2009 | THE LITTLE GREEN DATA BOOK



Green09 0427.indd 1 4/28/09 11:11:¹15 AM

Copyright ©2009 by the International Bank for Reconstruction and Development/THE WORLD BANK 1818 H Street, N.W. Washington, D.C. 20433 U.S.A.

> All rights reserved Manufactured in the United States of America First printing April 2009

ISBN: 978-0-8213-7849-6 E-ISBN: 978-0-8213-7851-9

DOI: 10.1596/978-0-8213-7849-6

The Little Green Data Book 2009 is a product of the Development Data Group of the Development Economics Vice Presidency and the Environment Department of the World Bank.

Editing, design, and layout by Communications Development Incorporated, Washington, DC. Cover design by Peter Grundy Art & Design, London, U.K.

Green09 0427.indd 2 4/28/09 11:11.¹16 AM

Contents

Acknowledgmentsiv
Foreword
Focus: urbanizationvi
Data notes
Regional tables
World
East Asia and Pacific
Europe and Central Asia
Latin America and the Caribbean
Middle East and North Africa
South Asia
Sub-Saharan Africa
Income group tables
Low income
Middle income
Lower middle income
Upper middle income
Low and middle income
Euro area
High income
Country tables (in alphabetical order)
Glossary
References

iii

Acknowledgments

The Little Green Data Book 2009 is based on World Development Indicators 2009 and its accompanying CD-ROM. Defining, gathering, and disseminating international statistics is a collective effort of many people and organizations. The indicators presented in World Development Indicators are the fruit of decades of work at many levels, from the field workers who administer censuses and household surveys to the committees and working parties of the national and international statistical agencies that develop the nomenclature, classifications, and standards fundamental to the international statistical system. Nongovernmental organizations have also made important contributions. We are indebted to the World Development Indicators partners, as detailed in World Development Indicators 2009. The financial assistance of the Government of Sweden is also gratefully acknowledged.

The Little Green Data Book 2009 is the result of close collaboration between the staff of the Development Data Group of the Development Economics Vice Presidency and the Environment Department. Mehdi Akhlaghi, Perinaz Bhada, Kimberly Colopinto, Richard Fix, Kirk Hamilton, Jean-Jacques Helluin, Dan Hoornweg, Stephen Karam, Oceane Keou, Ali Louni, Saeed Ordoubadi, Beatriz Prieto-Oramas, Giovanni Ruta, and Alexandra Sears contributed to its preparation. Meta de Coquereaumont, Christopher Trott, and Elaine Wilson of Communications Development provided design, editing, and layout. Staff from External Affairs oversaw publication and distribution of the book.

v 2009 The Little Green Data Book

Foreword

Welcome to *The Little Green Data Book* 2009. As in the 2008 edition, this year's edition includes a *Focus* section, four introductory pages that focus on a specific issue related to development and the environment. This year the focus is on urban areas and the environment, exploring how cities and climate change are affecting the way we live and how good public policies can improve prospects for future generations.

One of every two people in the world today lives in an urban area. By 2050 that number is expected to rise to 70 percent of the world's population, with urban areas home to some 7 billion people. These figures underscore how urbanization is increasingly shaping the world we live in, particularly in developing countries, where 90 percent of growth in urban areas is projected to take place over the next 20 years.

Urbanization and economic growth move in tandem. As emerging market economies develop, they increase their contribution to greenhouse gas emissions. The emissions of developed and developing country economies together increase the vulnerability of cities to climate change. Cities are particularly vulnerable to climate change impacts because they concentrate people, infrastructure, and economic activity. But good public policies can reduce greenhouse gas emissions and other pollutants while minimizing the impacts from climate change.

The Little Green Data Book 2009 is a collaboration between the Development Data Group of the Development Economics Vice Presidency and the Environment Department of the World Bank. We welcome your suggestions on how to improve future editions and make them more useful.

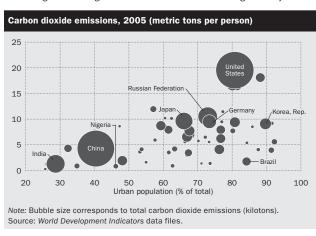
Shaida Badiee James Warren Evans

Director Director

Focus: urbanization

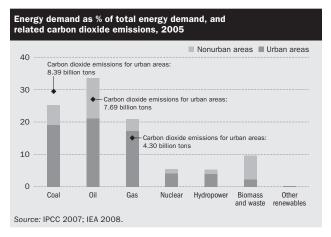
Economic growth, urbanization, and greenhouse gas emissions

Economic growth and urbanization move in tandem. Because most economic activity is concentrated in urban areas, cities have a key role in climate change. Affluence and lifestyle choices determine greenhouse gases emissions, and historically, developed countries have had greater greenhouse gas emissions than developing countries. The world is urbanizing fast; 70 percent of the world's population will live in cities by 2050. Under the business-as-usual scenario greenhouse gas emissions will also increase significantly.



Cities consume the vast majority of the world's energy

Cities meet approximately 72 percent of their energy demand from coal, oil, and natural gas, the main contributors to greenhouse gas emissions. Cities also use about 70 percent of the energy from renewable sources; however, these sources still make up just a small share of total energy consumed. National governments and cities have choices regarding their energy mix, and public policies can play an important role in improving energy efficiency and reducing carbon dioxide emissions.

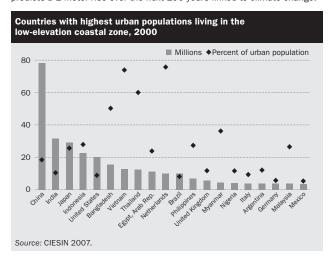


2009 The Little Green Data Book

Green09 0427.indd 6 4/28/09 11:11:¹16 AM

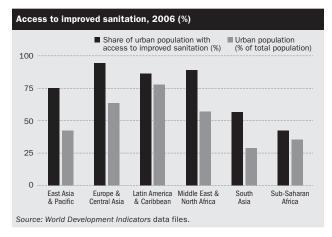
Coastal cities are vulnerable to sea level rise

Cities are vulnerable to the impacts of climate change. Some 360 million urban inhabitants live in low-elevation coastal zones, exposing them to sea level rise and storm surges. The Intergovernmental Panel on Climate Change estimates that average sea level rose 0.17 meter in the 20th century and predicts a 1 meter rise over the next 100 years linked to climate change.



Infrastructure investments in urban areas

Urban areas, because of their density, offer mass-targeting options that provide access to water, sanitation, and solid waste management more cost-efficiently than rural areas can. Infrastructure investments can thus be cost effective in targeting beneficiaries. Latin America and the Caribbean and Eastern and Central Asia, with the highest urbanization rates, have greater access to sanitation services; South Asia and Sub-Saharan Africa, with the lowest urbanization rates, have the least access.



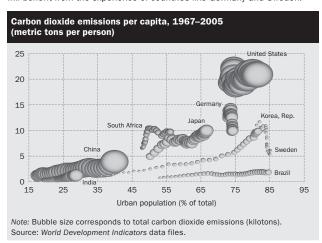
The Little Green Data Book 2009

vii

Focus: urbanization

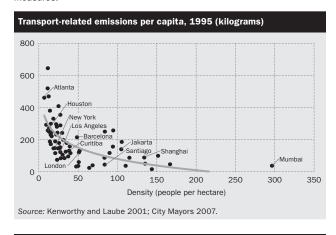
Policies matter

Policies to reduce greenhouse gas emissions can have a major impact. During the last 40 years Germany and Sweden adopted policies that have dramatically decreased per capita carbon dioxide emissions. As China and India urbanize and absorb an increasing share of global manufacturing, their carbon dioxide emissions will increase. Though their per capita carbon dioxide emission levels will be lower than those in developed countries, going forward, China and India will benefit from the experience of countries like Germany and Sweden.



Compact cities tend to use less energy

Compact cities tend to be more sustainable than sprawling cities. Urban form can be important in determining land and energy use and the cost of infrastructure and municipal services. Denser cities use less energy for transportation, which lowers transport-related emissions, can provide access to services at lower cost, and implement more energy efficiency measures.

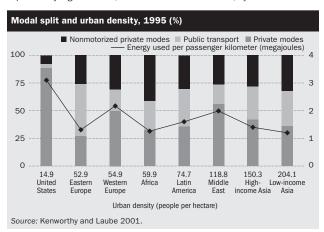


2009 The Little Green Data Book

Green09 0427.indd 8 4/28/09 11:11:17 AM

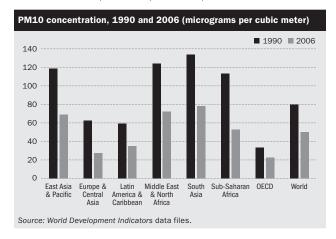
Choice of transport modes affects energy use

Countries favoring private transport use more energy per passenger kilometer than countries with high levels of public and nonmotorized transport modes. As density increases, people tend to use more public transportation and nonmotorized forms of transport, lowering transportation energy use per capita. High energy use per capita in the United States and Western Europe can be explained by high incomes; in Middle Eastern countries, by fuel subsidies.



Improvements in air quality

Concentrations of PM10 (particulate matter 10 microns in diameter), a standard used to measure air quality, decreased significantly in all regions in 1990–2005, with the most pronounced drops in developing countries. This may be a result of multiple factors, such as policies to improve air quality standards in urban areas (through incentives to switch from diesel to compressed natural gas), fuel and vehicle quality improvements, and greater awareness of the impacts of air pollution on public health.



The Little Green Data Book 2009

ix

Data notes

The data in this book are for the most recent year available; for details, see the *Glossary*. Regional aggregates include data for low- and middle-income economies only. Aggregates for regions and income groups are shown only if data are available for 66 percent of the economies in that group.

Symbols used:

- 0 or 0.0 indicates zero or small enough that the number rounds to zero at the displayed number of decimal places.
 - .. indicates that data are not available.
 - \$ indicates current U.S. dollars.

Data are shown for economies with populations greater than 30,000 or for smaller economies if they are members of the World Bank. The word *country* (used interchangeably with *economy*) does not imply political independence or official recognition by the World Bank but refers to any economy for which the authorities report separate social or economic statistics.

The selection of indicators in these pages includes some that are being used to monitor progress toward the Millennium Development Goals. For more information about the eight goals—halving poverty and increasing well-being by 2015—please visit our Web site www.developmentgoals.org or see World Development Indicators 2009.

Regional tables

The country composition of regions is based on the World Bank's analytical regions and may differ from common geographic usage.

East Asia and Pacific

American Samoa, Cambodia, China, Fiji, Indonesia, Kiribati, Democratic Republic of Korea, Lao People's Democratic Republic, Malaysia, Marshall Islands, Federated States of Micronesia, Mongolia, Myanmar, Palau, Papua New Guinea, Philippines, Samoa, Solomon Islands, Thailand, Timor-Leste, Tonga, Vanuatu, Vietnam.

Europe and Central Asia

Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Georgia, Kazakhstan, Kyrgyz Republic, Latvia, Lithuania, Former Yugoslav Republic of Macedonia, Moldova, Montenegro, Poland, Romania, Russian Federation, Serbia, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan.

Latin America and the Caribbean

Argentina, 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, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Suriname, Uruguay, Bolivarian Republic of Venezuela.

Middle East and North Africa

Algeria, Djibouti, Arab Republic of Egypt, Islamic Republic of Iran, Iraq, Jordan, Lebanon, Libya, Morocco, Syrian Arab Republic, Tunisia, West Bank and Gaza, Republic of Yemen.

South Asia

Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan, Sri Lanka.

Sub-Saharan Africa

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

World

Population (millions) **6,610** Land area (1,000 sq. km) **129,645** GDP (\$ billions) **54,583.8**

Jrban population (% of total) Jrban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	50
Population growth (average annual %, 1990–2007)	
	2.2 1.3
Agriculture Agricultural land (% of land area)	38
Agricultural rand (% of rand area) Agricultural productivity (value added per worker, 2000 \$)	939
Food production index (1999-2001 = 100)	111
Population density, rural (people/sq. km of arable land)	496
Forests and biodiversity Forest area (% of land area)	30.4
Deforestation (average annual %, 1990–2005)	0.2
Nationally protected area (% of land area)	11.0
Animal species, total known Animal species, threatened	
Higher plant species, total known	
Higher plant species, threatened	
GEF benefits index for biodiversity (0-100, median is 1.5)	
Energy	5.2
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	5.2 1.820
Energy from biomass products and waste (% of total)	9.8
	2,751
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	66.4 15.9
Emissions and pollution	
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.5
CO ₂ emissions per capita (metric tons)	4.5
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	29.5 50
Fransport sector fuel consumption per capita (liters)	291
Water and sanitation	
	6,624
Freshwater withdrawal Total (% of internal resources)	9.0
Agriculture (% of total freshwater withdrawal)	70
Access to improved water source (% of total population)	86
Rural (% of rural population) Urban (% of urban population)	77 96
Access to improved sanitation (% of total population)	60
Rural (% of rural population)	44
Urban (% of urban population)	78
Environment and health Acute resp. infection prevalence (% of children under five)	
Diarrhea prevalence (% of children under five)	
Under-five mortality rate (per 1,000 live births)	68
National accounting aggregates	00 -
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	22.7 13.7
Education expenditure (% of GNI)	4.3
Energy depletion (% of GNI)	3.0
Mineral depletion (% of GNI)	0.4
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0
Particulate emission damage (% of GNI)	0.4
Adjusted net savings (% of GNI)	8.8

2009 The Little Green Data Book

Green09 0427.indd 2 4/28/09 11:11:17 AM

East Asia & Pacific

Population (millions) **1,912** Land area (1,000 sq. km) **15,871** GDP (\$ billions) **4,365.5**

GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	2,182 43
Urban population (worth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	3.5 1.1
Agriculture	
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	51 458
Food production index (1999–2001 = 100)	120
Population density, rural (people/sq. km of arable land)	547
Forests and biodiversity	00.4
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	28.4 -0.1
Nationally protected area (% of land area)	14.0
Animal species, total known	
Animal species, threatened	
Higher plant species, total known Higher plant species, threatened	
GEF benefits index for biodiversity (0-100, median is 1.5)	
Energy	
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	3.4
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	1,258 14.7
Electric power consumption per capita (kWh)	1,669
Electricity generated using fossil fuel (% of total)	82.0
Electricity generated by hydropower (% of total)	15.0
Emissions and pollution	
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.9 3.6
CO ₂ emissions growth (%, 1990–2005)	123.4
Particulate matter (urban-popweighted avg., µg/cu. m)	69
Transport sector fuel consumption per capita (liters)	106
Water and sanitation	4.040
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	4,948
Total (% of internal resources)	10.2
Agriculture (% of total freshwater withdrawal)	74
Access to improved water source (% of total population)	87
Rural (% of rural population) Urban (% of urban population)	81 96
Access to improved sanitation (% of total population)	66
Rural (% of rural population)	59
Urban (% of urban population)	75
Environment and health	
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	
Under-five mortality rate (per 1,000 live births)	27
National accounting aggregates	
Gross savings (% of GNI)	48.0
Consumption of fixed capital (% of GNI)	10.7 2.1
Education expenditure (% of GNI) Energy depletion (% of GNI)	2.1 4.9
Mineral depletion (% of GNI)	1.3
Net forest depletion (% of GNI)	0.0
CO ₂ damage (% of GNI)	1.3 1.3
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)	1.3 30.6

Europe & Central Asia

Population (millions) 446 Land area (1,000 sq. km) 23,110 GDP (\$ billions) 3,156.1

GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	6,052 64
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	0.2 0.1
Agriculture	
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	28 2.228
Food production index (1999–2001 = 100)	110
Population density, rural (people/sq. km of arable land)	129
Forests and biodiversity	
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	38.3 0.0
Nationally protected area (% of land area)	6.1
Animal species, total known	
Animal species, threatened Higher plant species, total known	
Higher plant species, total known Higher plant species, threatened	
GEF benefits index for biodiversity (0-100, median is 1.5)	
Energy	
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	3.5 2.930
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	2,930
Electric power consumption per capita (kWh)	3,835
Electricity generated using fossil fuel (% of total)	67.7
Electricity generated by hydropower (% of total)	17.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.7
CO ₂ emissions per capita (metric tons)	7.0
CO ₂ emissions growth (%, 1990-2005)	-29.3
Particulate matter (urban-popweighted avg., µg/cu. m)	27 255
Transport sector fuel consumption per capita (liters)	
Water and sanitation Internal freshwater resources per capita (cu. m)	11,806
Freshwater withdrawal	11,000
Total (% of internal resources)	7.2
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	60 95
Rural (% of rural population)	88
Urban (% of urban population)	99
Access to improved sanitation (% of total population)	89
Rural (% of rural population) Urban (% of urban population)	79 94
Environment and health	
Acute resp. infection prevalence (% of children under five)	
Diarrhea prevalence (% of children under five)	23
Under-five mortality rate (per 1,000 live births)	23
National accounting aggregates Gross savings (% of GNI)	24.0
Consumption of fixed capital (% of GNI)	12.8
Education expenditure (% of GNI)	4.0
Energy depletion (% of GNI) Mineral depletion (% of GNI)	9.8 0.7
Net forest depletion (% of GNI)	0.0
CO ₂ damage (% of GNI)	1.0
Particulate emission damage (% of GNI)	0.5
Adjusted net savings (% of GNI)	3.2

2009 The Little Green Data Book

Green09 0427.indd 4 4/28/09 11:11:18 AM

Latin America & Caribbean

Population (millions) **561** Land area (1,000 sq. km) **20,156** GDP (\$ billions) **3,615.9**

GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	5,801 78
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	2.1 1.5
Agriculture	
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	36 3.158
Food production index (1999–2001 = 100)	117
Population density, rural (people/sq. km of arable land)	232
Forests and biodiversity	45.4
Forest area (% of land area) Deforestation (average annual %, 1990-2005)	45.4 0.5
Nationally protected area (% of land area)	16.7
Animal species, total known Animal species, threatened	
Higher plant species, total known	
Higher plant species, threatened	
GEF benefits index for biodiversity (0–100, median is 1.5)	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	7.3
Energy use per capita (kg oil equivalent)	1,240
Energy from biomass products and waste (% of total)	15.9
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	1,808 37.0
Electricity generated by hydropower (% of total)	57.3
Emissions and pollution	
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.3 2.5
CO ₂ emissions growth (%, 1990–2005)	33.4
Particulate matter (urban-popweighted avg., µg/cu. m)	35
Transport sector fuel consumption per capita (liters)	295
Water and sanitation Internal freshwater resources per capita (cu. m)	23,965
Freshwater withdrawal	20,505
Total (% of internal resources)	2.0
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	71 91
Rural (% of rural population)	73
Urban (% of urban population)	97 78
Access to improved sanitation (% of total population) Rural (% of rural population)	51
Urban (% of urban population)	86
Environment and health	
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	
Under-five mortality rate (per 1,000 live births)	26
National accounting aggregates	
Gross savings (% of GNI)	22.9
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	12.6 4.5
Energy depletion (% of GNI)	5.4
Mineral depletion (% of GNI)	1.9
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0 0.3
Particulate emission damage (% of GNI)	0.4
Adjusted net savings (% of GNI)	6.7

Middle East & North Africa

Population (millions) 313 Land area (1,000 sq. km) 8,644 GDP (\$ billions) 850.

GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	2,820 57
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	2.6 2.0
Agriculture	22
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	2,313
Food production index (1999–2001 = 100)	116
Population density, rural (people/sq. km of arable land)	665
Forests and biodiversity Forest area (% of land area)	2.4
Deforestation (average annual %, 1990-2005)	-0.4
Nationally protected area (% of land area)	3.6
Animal species, total known Animal species, threatened	
Higher plant species, total known	
Higher plant species, threatened	
GEF benefits index for biodiversity (0-100, median is 1.5)	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	5.0
Energy use per capita (kg oil equivalent)	1,254
Energy from biomass products and waste (% of total)	1.2
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	1,418 91.1
Electricity generated by hydropower (% of total)	7.4
Emissions and pollution	
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.6 3.7
CO ₂ emissions growth (%, 1990–2005)	96.8
Particulate matter (urban-popweighted avg., µg/cu. m)	72
Transport sector fuel consumption per capita (liters)	277
Water and sanitation Internal freshwater resources per capita (cu. m)	728
Freshwater withdrawal	120
Total (% of internal resources)	122.3
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	86 89
Rural (% of rural population)	81
Urban (% of urban population)	95
Access to improved sanitation (% of total population) Rural (% of rural population)	77 62
Urban (% of urban population)	88
Environment and health	
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	
Under-five mortality rate (per 1,000 live births)	38
National accounting aggregates	
Gross savings (% of GNI)	33.3
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	11.3 4.7
Energy depletion (% of GNI)	21.3
Mineral depletion (% of GNI)	0.4
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0 1.0
Particulate emission damage (% of GNI)	0.6
Adjusted net savings (% of GNI)	3.4

South Asia

Population (millions) **1,522** Land area (1,000 sq. km) **4,781** GDP (\$ billions) **1,443.5**

GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	880 29
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	2.7 1.8
Agriculture	
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	55 417
Food production index (1999–2001 = 100)	107
Population density, rural (people/sq. km of arable land)	617
Forests and biodiversity	10.0
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	16.8 -0.1
Nationally protected area (% of land area)	5.6
Animal species, total known	
Animal species, threatened Higher plant species, total known	
Higher plant species, threatened	
GEF benefits index for biodiversity (0-100, median is 1.5)	
Energy CDP por unit of energy use (2005 PPP \$ /kg ail equivalent)	4.8
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	4.6 468
Energy from biomass products and waste (% of total)	30.4
Electric power consumption per capita (kWh)	453
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	78.3 17.4
Emissions and pollution	
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.5
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	1.1 106.7
Particulate matter (urban-popweighted avg., µg/cu. m)	78
Transport sector fuel consumption per capita (liters)	33
Water and sanitation	1 100
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	1,196
Total (% of internal resources)	51.7
Agriculture (% of total freshwater withdrawal)	89
Access to improved water source (% of total population) Rural (% of rural population)	87 84
Urban (% of urban population)	94
Access to improved sanitation (% of total population)	33
Rural (% of rural population) Urban (% of urban population)	23 57
Environment and health	
Acute resp. infection prevalence (% of children under five)	
Diarrhea prevalence (% of children under five)	
Under-five mortality rate (per 1,000 live births)	78
National accounting aggregates Gross savings (% of GNI)	36.2
Consumption of fixed capital (% of GNI)	9.5
Education expenditure (% of GNI)	3.0
Energy depletion (% of GNI) Mineral depletion (% of GNI)	2.7 0.6
Net forest depletion (% of GNI)	0.6
CO ₂ damage (% of GNI)	1.0
Particulate emission damage (% of GNI)	0.8
Adjusted net savings (% of GNI)	23.9

Sub-Saharan Africa

Population (millions) **800** Land area (1,000 sq. km) **23,578** GDP (\$ billions) **847.4**

GNI per capita, World Bank Atlas method (\$) Urban population (% of total) Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	951 36 4.0 2.6
Agriculture Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	44 287 109 351
Forests and biodiversity Forest area (% of land area) Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area) Animal species, total known Animal species, threatened Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	26.5 0.6 11.3
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	3.0 670 56.3 531 65.6 18.0
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-pop-weighted avg., μg/cu. m) Transport sector fuel consumption per capita (liters)	0.5 0.8 40.1 53 64
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population)	4,824 3.2 87 58 46 81 31 24
Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	146
National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI) CO ₂ damage (% of GNI) Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)	17.4 11.1 3.6 11.7 1.5 0.5 0.7 0.4 -5.0

Income group tables

For operational and analytical purposes the World Bank's main criterion for classifying economies is gross national income (GNI) per capita. Each economy in *The Little Green Data Book* is classified as low income, middle income, or high income. Low- and middle-income economies are sometimes referred to as developing economies. The use of the term is convenient; it is not intended to imply that all economies in the group are experiencing similar development or that other economies have reached a preferred or final stage of development. Classification by income does not necessarily reflect development status.

Low-income economies are those with a GNI per capita of \$935 or less in 2007.

Middle-income economies are those with a GNI per capita of more than \$935 but less than \$11,456. Lower-middle-income and upper-middle-income economies are separated at a GNI per capita of \$3,705.

High-income economies are those with a GNI per capita of \$11,456 or more.

Euro area includes the member states of the Economic and Monetary Union of the European Union that have adopted the euro as their currency: Austria, Belgium, Cyprus, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Malta, Netherlands, Portugal, Slovenia, Slovak Republic, and Spain.

Low income

Population (millions) 1,296 Land area (1,000 sq. km) 21,217 GDP (\$ billions) 801.4

GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	574 32
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	3.7 2.4
Agriculture Agricultural land (% of land area)	39
Agricultural productivity (value added per worker, 2000 \$)	330
Food production index (1999–2001 = 100)	112 603
Population density, rural (people/sq. km of arable land)	003
Forests and biodiversity Forest area (% of land area)	24.7
Deforestation (average annual %, 1990-2005)	0.7
Nationally protected area (% of land area) Animal species, total known	10.8
Animal species, total known Animal species, threatened	
Higher plant species, total known	
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	
Energy	
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	3.2
Energy use per capita (kg oil equivalent)	478
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)	53.8 309
Electricity generated using fossil fuel (% of total)	48.4
Electricity generated by hydropower (% of total)	38.8
Emissions and pollution	
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.4 0.6
CO ₂ emissions growth (%, 1990-2005)	39.3
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	69 41
	41
Water and sanitation Internal freshwater resources per capita (cu. m)	4,619
Freshwater withdrawal	,
Total (% of internal resources) Agriculture (% of total freshwater withdrawal)	9.4 90
Access to improved water source (% of total population)	68
Rural (% of rural population)	60
Urban (% of urban population) Access to improved sanitation (% of total population)	84 39
Rural (% of rural population)	33
Urban (% of urban population)	54
Environment and health	
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	
Under-five mortality rate (per 1,000 live births)	126
National accounting aggregates	
Gross savings (% of GNI)	25.4 9.3
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	9.3 2.6
Energy depletion (% of GNI)	9.8
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.9 0.8
CO ₂ damage (% of GNI)	0.8
Particulate emission damage (% of GNI)	0.7
Adjusted net savings (% of GNI)	5.8

10

Middle income

Population (millions) **4,258** Land area (1,000 sq. km) **74,923** GDP (\$ billions) **13,490.0**

2,910 48
2.4
1.2
38
673
115 473
473
32.7
0.2
10.6
4.2
1.267
12.3
1,651
72.9 20.6
0.7
3.3
43.1 56
144
6 500
0,369
,
8.5
8.5 76 89
8.5 76 89 83
8.5 76 89 83
89 83 97 60 45
8.5 76 89 83 97 60 45
8.5 76 89 83 97 60 45
8.5 76 89 83 97 60 45
8.5 76 89 83 97 60 45 76
8.5 76 89 83 97 60 45 76
8.5 76 89 83 97 60 45 76
8.5 76 89 83 97 60 45 76
8.5 76 89 83 97 60 45 76 45 32.3 11.7 3.5
8.5 76 89 83 97 60 45 76 45 32.3 11.7 3.5 7.1
8.5 76 89 83 97 60 45 76 45 32.3 11.7 3.5 7.1 1.2 0.1
8.5 76 89 83 97 60 45 76 45 32.3 11.7 3.5 7.1

Lower middle income

Population (millions) **3,435** Land area (1,000 sq. km) **34,405** GDP (\$ billions) **6,896.1**

GNI per capita, World Bank Atlas method (\$)	1,905
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	42 2.9
Population growth (average annual %, 1990-2007)	1.3
Agriculture	47
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	47 532
Food production index (1999–2001 = 100)	116
Population density, rural (people/sq. km of arable land)	511
Forests and biodiversity	
Forest area (% of land area)	25.0
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	0.1 11.0
Animal species, total known	11.0
Animal species, threatened	
Higher plant species, total known	
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	
Energy	
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	3.9
Energy use per capita (kg oil equivalent)	1,019
Energy from biomass products and waste (% of total)	15.2
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	1,269 79.0
Electricity generated by hydropower (% of total)	16.3
Emissions and pollution	
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.8
CO ₂ emissions per capita (metric tons)	2.8
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	93.5 67
Transport sector fuel consumption per capita (liters)	99
Water and sanitation	
Internal freshwater resources per capita (cu. m)	4,117
Freshwater withdrawal Total (% of internal resources)	8.7
Agriculture (% of total freshwater withdrawal)	80
Access to improved water source (% of total population)	88
Rural (% of rural population)	82
Urban (% of urban population) Access to improved sanitation (% of total population)	96 55
Rural (% of rural population)	43
Urban (% of urban population)	71
Environment and health	
Acute resp. infection prevalence (% of children under five)	
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	50
National accounting aggregates Gross savings (% of GNI)	41.7
Consumption of fixed capital (% of GNI)	10.7
Education expenditure (% of GNI)	2.6
Energy depletion (% of GNI) Mineral depletion (% of GNI)	6.6 1.2
Net forest depletion (% of GNI)	0.2
CO ₂ damage (% of GNI)	1.2
Particulate emission damage (% of GNI)	1.1
Adjusted net savings (% of GNI)	23.5

2009 The Little Green Data Book

Greeno⁹ 0427.indd 12 4/28/09 11:11.¹19 AM

Upper middle income

Population (millions) **824** Land area (1,000 sq. km) **40,518** GDP (\$ billions) **6,594.6**

GNI per capita, World Bank Atlas method (\$) Urban population (% of total) Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	7,107 75
Urban population growth (average annual %, 1990-2007)	
	1.4 0.9
Agriculture Agricultural land (% of land area)	31
Agricultural productivity (value added per worker, 2000 \$)	2,947
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	113 110
Forests and biodiversity	
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	39.3 0.2
Nationally protected area (% of land area)	10.3
Animal species, total known Animal species, threatened	
Higher plant species, total known	
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	
Energy	
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	4.8
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	2,300 7.0
Electric power consumption per capita (kWh)	3,242
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	62.8 27.6
Emissions and pollution	21.0
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.5
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	5.5 -8.3
Particulate matter (urban-popweighted avg., µg/cu. m)	30
Transport sector fuel consumption per capita (liters)	332
Water and sanitation Internal freshwater resources per capita (cu. m)	16,993
Freshwater withdrawal	
Total (% of internal resources) Agriculture (% of total freshwater withdrawal)	13.8 57
Access to improved water source (% of total population)	95
Rural (% of rural population) Urban (% of urban population)	83 98
Access to improved sanitation (% of total population)	83
Rural (% of rural population) Urban (% of urban population)	64 89
Environment and health	
Acute resp. infection prevalence (% of children under five)	
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	24
National accounting aggregates	
Gross savings (% of GNI)	23.2
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	12.8 4.4
Energy depletion (% of GNI)	7.6
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	1.3 0.0
CO ₂ damage (% of GNI)	0.6
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)	0.4 4.9
Augusted not surings (// or divi)	4.3

The Little Green Data Book 2009

13

Low and middle income

Population (millions) **5,554** Land area (1,000 sq. km) **96,140** GDP (\$ billions) **14,296.3**

GNI per capita, World Bank Atlas method (\$)	2,366 44
Urban population (% of total) Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	2.6 1.5
Agriculture Agricultural land (% of land area)	38
Agricultural productivity (value added per worker, 2000 \$)	599
Food production index (1999-2001 = 100)	115
Population density, rural (people/sq. km of arable land)	510
Forests and biodiversity Forest area (% of land area)	31.0
Deforestation (average annual %, 1990–2005)	0.3
Nationally protected area (% of land area)	10.7
Animal species, total known Animal species, threatened	
Higher plant species, total known	
Higher plant species, threatened	
GEF benefits index for biodiversity (0-100, median is 1.5)	
Energy	
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	4.1 1.108
Energy from biomass products and waste (% of total)	15.9
Electric power consumption per capita (kWh)	1,380
Electricity generated using fossil fuel (% of total)	71.5 21.5
Electricity generated by hydropower (% of total)	21.5
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.6
CO ₂ emissions per capita (metric tons)	2.7
CO ₂ emissions growth (%, 1990–2005)	42.9
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	58 123
Water and sanitation	
Internal freshwater resources per capita (cu. m)	6,128
Freshwater withdrawal	,
Total (% of internal resources)	3.2 78
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	84
Rural (% of rural population)	76
Urban (% of urban population)	94
Access to improved sanitation (% of total population) Rural (% of rural population)	55 41
Urban (% of urban population)	73
Environment and health	
Acute resp. infection prevalence (% of children under five)	
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	74
National accounting aggregates Gross savings (% of GNI)	32.0
Consumption of fixed capital (% of GNI)	11.6
Education expenditure (% of GNI)	3.4
Energy depletion (% of GNI) Mineral depletion (% of GNI)	7.2 1.2
Net forest depletion (% of GNI)	0.1
CO ₂ damage (% of GNI)	0.9
Particulate emission damage (% of GNI)	0.8 13.6
Adjusted net savings (% of GNI)	13.6

14

2009 The Little Green Data Book

Green09 0427.indd 14 4/28/09 11:11:¹19 AM

Euro area

Population (millions) 324 Land area (1,000 sq. km) 2,513 GDP (\$ billions) 12,277.6

GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	35,818 73
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	0.6 0.4
Agriculture	47
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	22,860
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	98 183
Forests and biodiversity	
Forest area (% of land area)	37.2
Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area)	-0.8 10.6
Animal species, total known	
Animal species, threatened Higher plant species, total known	
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	
Energy	
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	7.7
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	3,936 4.9
Electric power consumption per capita (kWh)	6,956
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	50.8 9.1
Emissions and pollution	
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.3 8.1
CO ₂ emissions growth (%, 1990-2005)	2.2
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	23 771
Water and sanitation	2.007
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	2,907
Total (% of internal resources) Agriculture (% of total freshwater withdrawal)	22.3 38
Access to improved water source (% of total population)	100
Rural (% of rural population) Urban (% of urban population)	100 100
Access to improved sanitation (% of total population)	
Rural (% of rural population) Urban (% of urban population)	
Environment and health	
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	
Under-five mortality rate (per 1,000 live births)	4
National accounting aggregates Gross savings (% of GNI)	22.3
Consumption of fixed capital (% of GNI)	14.4
Education expenditure (% of GNI) Energy depletion (% of GNI)	4.6 0.2
Mineral depletion (% of GNI)	0.0
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0 0.2
Particulate emission damage (% of GNI)	0.2
Adjusted net savings (% of GNI)	11.9

High income

Population (millions) **1,056** Land area (1,000 sq. km) **33,505** GDP (\$ billions) **40,309.7**

GNI per capita, World Bank Atlas method (\$)	37,572
Urban population (% of total) Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	78 1.0 0.7
Agriculture	
Agricultural land (% of land area)	38
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999-2001 = 100)	27,680 102
Population density, rural (people/sq. km of arable land)	323
Forests and biodiversity	00.0
Forest area (% of land area) Deforestation (average annual %, 1990-2005)	28.8 -0.1
Nationally protected area (% of land area)	11.8
Animal species, total known	
Animal species, threatened Higher plant species, total known	
Higher plant species, threatened	
GEF benefits index for biodiversity (0-100, median is 1.5)	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	6.3
Energy use per capita (kg oil equivalent)	5,416
Energy from biomass products and waste (% of total)	3.4
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	9,675 62.0
Electricity generated by hydropower (% of total)	11.4
Emissions and pollution	
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.4 12.6
CO ₂ emissions growth (%, 1990–2005)	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	26
Transport sector fuel consumption per capita (liters)	1,159
Water and sanitation Internal freshwater resources per capita (cu. m)	9,313
Freshwater withdrawal	,
Total (% of internal resources)	10.4 43
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	100
Rural (% of rural population)	98
Urban (% of urban population) Access to improved sanitation (% of total population)	100 100
Rural (% of rural population)	99
Urban (% of urban population)	100
Environment and health	
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	
Under-five mortality rate (per 1,000 live births)	7
National accounting aggregates	
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	20.6 14.5
Education expenditure (% of GNI)	4.6
Energy depletion (% of GNI)	1.5
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.2 0.0
CO ₂ damage (% of GNI)	0.3
Particulate emission damage (% of GNI)	0.3 8.5
Adjusted net savings (% of GNI)	0.0

L6 2009 The Little Green Data Book

Green09 0427.indd 16 4/28/09 11:11:20 AM

Country tables

China

Unless otherwise noted, data for China do not include data for Hong Kong, China; Macao, China; or Taiwan, China.

Serbia and Montenegro

Montenegro declared independence from Serbia and Montenegro on June 3, 2006. Where available, data for each country are shown separately. However, some indicators for Serbia prior to 2006 include data for Montenegro. Moreover, data for most indicators from 1999 onward for Serbia exclude data for Kosovo, which in 1999 became a territory under international administration pursuant to UN Security Council Resolution 1244 (1999).

Afghanistan

Population (millions) .. Land area (1,000 sq. km) 652 GDP (\$ billions) 8.4

GNI per capita, World Bank Atlas method (\$) Urban population (% of total) Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007) Agriculture Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$) Food production index (1999-2001 = 100) Population density, rural (people/sq. km of arable land) Forests and biodiversity Forest area (% of land area) Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area) Animal species, total known Animal species, total known Higher plant species, dia known Higher plant species, total known Higher pl	58 114 1.3 2.7 0.3 578 30 4,000 2 3.4	880 29 2.7 1.8 55 417 107 617 16.8 -0.1 5.6	574 32 3.7 2.4 39 330 112 603 24.7 0.7 10.8
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007) Agriculture Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$) Food production index (1999-2001 = 100) Population density, rural (people/sq. km of arable land) Forests and biodiversity Forest area (% of land area) Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area) Animal species, total known Animal species, total known Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution C02 emissions per capita (metric tons) C02 emissions growth (%, 1990-2005) Particulate matter (urban-popweighted avg., µg/cu. m)	58 114 1.3 2.7 0.3 578 30 4,000 2 3.4	2.7 1.8 55 417 107 617 16.8 -0.1 5.6 4.8 468 30.4 453 78.3	3.7 2.4 39 330 112 603 24.7 0.7 10.8 3.2 478 53.8 309
Population growth (average annual %, 1990-2007) Agriculture Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$) Food production index (1999-2001 = 100) Population density, rural (people/sq. km of arable land) Forests and biodiversity Forest area (% of land area) Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area) Animal species, total known Animal species, total known Higher plant species, total known Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions growth (%, 1990-2005) Particulate matter (urban-popweighted avg., µg/cu. m)	 58 114 1.3 2.7 0.3 578 300 4,000 2 3.4	1.8 55 417 107 617 16.8 -0.1 5.6 4.8 468 30.4 453 78.3	2.4 39 330 112 603 24.7 0.7 10.8 3.2 478 53.8 309
Agricultural land (% of land area) Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$) Food production index (1999-2001 = 100) Population density, rural (people/sq. km of arable land) Forests and biodiversity Forest area (% of land area) Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area) Animal species, total known Animal species, total known Higher plant species, total known Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions growth (%, 1990-2005) Particulate matter (urban-popweighted avg., µg/cu. m)	1.3 2.7 0.3 578 30 4,000 2 3.4	417 107 617 16.8 -0.1 5.6 4.8 468 30.4 453 78.3	330 112 603 24.7 0.7 10.8 3.2 478 53.8 309
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land) Forests and biodiversity Forest area (% of land area) Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area) Animal species, total known Animal species, total known Higher plant species, tota	1.3 2.7 0.3 578 30 4,000 2 3.4	417 107 617 16.8 -0.1 5.6 4.8 468 30.4 453 78.3	330 112 603 24.7 0.7 10.8 3.2 478 53.8 309
Food production index (1999-2001 = 100) Population density, rural (people/sq. km of arable land) Forests and biodiversity Forest area (% of land area) Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area) Animal species, total known Animal species, total known Animal species, threatened Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990-2005) Particulate matter (urban-popweighted avg., µg/cu. m)	1.3 2.7 0.3 578 30 4,000 2 3.4	107 617 16.8 -0.1 5.6 4.8 468 30.4 453 78.3	112 603 24.7 0.7 10.8 3.2 478 53.8 309
Population density, rural (people/sq. km of arable land) Forests and biodiversity Forest area (% of land area) Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area) Animal species, total known Animal species, threatened Higher plant species, threatened Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions growth (%, 1990-2005) Particulate matter (urban-popweighted avg., µg/cu. m)	1.3 2.7 0.3 578 30 4,000 2 3.4	617 16.8 -0.1 5.6 4.8 4.8 468 30.4 453 78.3	3.2 478 53.8 309
Forest area (% of land area) Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area) Animal species, total known Animal species, threatened Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions growth (%, 1990-2005) Particulate matter (urban-popweighted avg., µg/cu. m)	2.7 0.3 578 30 4,000 2 3.4	-0.1 5.6 4.8 468 30.4 453 78.3	0.7 10.8 3.2 478 53.8 309
Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area) Animal species, total known Animal species, threatened Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions growth (%, 1990-2005) Particulate matter (urban-popweighted avg., µg/cu. m)	2.7 0.3 578 30 4,000 2 3.4	-0.1 5.6 4.8 468 30.4 453 78.3	0.7 10.8 3.2 478 53.8 309
Nationally protected area (% of land area) Animal species, total known Animal species, threatened Higher plant species, total known Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution C0_2 emissions per unit of GDP (kg/2005 PPP \$) C0_2 emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	0.3 578 30 4,000 2 3.4	4.8 468 30.4 453 78.3	3.2 478 53.8 309
Animal species, total known Animal species, threatened Higher plant species, total known Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy grom biomass products and waste (% of total) Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution C0_2 emissions per unit of GDP (kg/2005 PPP \$) C0_2 emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	578 30 4,000 2 3.4	4.8 468 30.4 453 78.3	3.2 478 53.8 309
Animal species, threatened Higher plant species, total known Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	30 4,000 2 3.4 	468 30.4 453 78.3	478 53.8 309
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy grom biomass products and waste (% of total) Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution C0_2 emissions per unit of GDP (kg/2005 PPP \$) C0_2 emissions growth (%, 1990-2005) Particulate matter (urban-popweighted avg., µg/cu. m)	2 3.4 	468 30.4 453 78.3	478 53.8 309
GEF benefits index for biodiversity (0–100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy guse per capita (kg oil equivalent) Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution C0_2 emissions per unit of GDP (kg/2005 PPP \$) C0_2 emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	3.4	468 30.4 453 78.3	478 53.8 309
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)		468 30.4 453 78.3	478 53.8 309
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution C0_2 emissions per unit of GDP (kg/2005 PPP \$) C0_2 emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)		468 30.4 453 78.3	478 53.8 309
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)		468 30.4 453 78.3	478 53.8 309
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)		453 78.3	309
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution C0_2 emissions per unit of GDP (kg/2005 PPP \$) C0_2 emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)		78.3	
Electricity generated by hydropower (% of total) Emissions and pollution C0_2 emissions per unit of GDP (kg/2005 PPP \$) C0_2 emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)			48.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990-2005) Particulate matter (urban-popweighted avg., μg/cu. m)			
CO_2 emissions per unit of GDP (kg/2005 PPP \$) CO_2 emissions per capita (metric tons) CO_2 emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)		11.7	38.8
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990-2005) Particulate matter (urban-popweighted avg., μg/cu. m)	0.03	0.52	0.39
CO_2^{-} emissions growth (%, 1990-2005) Particulate matter (urban-popweighted avg., $\mu g/\mathrm{cu.}\ m)$		1.08	0.58
	-73.5	106.7	39.3
iransport sector ruei consumption per capita (iiters)	41	78 33	69 41
M-4			41
Water and sanitation Internal freshwater resources per capita (cu. m)		1,196	4,619
Freshwater withdrawal		-,	.,
Total (% of internal resources)	42.3	51.7	9.4
Agriculture (% of total freshwater withdrawal)	98	89	90
Access to improved water source (% of total population)		87 84	68 60
Rural (% of rural population) Urban (% of urban population)		94	84
Access to improved sanitation (% of total population)		33	39
Rural (% of rural population)		23	33
Urban (% of urban population)		57	54
Environment and health	10.0		
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	19.0 20.0		
Under-five mortality rate (per 1,000 live births)	20.0	78	126
National accounting aggregates			
Gross savings (% of GNI)		36.2	25.4
Consumption of fixed capital (% of GNI)		9.5	9.3
Education expenditure (% of GNI)		3.0	2.6
Energy depletion (% of GNI)		2.7	9.8
Mineral depletion (% of GNI)		0.6	0.9
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)		0.9 1.0	0.8 0.7
Particulate emission damage (% of GNI)		1.0	0.7
Adjusted net savings (% of GNI)		0.8	

18

Albania

Population (millions) 3.2 Land area (1,000 sq. km)	27.4 GD	P (\$ billions	10.8
	Country data	Europe & Central Asia group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	3,300	6,052	1,905
Urban population (% of total)	46	64	42
Urban population growth (average annual %, 1990–2007)	1.2	0.2	2.9
Population growth (average annual %, 1990-2007)	-0.2	0.1	1.3
Agriculture			
Agricultural land (% of land area)	41 1,495	28 2,228	47 532
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	108	110	116
Population density, rural (people/sq. km of arable land)	301	129	511
Forests and biodiversity			
Forest area (% of land area)	29.0	38.3	25.0
Deforestation (average annual %, 1990–2005)	0.0	0.0	
Nationally protected area (% of land area) Animal species, total known	0.7 376	6.1	11.0
Animal species, total known Animal species, threatened	52		
Higher plant species, total known	3,031		
Higher plant species, threatened	0		
GEF benefits index for biodiversity (0-100, median is 1.5)	0.2		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	8.9	3.5	3.9
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	715 10.1	2,930 2.2	1,019 15.2
Electric power consumption per capita (kWh)	961	3,835	1,269
Electricity generated using fossil fuel (% of total)	1.8	67.7	79.0
Electricity generated by hydropower (% of total)	98.2	17.4	16.3
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.7	0.8
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	1.1 -51.9	7.0 -29.3	2.8 93.5
Particulate matter (urban-popweighted avg., µg/cu. m)	-51.9 44	-29.3 27	67
Transport sector fuel consumption per capita (liters)	233	255	99
Water and sanitation			
Internal freshwater resources per capita (cu. m)	8,456	11,806	4,117
Freshwater withdrawal	0.4	7.0	0.7
Total (% of internal resources) Agriculture (% of total freshwater withdrawal)	6.4 62	7.2 60	8.7 80
Access to improved water source (% of total population)	97	95	88
Rural (% of rural population)	97	88	82
Urban (% of urban population)	97	99	96
Accord to improved conitation (0) aftertal accordation	97	89	55
			43
Rural (% of rural population)	97	79 94	71
Rural (% of rural population) Urban (% of urban population)		94	71
Urban (% of urban population) Environment and health	97 98		71
Rural (% of rural population) Urban (% of urban population) Environment and health	97		71
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	97 98 1.0		71 50
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	97 98 1.0 7.3	94	
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI)	97 98 1.0 7.3 15	23	50
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	97 98 1.0 7.3 15 19.2 10.9	23 24.0 12.8	50 41.7 10.7
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	97 98 1.0 7.3 15 19.2 10.9 2.8	23 24.0 12.8 4.0	50 41.7 10.7 2.6
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI)	97 98 1.0 7.3 15 19.2 10.9 2.8 0.0	23 24.0 12.8 4.0 9.8	50 41.7 10.7 2.6 6.6
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI)	97 98 1.0 7.3 15 19.2 10.9 2.8	23 24.0 12.8 4.0 9.8 0.7	50 41.7 10.7
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	97 98 1.0 7.3 15 19.2 10.9 2.8 0.0 0.0	23 24.0 12.8 4.0 9.8 0.7	41.7 10.7 2.6 6.6 1.2

Algeria

Population (millions) 34 Land area (1,000 sq. km)	2,382 GD	P (\$ billions	135.3
	Country data	Middle East & N. Africa group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	3,620 65	2,820 57	42
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)) 3.0 1.7	2.6 2.0	
Agriculture Agricultural land (% of land area)	17	22	47
Agricultural productivity (value added per worker, 2000 \$		2,313	532
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	123 162	116 665	116 511
Forests and biodiversity	1.0	2.4	25.0
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	-1.6	-0.4	
Nationally protected area (% of land area)	5.0 472	3.6	11.0
Animal species, total known Animal species, threatened	472 72		
Higher plant species, total known	3,164		
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	3 2.9		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)) 6.5	5.0	3.9
Energy use per capita (kg oil equivalent)	1,100	1,254	1,019
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)	0.2 870	1.2 1,418	
Electricity generated using fossil fuel (% of total)	99.4	91.1	79.0
Electricity generated by hydropower (% of total)	0.6	7.4	16.3
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.6	0.6	0.8
CO ₂ emissions per capita (metric tons)	4.2	3.7	2.8
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	78.6 71	96.8 72	93.5 67
Transport sector fuel consumption per capita (liters)	158	277	99
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	332	728	4,117
Total (% of internal resources)	54.0	122.3	8.7
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	65 85	86 89	80 88
Rural (% of rural population)	81	81	82
Urban (% of urban population) Access to improved sanitation (% of total population)	87 94	95 77	96 55
Rural (% of rural population)	87	62	43
Urban (% of urban population)	98	88	71
Environment and health	9.0		
Acute resp. infection prevalence (% of children under five)			50
Diarrhea prevalence (% of children under five)	19.8 37	38	
		38	- 30
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI)	57.9	33.3	41.7
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates	37		41.7 10.7
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI)	57.9 11.6 4.5 29.7	33.3 11.3 4.7 21.3	41.7 10.7 2.6 6.6
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	57.9 11.6 4.5 29.7 0.1	33.3 11.3 4.7 21.3 0.4	41.7 10.7 2.6 6.6 1.2
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI)	57.9 11.6 4.5 29.7	33.3 11.3 4.7 21.3	41.7 10.7 2.6 6.6 1.2 0.2 1.2

American Samoa

Population (thousands) **65** Land area (sq. km) **200** GDP (\$ millions)

	Country data	East Asia & Pacific group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)	- ::	2,182	7,107
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	92	43 3.5	75 1.4
Population growth (average annual %, 1990–2007)			0.9
Agriculture			
Agricultural land (% of land area)	25		31
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	100	458 120	, -
Population density, rural (people/sq. km of arable land)	273		110
Forests and biodiversity			
Forest area (% of land area)	89.5		
Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area)	0.0	440	0.2 10.3
Animal species, total known	46		10.5
Animal species, threatened	76		
Higher plant species, total known	471		
Higher plant species, threatened	1 0.3		
GEF benefits index for biodiversity (0-100, median is 1.5)	0.3		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.4	4.8
Energy use per capita (kg oil equivalent)		1,258	
Energy from biomass products and waste (% of total)		14.7	7.0
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)		1,669 82.0	
Electricity generated by hydropower (% of total)		15.0	
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.9	0.5
CO ₂ emissions per capita (metric tons)		3.6	
CO ₂ emissions growth (%, 1990–2005)		123.4	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)		69 106	332
Water and sanitation			
Internal freshwater resources per capita (cu. m)		4,948	16,993
Freshwater withdrawal Total (% of internal resources)		10.2	13.8
Agriculture (% of total freshwater withdrawal)		74	13.6 57
Access to improved water source (% of total population)		87	95
Rural (% of rural population)		81	83
Urban (% of urban population)		96 66	98 83
Access to improved sanitation (% of total population) Rural (% of rural population)	••	59	64
Urban (% of urban population)		75	89
Environment and health			
Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)		27	24
· · · · · · · · · · · · · · · · · · ·	••		
National accounting aggregates Gross savings (% of GNI)		48.0	23.2
Consumption of fixed capital (% of GNI)		10.7	12.8
Education expenditure (% of GNI)		2.1	4.4
Energy depletion (% of GNI)		4.9	7.6
Mineral depletion (% of GNI) Net forest depletion (% of GNI)		1.3 0.0	1.3 0.0
CO ₂ damage (% of GNI)		1.3	0.6
Particulate emission damage (% of GNI)		1.3	0.4
Adjusted net savings (% of GNI)		30.6	4.9

The Little Green Data Book 2009

21

Andorra

Population (thousands) 82 Land area (sq. km) 470 GDP (\$ millions)

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)		37,572
Urban population (% of total)	89	78
Urban population growth (average annual %, 1990–2007)		1.0 0.7
Population growth (average annual %, 1990-2007)	••	0.7
Agriculture Agricultural land (% of land area)	55	38
Agricultural productivity (value added per worker, 2000 \$)		27,680
Food production index (1999–2001 = 100)		102
Population density, rural (people/sq. km of arable land)	754	323
Forests and biodiversity	34.0	28.8
Forest area (% of land area)	0.0	-0.1
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	7.0	11.8
Animal species, total known		11.0
Animal species, total known Animal species, threatened	9	
Higher plant species, total known		
Higher plant species, total known Higher plant species, threatened	0	
GEF benefits index for biodiversity (0–100, median is 1.5)	0.0	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)		5,416
Energy from biomass products and waste (% of total)		3.4
Electric power consumption per capita (kWh)		9,675
Electricity generated using fossil fuel (% of total)		62.0
Electricity generated by hydropower (% of total)		11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.4
CO ₂ emissions per capita (metric tons)		12.6
CO ₂ emissions growth (%, 1990–2005)		19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	25	26 1,159
		1,139
Water and sanitation Internal freshwater resources per capita (cu. m)		9,313
Freshwater withdrawal		9,313
Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)	100	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	100	100
Rural (% of rural population)	100	99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	3	7
National accounting aggregates		
Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI)		14.5
Education expenditure (% of GNI)		4.6
Energy depletion (% of GNI)		1.5
Mineral depletion (% of GNI)		0.2
Net forest depletion (% of GNI)		0.0
CO ₂ damage (% of GNI)		0.3
Particulate emission demage (0/ of CNI)		0.3
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)		8.5

Angola

Part Country				
Part	Population (millions) 17 Land area (1,000 sq. km)	1,247 GD	P (\$ billions	61.4
n population (% of total) 56 36 36 42 no population growth (average annual %, 1990-2007) 5.2 4.0 2.5 lation growth (average annual %, 1990-2007) 2.8 2.6 1.3 2.6 lation growth (average annual %, 1990-2007) 2.8 2.6 1.3 2.6 lation growth (average annual %, 1990-2007) 2.8 2.6 1.3 2.6 lation growth (average annual %, 1990-2000\$) 196 287 532 production index (1999-2001 = 100) 148 109 116 lation density, rural (people/sq. km of arable land) 224 351 511 sets and biodiversity at area (% of land area) 47.4 26.5 25.0 25.0 22 0.6 0.1 22 0.1 22 0.6 0.1 22 0.			Saharan Africa	middle- income
International Content Section	GNI per capita, World Bank Atlas method (\$)	2,540	951	1,905
Lation growth (average annual %, 1990-2007) Culture ultural land (% of land area) ultural productivity (value added per worker, 2000 \$) 196 287 532 production index (1999-2001 = 100) 148 109 116 lation density, rural (people/sq. km of arable land) 224 351 511 sets and biodiversity st area (% of land area) 47.4 26.5 25.0 setstation (average annual %, 1990-2005) 0.2 0.6 0.1 setslation (average annual %, 1990-2005) 0.2 0.6 0.1 shally protected area (% of land area) 10.1 11.3 11.0 al species, total known 1,226 al species, threatened 63 er plant species, total known 26 er plant species, total known 27 gry per unit of energy use (2005 PPP \$/kg oil equivalent) 28 yu se per capita (kg oil equivalent) 29 yer more biomass products and waste (% of total) 29 yer from biomass products and waste (% of total) 29 yer generated using fossil fuel (% of total) 29 yer enait of GDP (kg/2005 PPP \$) 20 emissions per unit of GDP (kg/2005 PPP \$) 20 emissions per capita (metric tons) 20 emissions per capita (metric tons) 20 emissions growth (%, 1990-2005) 20 emission growth (% of total) 20 er and sanitation 21 er and sanitation 22 er and sanitation 23 er and sanitation 24 er and sanitation 25 er and sanitation 26 er and sanitation 27 er and sanitation 28 er and sanitation 29 er and sanitation 20 er and sanitation 20 er and sanitation 20 er and sanitation 21 er and population 22 er and sanitation 23 er and sanitation 24 er and sanitation 25 er and sanitation 26 er and sanitation 27 er and sanitation 28 er and sanitation 29 er and sanitation (% of total population) 20 er and sanitation 20 er and sanitation 21 er and sanitation 22 er and sanitation 23 er and sanitation 24 er and sanitation 25 er and sanitation 26 er and sanitation 27 er and sanitation 28 er and sanitation 29 er and	Urban population (% of total)			42
culture ultural land (% of land area) ultural productivity (value added per worker, 2000 \$) 196 287 532 production index (1999-2001 = 100) 148 109 116 lation density, rural (people/sq. km of arable land) 224 351 511 ests and biodiversity st area (% of land area) 47.4 26.5 25.0 restation (average annual %, 1990-2005) 0.2 0.6 0.1 mally protected area (% of land area) 10.1 11.3 11.0 al species, total known 1,226 al species, total known 5,185 er plant species, total known 5,185 er plant species, threatened 26 er plant species, threatened 37 gry per unit of energy use (2005 PPP \$/kg oil equivalent) 6.9 3.0 3.9 gry use per capita (kg oil equivalent) 620 670 1,015 gry from biomass products and waste (% of total) 63.9 56.3 15.2 fricity generated using fossil fuel (% of total) 9.9 65.6 79.0 ricity generated by hydropower (% of total) 9.9 65.6 79.0 ricity generated by hydropower (% of total) 9.0 1 18.0 16.3 ssions and pollution emissions per unit of GDP (kg/2005 PPP \$) 0.1 0.5 0.8 emissions growth (%, 1990-2005) 93.5 40.1 93.8 er and sanitation nal freshwater resources per capita (iters) 78 64 96 er and sanitation nal freshwater resources per capita (iters) 78 64 96 er and sanitation nal freshwater resource (% of total population) 51 58 88 er and situation 99 42 71 ronment and health er esp. infection prevalence (% of total population) 79 42 71 ronment and health er esp. infection prevalence (% of children under five) 8.0 hea pr				2.9
ultural land (% of land area) ultural productivin (value added per worker, 2000 \$) production index (1999-2001 = 100) lation density, rural (people/sq. km of arable land) ust area (% of land area) ust sand biodiversity starea (% of land area) ust sand biodiversity ust sand	Population growth (average allitual %, 1990-2007)	2.0	2.0	1.3
ultural productivity (value added per worker, 2000 \$) 196 287 532 production index (1999-2001 = 100) 148 109 116 lation density, rural (people/sq. km of arable land) 224 351 511 sets and biodiversity starea (% of land area) 47.4 26.5 25.0 sets ation (average annual %, 1990-2005) 0.2 0.6 0.1 onally protected area (% of land area) 10.1 11.3 11.0 alspecies, total known 1,226 alspecies, total known 1,226 alspecies, total known 5,185 are plant species, threatened 63 are plant species, threatened 26 are plant species, total known 29 and 29 are plant species, total known 29 are plant species, total known 29 are apita (klg of internal resources) 20 are apita (metric tons) 29 are apita (metric tons) 29 are apita (metric tons) 20 are a	Agriculture	4.0	4.4	47
production index (1999-2001 = 100)				
### ### ### ### ### ### ### ### ### ##	Food production index (1999-2001 = 100)			116
tat area (% of land area) testation (average annual %, 1990-2005) 0.2 0.6 0.1 mestation (average annual %, 1990-2005) 0.2 0.6 0.1 10.1 11.3 11.0 al species, total known 1,226 al species, threatened 26 replant species, threatened 26 replant species, threatened 27 replant species, threatened 28 replant species, threatened 29 replant species, threatened 20 replant species, threatened 20 replant species, threatened 21 replant species, threatened 22 replant species, threatened 26 replant species, threatened 27 replant species, threatened 28 replant species, threatened 29 replant species, threatened 29 replant species, threatened 20 30 30 30 30 30 30 30 30 30	Population density, rural (people/sq. km of arable land)	224	351	511
restation (average annual %, 1990-2005)	Forests and biodiversity			
mally protected area (% of land area) al species, total known al species, total known al species, threatened ar plant species, threatened benefits index for biodiversity (0-100, median is 1.5) rgy rgy rgy rgy rgy rgy rgy rg	Forest area (% of land area)			25.0
al species, total known al species, threatened al species, threatened 63 er plant species, threatened 26 penefits index for biodiversity (0-100, median is 1.5) 8.3 rgy per unit of energy use (2005 PPP \$/kg oil equivalent) 6.9 3.0 3.5 gy use per capita (kg oil equivalent) 63.9 56.3 15.2 gy use per capita (kg oil equivalent) 63.9 56.3 15.2 gric power consumption per capita (kWh) 153 531 1,266 ricity generated using fossil fuel (% of total) 9.9 65.6 79.6 ricity generated by hydropower (% of total) 90.1 18.0 16.3 essions and pollution emissions per unit of GDP (kg/2005 PPP \$) 0.1 0.5 0.8 emissions per capita (metric tons) 0.6 0.8 2.8 emissions per capita (metric tons) 0.6 0.8 2.8 emissions per capita (metric tons) 0.6 0.8 2.8 emissions growth (%, 1990-2005) 93.5 40.1 93.5 culate matter (urban-popweighted avg., µg/cu. m) 66 53 67 groundstate (withdrawal tal (% of internal resources) 0.2 3.2 8.7 griculture (% of total freshwater withdrawal) 60 87 86 99 er and sanitation 14 (% of internal resources) 0.2 3.2 8.7 griculture (% of total freshwater withdrawal) 60 87 88 sto improved water source (% of total population) 51 58 88 ural (% of rural population) 50 31 55 12 12 (% of urban population) 50 50 51 12 12 (% of urban population) 50 51 12 12 (% of urban population) 50 51 12 12 (% of urban				
al species, threatened 5,185 er plant species, total known program species, total known prepant species, total known prepant species, total known prepant species, total known prepant species, threatened penefits index for biodiversity (0-100, median is 1.5) 8.3 ***TES** **Parametric fines** **Parametric			11.3	11.0
replant species, threatened penefits index for biodiversity (0-100, median is 1.5) 8.3 rgy per unit of energy use (2005 PPP \$/kg oil equivalent) 6.9 3.0 3.9 gy use per capita (kg oil equivalent) 620 670 1,015 gy from biomass products and waste (% of total) 63.9 56.3 15.2 ric power consumption per capita (kWh) 153 531 1,269 ricity generated using fossil fuel (% of total) 9.9 65.6 79.0 ricity generated by hydropower (% of total) 9.0.1 18.0 16.3 ssions and pollution emissions per unit of GDP (kg/2005 PPP \$) 0.1 0.5 0.8 emissions per capita (metric tons) 0.6 0.8 2.8 emissions growth (%, 1990-2005) 93.5 40.1 93.5 culate matter (urban-popweighted avg., µg/cu. m) 66 53 67 er and sanitation nal freshwater resources per capita (cu. m) 8.696 4,824 4,117 mater withdrawal total (% of internal resources) 0.2 3.2 8.7 griculture (% of total freshwater withdrawal) 60 87 sso to improved water source (% of total population) 51 58 88 grant (% of rural population) 62 81 96 sso to improved water source (% of total population) 50 31 55 toral (% of rural population) 79 42 71 romment and health 81 er esp. infection prevalence (% of children under five) 8.0 hea prevalence (% of children under five) 9.0 romment and health 9.0 ration expenditure (% of GNI) 14.3 11.1 10.7 dation expenditure (% of GNI) 55.6 11.7 6.6	Animal species, threatened			
regy per unit of energy use (2005 PPP \$/kg oil equivalent) 6.9 3.0 3.9 gy use per capita (kg oil equivalent) 620 670 1,015 gy use per capita (kg oil equivalent) 63.9 56.3 15.2 grice power consumption per capita (kWh) 153 531 1,266 ricity generated using fossil fuel (% of total) 9.9 65.6 79.0 ricity generated by hydropower (% of total) 9.0.1 18.0 16.3 ssions and pollution emissions per unit of GDP (kg/2005 PPP \$) 0.1 0.5 0.8 emissions per capita (metric tons) 0.6 0.8 2.8 emissions per double (management of the companies of th	Higher plant species, total known			
per unit of energy use (2005 PPP \$/kg oil equivalent) 6.9 3.0 3.9 gy use per capita (kg oil equivalent) 620 670 1,015 gy from biomass products and waste (% of total) 63.9 56.3 15.2 ricity generated using fossil fuel (% of total) 9.9 65.6 79.0 ricity generated using fossil fuel (% of total) 9.9 65.6 79.0 ricity generated by hydropower (% of total) 90.1 18.0 16.3 ssions and pollution emissions per unit of GDP (kg/2005 PPP \$) 0.1 0.5 0.8 emissions per capita (metric tons) 0.6 0.8 2.6 emissions growth (%, 1990-2005) 93.5 40.1 93.5 culate matter (urban-pop-weighted avg., µg/cu. m) 66 53 67 emissions growth (%, 1990-2005) 78 64 95 er and sanitation nal freshwater resources per capita (itiers) 78 64 95 er and sanitation nal freshwater resources per capita (cu. m) 8,696 4,824 4,117 water withdrawal tal (% of internal resources) 0.2 3.2 8.7 griculture (% of total freshwater withdrawal) 60 87 80 sto improved water source (% of total population) 51 58 88 ural (% of rural population) 62 81 96 aral (% of rural population) 62 81 96 aral (% of rural population) 79 42 71 romment and health er esp. infection prevalence (% of children under five) 8.0 hea prevalence (% of children under five) 8.0 refive mortality rate (per 1,000 live births) 158 146 50 onal accounting aggregates savings (% of GNI) 14.3 11.1 10.7 gy depletion (% of GNI) 55.6 11.7 6.6	Higher plant species, threatened			
per unit of energy use (2005 PPP \$/kg oil equivalent)	GEF benefits index for biodiversity (0-100, median is 1.5)	8.3		
gy use per capita (kg oil equivalent) 620 670 1,015 gy from biomass products and waste (% of total) 63.9 56.3 15.2 ricity generated using fossil fuel (% of total) 9.9 65.6 79.0 ricity generated using fossil fuel (% of total) 9.9 65.6 79.0 ricity generated by hydropower (% of total) 90.1 18.0 16.3 ssions and pollution emissions per unit of GDP (kg/2005 PPP \$) 0.1 0.5 0.8 emissions per capita (metric tons) 0.6 0.8 2.8 emissions per unit of GDP (kg/2005) 93.5 40.1 93.5 emissions growth (%, 1990–2005) 93.5 40.1 93.5 emissions per capita (cu. m) 8,696 4,824 4,117 emits (% of internal resources) 93.5 40.1 93.5 emissions growth (% of total freshwater withdrawal) 13.1 58.8 88.0 emissions per capita (cu. m) 8,696 4,824 4,117 emits (% of urban population) 150 31 55 88.8 88.0 emissions per capita (cu. m) 8,696 4,824 4,117 emits (% of urban population) 160 24 4.5 emissions per capita (cu. m) 8,696 4,824 4,117 emits (% of urban population) 160 24 4.5 emissions per capita (cu. m) 8,696 4,824 4,117 emits (% of urban population) 160 24 4.5 emissions per capita (cu. m) 8,696 4,824 4,117 emits (% of urban population) 160 24 4.5 emits (% of urban p	Energy CDD parturit of aparguing (2005 DDD \$ /kg oil aguitalant)	6.0	2.0	2.0
gy from biomass products and waste (% of total) fice power consumption per capita (kWh) fice power consumption per capita (for total) gwissions and pollution fice power consumption per capita (for total) gwissions per unit of GDP (kg/2005 PPP \$) fice power consumption per capita (for total) fice power consumption per capita (for total) gwissions growth (%, 1990–2005) gwissions growth (%, 1990–2005) gwissions gwith (%, 1990–2005) gwith g				
ric power consumption per capita (kWh) 153 531 1,265 ricity generated using fossil fuel (% of total) 9.9 65.6 79.0 ricity generated by hydropower (% of total) 9.0.1 18.0 16.3 ssions and pollution emissions per unit of GDP (kg/2005 PPP\$) 0.1 0.5 0.8 emissions per unit of GDP (kg/2005 PPP\$) 0.1 0.5 0.8 emissions ger capita (metric tons) 0.6 0.8 2.8 emissions growth (%, 1990–2005) 93.5 40.1 93.5 culate matter (urban-popweighted avg., µg/cu. m) 66 53 67 port sector fuel consumption per capita (liters) 78 64 95 er and sanitation nal freshwater resources per capita (cu. m) 8,696 4,824 4,117 eran la freshwater resources per capita (cu. m) 8,696 78 87 87 87 88 87 87 88 87 87 88 88 87 87				15.2
ricity generated by hydropower (% of total) 90.1 18.0 16.3 ssions and pollution emissions per unit of GDP (kg/2005 PPP\$) 0.1 0.5 0.8 emissions per capita (metric tons) 0.6 0.8 2.8 emissions growth (%, 1990-2005) 93.5 40.1 93.5 culate matter (urban-popweighted avg., µg/cu. m) 66 53 67 eport sector fuel consumption per capita (liters) 78 64 95 er and sanitation nal freshwater resources per capita (cu. m) 8,696 4,824 4,117 water withdrawal tal (% of internal resources) 0.2 3.2 8.7 griculture (% of total freshwater withdrawal) 60 87 80 ss to improved water source (% of total population) 51 58 88 ural (% of rural population) 62 81 96 bar (% of urban population) 62 81 96 bar (% of urban population) 79 42 71 ronment and health er esp. infection prevalence (% of children under five) 8.0 hea prevalence (% of children under five) 28.4 ur-five mortality rate (per 1,000 live births) 158 146 50 conal accounting aggregates s savings (% of GNI) 31.8 17.4 41.7 unption of fixed capital (% of GNI) 14.3 11.1 10.7 gy depletion (% of GNI) 55.6 11.7 6.66	Electric power consumption per capita (kWh)	153		1,269
sesions and pollution emissions per unit of GDP (kg/2005 PPP \$) 0.1 0.5 0.8 emissions per capita (metric tons) 0.6 0.8 2.8 emissions growth (%, 1990–2005) 93.5 40.1 93.5 emissions growth (%, 1990–2005) 93.5 emission growth (%, 1990–2005) 93.	Electricity generated using fossil fuel (% of total)			79.0
emissions per unit of GDP (kg/2005 PPP\$) 0.1 0.5 0.8 emissions per capita (metric tons) 0.6 0.8 2.8 emissions growth (%, 1990-2005) 93.5 40.1 93.5 culate matter (urban-pop-weighted avg., µg/cu. m) 66 53 67 port sector fuel consumption per capita (liters) 78 64 95 er and sanitation nal freshwater resources per capita (cu. m) 8,696 4,824 4,117 water withdrawal tal (% of internal resources) 0.2 3.2 8.7 griculture (% of total freshwater withdrawal) 60 87 80 ss to improved water source (% of total population) 51 58 88 ural (% of rural population) 62 81 96 aral (% of rural population) 62 81 96 aral (% of urban population) 50 31 55 ural (% of urban population) 79 42 71 vonment and health er esp. infection prevalence (% of children under five) 8.0 er esp. infection prevalence (% of children under five) 28.4 ur-five mortality rate (per 1,000 live births) 158 17.4 41.7 umption of fixed capital (% of GNI) 14.3 11.1 10.7 group g	Electricity generated by hydropower (% of total)	90.1	18.0	16.3
emissions per capita (metric tons) 0.6 0.8 2.8 emissions growth (%, 1990-2005) 93.5 40.1 93.5 culate matter (urban-popweighted avg., µg/cu.m) 66 53 67 pport sector fuel consumption per capita (liters) 78 64 99 er and sanitation all freshwater resources per capita (cu.m) 8,696 4,824 4,117 exact withdrawal tal (% of internal resources) 0.2 3.2 8.7 griculture (% of total freshwater withdrawal) 60 87 80 set oimproved water source (% of total population) 51 58 88 ural (% of rural population) 62 81 96 set oimproved sanitation (% of total population) 50 31 55 ural (% of rural population) 79 42 71 eronement and health eresp. infection prevalence (% of children under five) 8.0 hea prevalence (% of children under five) 8.0 hea prevalence (% of children under five) 8.0 eresp. infection prevalence (% of children under five) 8.0 hea prevalence (% of children under five) 8.0 eresp. infection prevalence (% of children under	Emissions and pollution			
emissions growth (%, 1990-2005) culate matter (urban-popweighted avg., µg/cu. m) do for and sanitation and freshwater resources per capita (cu. m) and freshwater resources but (% of internal resources) cut (% of internal resources) cut (% of tural resource) cut (% of tural freshwater withdrawal) cut (% of tural population) cut (% of urban popul				
culate matter (urban-popweighted avg., µg/cu. m) 66 53 67 99 port sector fuel consumption per capita (liters) 78 64 99 port sector fuel consumption per capita (liters) 78 64 99 port sector fuel consumption per capita (liters) 78 64 99 port sector fuel consumption per capita (liters) 78 64 99 port sector fuel consumption per capita (cu. m) 8,696 4,824 4,117 port sector withdrawal and fuel fuel fuel fuel fuel fuel fuel fuel				93.5
rer and sanitation nal freshwater resources per capita (cu. m) nal freshwater withdrawal nal (w of internal resources) griculture (% of total freshwater withdrawal) so to improved water source (% of total population) nal (% of rural population) nal (% of urban population) nal (% of urban population) nal (% of urban population) nal (% of rural population) nal (% of rural population) nal (% of urban population) nal (%	Particulate matter (urban-popweighted avg., µg/cu. m)	66		67
nal freshwater resources per capita (cu. m) 8,696 4,824 4,117 water withdrawal tatal (% of internal resources) 0.2 3.2 8.7 griculture (% of total freshwater withdrawal) 60 87 80 ss to improved water source (% of total population) 51 58 88 ural (% of rural population) 62 81 96 ss to improved sanitation (% of total population) 50 31 55 ural (% of urban population) 70 42 71 ronment and health 70 80 80 80 80 80 80 80 80 80 80 80 80 80	Transport sector fuel consumption per capita (liters)	78	64	99
Name	Water and sanitation Internal freshwater resources per capita (cu. m)	8,696	4,824	4,117
griculture (% of total freshwater withdrawal) 60 87 86 85 to improved water source (% of total population) 51 58 88 12ral (% of rural population) 39 46 82 15 15 15 15 15 15 15 15 15 15 15 15 15	Freshwater withdrawal			
ss to improved water source (% of total population) st to improved water source (% of total population) st par (% of rural population) st to improved sanitation (% of total population) st to improve description of total population of total population) st to improve description of total population of total population of total population) st to improve description of total population of total population) st to improve description of total population of tota				
A column				
ss to improved sanitation (% of total population) 50 31 55 pral (% of rural population) 16 24 43 than (% of urban population) 79 42 71 romment and health resp. infection prevalence (% of children under five) 28.4 prifive mortality rate (per 1,000 live births) 158 146 50 romal accounting aggregates savings (% of GNI) 31.8 17.4 41.7 umption of fixed capital (% of GNI) 14.3 11.1 10.7 ation expenditure (% of GNI) 2.3 3.6 2.6 gy depletion (% of GNI) 55.6 11.7 6.6	Rural (% of rural population)			82
Ural (% of rural population) 16	Urban (% of urban population)			96
Property				55
ronment and health Presp. infection prevalence (% of children under five) hea prevalence (% of children under five) the prevalence (% of children under five) the prevalence (% of children under five) the prevalence (% of children under five) 28.4 the prevalence (% of children under five) 158 146 50 tonal accounting aggregates s savings (% of GNI) 31.8 17.4 41.7 umption of fixed capital (% of GNI) 14.3 11.1 10.7 ation expenditure (% of GNI) 2.3 3.6 2.6 gy depletion (% of GNI) 55.6 11.7 6.6				71
e resp. infection prevalence (% of children under five) hea prevalence (% of children under five) hea prevalence (% of children under five) vr-five mortality rate (per 1,000 live births) conal accounting aggregates s savings (% of GNI) umption of fixed capital (% of GNI) ation expenditure (% of GNI) gy depletion (% of GNI) 55.6 11.7 6.6				
hea prevalence (% of children under five) 158 146 50 158 146 50 158 146 158 146 158 146 158 146 158 146 158 146 158 146 158 146 158 158 158 158 178 178 178 178		8.0		
Nonal accounting aggregates Savings (% of GNI) 31.8 17.4 41.7	Diarrhea prevalence (% of children under five)			
s savings (% of GNI) 31.8 17.4 41.7 umption of fixed capital (% of GNI) 14.3 11.1 10.7 ation expenditure (% of GNI) 2.3 3.6 2.6 gy depletion (% of GNI) 55.6 11.7 6.6	Under-five mortality rate (per 1,000 live births)	158	146	50
umption of fixed capital (% of GNI) 14.3 11.1 10.7 ation expenditure (% of GNI) 2.3 3.6 2.6 gy depletion (% of GNI) 55.6 11.7 6.6	National accounting aggregates			
ation expenditure (% of GNI) 2.3 3.6 2.6 gy depletion (% of GNI) 55.6 11.7 6.6	Gross savings (% of GNI)			
gy depletion (% of GNI) 55.6 11.7 6.6				
				6.6
/ai depiedon (//o 01 divi) U.U 1.5 1.2	Mineral depletion (% of GNI)	0.0	1.5	1.2
orest depletion (% of GNI) 0.0 0.5 0.2	Net forest depletion (% of GNI)	0.0		0.2
domosto (0/ of CNI)	CO ₂ damage (% of GNI)	0.2	0.7	1.2
				1.1 23.5
prest depletion (% of GNI) 0.0 0.5	Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	8.0 28.4 158 31.8 14.3 2.3 55.6 0.0	146 17.4 11.1 3.6 11.7 1.5 0.5	
adilage (% 01 GNI) U.2 0.7 1.	Particulate emission damage (% of GNI)	1.3	0.4	
culate emission damage (% of GNI) 1.3 0.4 1.3	Adjusted net savings (% of GNI)	-37.3	-5.0	23.5

Antigua and Barbuda

Population (thousands) 85 Land area (sq. km) 440 GDP (\$ millions) 981

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	11,650	37,572
Urban population (% of total)	31	78
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	1.0 1.9	1.0 0.7
Agriculture		
Agricultural land (% of land area)	32	38
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	2,751 108	27,680 102
Population density, rural (people/sq. km of arable land)	719	323
Forests and biodiversity		
Forest area (% of land area)	21.4	28.8
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	0.0 0.0	-0.1 11.8
Animal species, total known	186	11.0
Animal species, total known Animal species, threatened	34	
Higher plant species, total known	1,158	
Higher plant species, threatened	4	
GEF benefits index for biodiversity (0-100, median is 1.5)	0.7	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)		5,416
Energy from biomass products and waste (% of total)		3.4
Electric power consumption per capita (kWh)		9,675
Electricity generated using fossil fuel (% of total)		62.0
Electricity generated by hydropower (% of total)		11.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per difficult (kg/2003111 \$\pi\$)	5.1	12.6
CO ₂ emissions growth (%, 1990–2005)	40.2	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	12	26
Transport sector fuel consumption per capita (liters)		1,159
Water and sanitation	613	9,313
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	013	9,313
Total (% of internal resources)	9.6	10.4
Agriculture (% of total freshwater withdrawal)	20	43
Access to improved water source (% of total population)		100
Rural (% of rural population)		98
Urban (% of urban population)	95	100
Access to improved sanitation (% of total population)		100
Rural (% of rural population) Urban (% of urban population)	98	99 100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	11	7
National accounting aggregates		20.6
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)		20.6 14.5
Education expenditure (% of GNI)	3.9	4.6
Energy depletion (% of GNI)	0.0	1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)		0.0
CO ₂ damage (% of GNI)	0.4	0.3
Particulate emission damage (% of GNI)		0.3
Adjusted net savings (% of GNI)		8.5

24

Argentina

Population (millions) 40 Land area (1,000 sq. km) 2,737 GDP (\$ billions) Latin Upper America & middle-Country Caribbean income data group group GNI per capita, World Bank Atlas method (\$) 6.040 5.801 7,107 Urban population (% of total) 92 78 75 Urban population growth (average annual %, 1990-2007) 1.4 2.1 1.4 Population growth (average annual %, 1990-2007) 0.9 1.1 1.5 Agriculture Agricultural land (% of land area) 47 36 31 Agricultural productivity (value added per worker, 2000 \$) 10,762 3,158 2,947 Food production index (1999-2001 = 100) 114 117 113 232 110 Population density, rural (people/sq. km of arable land) 12 Forests and biodiversity 45.4 39.3 Forest area (% of land area) 12 1 Deforestation (average annual %, 1990-2005) 0.5 0.2 0.4 Nationally protected area (% of land area) 6.3 16.7 10.3 1 413 Animal species, total known Animal species, threatened 159 9.372 Higher plant species, total known Higher plant species, threatened 44 GEF benefits index for biodiversity (0-100, median is 1.5) 17.7 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 4.8 6.6 7.3 Energy use per capita (kg oil equivalent) 1,766 1,240 2,300 15.9 Energy from biomass products and waste (% of total) 3.7 7.0 Electric power consumption per capita (kWh) 2,620 1,808 3,242 Electricity generated using fossil fuel (% of total) 59.0 37.0 62.8 Electricity generated by hydropower (% of total) 33.0 57.3 27.6 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.4 0.3 0.5 CO₂ emissions per capita (metric tons) 3.9 2.5 5.5 CO_2 emissions growth (%, 1990–2005) 39.2 33.4 -8.3 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 73 35 30 Transport sector fuel consumption per capita (liters) 312 295 332 Water and sanitation 6,987 23,965 16,993 Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) 10.6 20 13.8 Agriculture (% of total freshwater withdrawal) 71 57 74 96 91 95 Access to improved water source (% of total population) Rural (% of rural population) 80 73 83 Urban (% of urban population) 98 97 98 Access to improved sanitation (% of total population) 91 78 83 Rural (% of rural population) 83 51 64 Urban (% of urban population) 92 86 89 **Environment and health** Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 16 26 24 National accounting aggregates Gross savings (% of GNI) 27.2 22.9 23.2 Consumption of fixed capital (% of GNI) 12.4 12.6 12.8 Education expenditure (% of GNI) 4.0 4.5 4.4 Energy depletion (% of GNI) 7.7 5.4 7.6 Mineral depletion (% of GNI) 0.6 1.9 1.3 Net forest depletion (% of GNI) 0.0 0.0 0.0 0.5 0.6 CO₂ damage (% of GNI) 0.3 Particulate emission damage (% of GNI) 1.6 0.4 0.4

The Little Green Data Book 2009

8.3

6.7

4.9

25

Adjusted net savings (% of GNI)

Armenia

Population (millions) 3.0 Land area (1,000 sq. km)	28.2 GD	28.2 GDP (\$ billions)	
	Country data	Europe & Central Asia group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	2,630		
Urban population (% of total)	64		
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	-1.3 -1.0		
Agriculture			
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	49 4,198	28 2,228	
Food production index (1999–2001 = 100)	124		
Population density, rural (people/sq. km of arable land)	219	129	511
Forests and biodiversity			
Forest area (% of land area)	10.0		
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	1.3 8.7		
Animal species, total known	380		11.0
Animal species, threatened	36		
Higher plant species, total known	3,553		
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	0.2		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	5.5	3.5	3.9
Energy use per capita (kg oil equivalent)	859		
Energy from biomass products and waste (% of total)	0.0		
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	1,612 24.8	-,	
Electricity generated by hydropower (% of total)	30.7		
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3		
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	1.4 3.6		
Particulate matter (urban-popweighted avg., µg/cu. m)	59		
Transport sector fuel consumption per capita (liters)	67	255	99
Water and sanitation Internal freshwater resources per capita (cu. m)	3,023	11,806	4,117
Freshwater withdrawal			
Total (% of internal resources)	32.5 66		
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	98		
Rural (% of rural population)	96		
Urban (% of urban population)	99		
Access to improved sanitation (% of total population)	91 81		
Rural (% of rural population) Urban (% of urban population)	96		
Environment and health			
Acute resp. infection prevalence (% of children under five)	8.0		
Diarrhea prevalence (% of children under five)	7.8		
Under-five mortality rate (per 1,000 live births)	24	23	50
National accounting aggregates Gross savings (% of GNI)	29.7	24.0	41.7
Consumption of fixed capital (% of GNI)	10.7		
Education expenditure (% of GNI)	2.2	4.0	2.6
Energy depletion (% of GNI)	0.0		
Mineral depletion (% of GNI)	1.1		
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0 0.4		
Particulate emission damage (% of GNI)	1.6		
Adjusted net savings (% of GNI)	18.1	3.2	23.5

Aruba

Population (thousands) 101 Land area (sq. km)

180 GDP (\$ billions)

1.9

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)		37,572
Urban population (% of total)	47	78
Urban population growth (average annual %, 1990–2007)		1.0
Population growth (average annual %, 1990-2007)		0.7
Agriculture	11	20
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	11	38 27,680
Food production index (1999-2001 = 100)	104	102
Population density, rural (people/sq. km of arable land)	2,678	323
Forests and biodiversity		
Forest area (% of land area)	2.2	28.8
Deforestation (average annual %, 1990–2005)		-0.1
Nationally protected area (% of land area)		11.8
Animal species, total known	92	
Animal species, threatened	22	
Higher plant species, total known	460	
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	0.3	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)		5,416
Energy from biomass products and waste (% of total)		3.4
Electric power consumption per capita (kWh)		9,675
Electricity generated using fossil fuel (% of total)		62.0
Electricity generated by hydropower (% of total)		11.4
Emissions and pollution		0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	23.0	0.4 12.6
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	25.5 25.5	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	25.5	26
Transport sector fuel consumption per capita (liters)		1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)		9,313
Freshwater withdrawal		
Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)	100	100
Rural (% of rural population) Urban (% of urban population)	100 100	98 100
Access to improved sanitation (% of total population)	100	100
Rural (% of rural population)		99
Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)		7
National accounting aggregates		00.0
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	**	20.6 14.5
Education expenditure (% of GNI)		4.6
Energy depletion (% of GNI)		1.5
		0.2
Mineral depletion (% of GNI)		0.0
Mineral depletion (% of GNI) Net forest depletion (% of GNI)		0.0 0.3
Mineral depletion (% of GNI) Net forest depletion (% of GNI) CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	 	

Australia

Population (millions) 21 Land area (1,000 sq. km) 7,682 GDP (\$ billions) 821.0

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	35,760 89	37,572 78
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	1.4 1.2	1.0 0.7
Agriculture Agricultural land (% of land area)	58	38
Agricultural productivity (value added per worker, 2000 \$)	33,252	27,680
Food production index (1999–2001 = 100)	101	102
Population density, rural (people/sq. km of arable land)	5	323
Forests and biodiversity Forest area (% of land area)	21.3	28.8
Deforestation (average annual %, 1990-2005)	0.2	-0.1
Nationally protected area (% of land area)	9.6	11.8
Animal species, total known	1,227	
Animal species, threatened Higher plant species, total known	733 15,638	
Higher plant species, threatened	55	
GEF benefits index for biodiversity (0–100, median is 1.5)	87.7	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	5.4	6.3
Energy use per capita (kg oil equivalent)	5,917	5,416
Energy from biomass products and waste (% of total)	4.1	3.4
Electric power consumption per capita (kWh)	11,332	9,675
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	92.3 6.2	62.0 11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.6	0.4
CO ₂ emissions per capita (metric tons)	18.1	12.6
CO ₂ emissions growth (%, 1990-2005) Particulate matter (urban-popweighted avg., µg/cu. m)	25.9 15	19.1 26
Transport sector fuel consumption per capita (liters)	1,199	1,159
Water and sanitation	00.440	0.040
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	23,412	9,313
Total (% of internal resources)	4.9	10.4
Agriculture (% of total freshwater withdrawal)	75	43
Access to improved water source (% of total population)	100	100
Rural (% of rural population) Urban (% of urban population)	100 100	98 100
Access to improved sanitation (% of total population)	100	100
Rural (% of rural population)	100	99
Urban (% of urban population)	100	100
Environment and health Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	6	7
National accounting aggregates	22.0	20.0
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	22.8 15.3	20.6 14.5
Education expenditure (% of GNI)	4.8	4.6
Energy depletion (% of GNI)	2.9	1.5
Mineral depletion (% of GNI)	3.8	0.2
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0 0.3	0.0
Particulate emission damage (% of GNI)	0.1	0.3
Adjusted net savings (% of GNI)	5.2	8.5

28

2009 The Little Green Data Book

Green09 0427.indd 28 4/28/09 11:11:22 AM

Austria

Population (millions) 8.3 Land area (1,000 sq. km) 82.5 GDP (\$ billions) 373.2

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	41,960	37,572
Urban population (% of total)	67	78
Urban population growth (average annual %, 1990–2007)	0.5	1.0
Population growth (average annual %, 1990-2007)	0.4	0.7
Agriculture Agricultural land (% of land area)	40	38
Agricultural productivity (value added per worker, 2000 \$)	22,775	27,680
Food production index (1999-2001 = 100)	99	102
Population density, rural (people/sq. km of arable land)	199	323
Forests and biodiversity	46.8	28.8
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	-0.2	-0.1
Nationally protected area (% of land area)	28.5	11.8
Animal species, total known	513	11.0
Animal species, threatened	66	
Higher plant species, total known	3,100	
Higher plant species, threatened	4	
GEF benefits index for biodiversity (0–100, median is 1.5)	0.3	
Energy CDP per unit of opergy use (2005 PPP \$ /kg oil equivalent)	8.4	6.3
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	4,132	5,416
Energy from biomass products and waste (% of total)	13.1	3,410
Electric power consumption per capita (kWh)	8,090	9,675
Electricity generated using fossil fuel (% of total)	34.0	62.0
Electricity generated by hydropower (% of total)	57.4	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	8.9 27.8	12.6 19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	33	26
Transport sector fuel consumption per capita (liters)	906	1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	6,614	9,313
Freshwater withdrawal		
Total (% of internal resources)	3.8	10.4 43
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	1 100	100
Rural (% of rural population)	100	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	100	100
Rural (% of rural population)	100	99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	4	7
National accounting aggregates		
Gross savings (% of GNI)	26.2	20.6
Consumption of fixed capital (% of GNI)	15.1	14.5
Education expenditure (% of GNI)	5.3	4.6
Energy depletion (% of GNI)	0.2	1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI)	0.1 0.3	0.3
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)	0.3 15.7	0.3 8.5
najastea net savings (70 til aivi)	13.1	6.0

Azerbaijan

Population (millions) 8.6 Land area (1,000 sq. km)	82.7 GD	P (\$ billions) 31.2
	Country data	Europe & Central Asia group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	2,640	6,052	1,905
Urban population (% of total)	52		
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	0.8 1.0		
Agriculture			
Agricultural land (% of land area)	58		
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	1,212 137		
Population density, rural (people/sq. km of arable land)	221	129	
Forests and biodiversity			
Forest area (% of land area)	11.3		
Deforestation (average annual %, 1990–2005)	0.0		
Nationally protected area (% of land area) Animal species, total known	4.8 446		11.0
Animal species, total known Animal species, threatened	40		
Higher plant species, total known	4,300		
Higher plant species, threatened	0		
GEF benefits index for biodiversity (0-100, median is 1.5)	0.8		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	3.6	3.5	3.9
Energy use per capita (kg oil equivalent)	1,659		
Energy from biomass products and waste (% of total)	0.0		
Electric power consumption per capita (kWh)	2,514	,	
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	89.3 10.7		
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	1.0		
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	4.4 -20.5		
Particulate matter (urban-popweighted avg., µg/cu. m)	-20.5		
Transport sector fuel consumption per capita (liters)	192		
Water and sanitation Internal freshwater resources per capita (cu. m)	948	11,806	4,117
Freshwater withdrawal	340	11,000	4,111
Total (% of internal resources)	150.5		
Agriculture (% of total freshwater withdrawal)	76		
Access to improved water source (% of total population) Rural (% of rural population)	78 59		
Urban (% of urban population)	95		
Access to improved sanitation (% of total population)	80		
Rural (% of rural population) Urban (% of urban population)	70 90		
	90	34	(1
Environment and health Acute resp. infection prevalence (% of children under five)	3.0		
Diarrhea prevalence (% of children under five)	21.7		
Under-five mortality rate (per 1,000 live births)	39	23	50
National accounting aggregates	F0 0	04.0	44 -
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	59.9 13.5		
Education expenditure (% of GNI)	2.8		
Energy depletion (% of GNI)	52.6		
Mineral depletion (% of GNI)	0.0		
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0 2.0		
Particulate emission damage (% of GNI)	1.2		
Adjusted net savings (% of GNI)	-6.6		

2009 The Little Green Data Book

Bahamas, The

Population (thousands) **331** Land area (1,000 sq. km) **10** GDP (\$ billions) **6.**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	17,160	37,572
Urban population (% of total)	84	78
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	1.8 1.5	1.0 0.7
Agriculture		
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	1 28,961	38 27,680
Food production index (1999–2001 = 100)	105	102
Population density, rural (people/sq. km of arable land)	683	323
Forests and biodiversity	54.4	00.0
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	51.4 0.0	28.8 -0.1
Nationally protected area (% of land area)	0.1	11.8
Animal species, total known	347	11.0
Animal species, threatened	49	
Higher plant species, total known	1,111	
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	5 3.6	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)		5,416
Energy from biomass products and waste (% of total)		3.4
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)		9,675 62.0
Electricity generated by hydropower (% of total)		11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.4
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	6.5 8.1	12.6 19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	37	26
Transport sector fuel consumption per capita (liters)		1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	60	9,313
Freshwater withdrawal Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)		100
Rural (% of rural population)		98
Urban (% of urban population)	98	100
Access to improved sanitation (% of total population)	100 100	100 99
Rural (% of rural population) Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		7
Under-five mortality rate (per 1,000 live births)	13	7
National accounting aggregates Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI)		14.5
Education expenditure (% of GNI)		4.6
Energy depletion (% of GNI)		1.5
Mineral depletion (% of GNI) Net forest depletion (% of GNI)		0.2 0.0
CO ₂ damage (% of GNI)		0.0
Particulate emission damage (% of GNI)		0.3

The Little Green Data Book 2009

31

Bahrain

Population (thousands) 753 Land area (sq. km)	710 GDP	(\$ millions) 15.8
	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	17,390	37,572
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	88 2.5	78 1.0
Population growth (average annual %, 1990-2007)	2.5	0.7
Agriculture	4.4	20
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	14	38 27,680
Food production index (1999–2001 = 100)	131	102
Population density, rural (people/sq. km of arable land)	4,204	323
Forests and biodiversity	0.7	20.0
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	0.7	28.8 -0.1
Nationally protected area (% of land area)	1.1	11.8
Animal species, total known	210	
Animal species, threatened Higher plant species, total known	30 195	
Higher plant species, total known Higher plant species, threatened		
GEF benefits index for biodiversity (0–100, median is 1.5)	0.0	
Energy	0.5	0.0
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	2.5 11,874	6.3 5,416
Energy from biomass products and waste (% of total)	0.0	3,410
Electric power consumption per capita (kWh)	12,628	9,675
Electricity generated using fossil fuel (% of total)	100.0	62.0
Electricity generated by hydropower (% of total)	0.0	11.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	1.0	0.4
CO ₂ emissions per capita (metric tons)	27.1	12.6
CO ₂ emissions growth (%, 1990–2005)	68.0	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	68	26
Transport sector fuel consumption per capita (liters)	1,385	1,159
Water and sanitation Internal freshwater resources per capita (cu. m)	5	9,313
Freshwater withdrawal		-,-
Total (% of internal resources)	8,935.0	10.4
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	45	43 100
Rural (% of rural population)		98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)		100
Rural (% of rural population) Urban (% of urban population)	100	99 100
Environment and health		
Acute resp. infection prevalence (% of children under five)	8.3	
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	8.4 10	7
	10	
National accounting aggregates Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI)		14.5
Education expenditure (% of GNI)		4.6
Energy depletion (% of GNI) Mineral depletion (% of GNI)		1.5 0.2
Net forest depletion (% of GNI)		0.2
CO ₂ damage (% of GNI)		0.3
Particulate emission damage (% of GNI)		0.3
Adjusted net savings (% of GNI)		8.5

32 2009 The Little Green Data Book

Bangladesh

Population (millions) **159** Land area (1,000 sq. km) **130** GDP (\$ billions) **68.4**

	Country data	South Asia group	Low- income group
GNI per capita, World Bank Atlas method (\$)	470	880	574
Urban population (% of total)	27	29	32
Urban population growth (average annual %, 1990-2007)	3.7	2.7	3.7
Population growth (average annual %, 1990–2007)	2.0	1.8	2.4
Agriculture Agricultural land (% of land area)	69	55	39
Agricultural productivity (value added per worker, 2000 \$)	346	417	330
Food production index (1999–2001 = 100)	110	107	112
Population density, rural (people/sq. km of arable land)	1,432	617	603
Forests and biodiversity			
Forest area (% of land area)	6.7	16.8	
Deforestation (average annual %, 1990–2005)	0.1 0.7	-0.1 5.6	0.7 10.8
Nationally protected area (% of land area) Animal species, total known	735	5.0	10.8
Animal species, total known Animal species, threatened	97		
Higher plant species, total known	5,000		
Higher plant species, threatened	12		
GEF benefits index for biodiversity (0-100, median is 1.5)	1.4		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	7.0	4.8	3.2
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	161 33.7	468 30.4	478 53.8
Electric power consumption per capita (kWh)	146	453	309
Electricity generated using fossil fuel (% of total)	94.3	78.3	48.4
Electricity generated by hydropower (% of total)	5.7	17.4	38.8
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.5	
CO ₂ emissions per capita (metric tons)	0.3	1.1	0.6
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	160.1 135	106.7 78	39.3 69
Transport sector fuel consumption per capita (liters)	11	33	41
Water and sanitation			
Internal freshwater resources per capita (cu. m)	662	1,196	4,619
Freshwater withdrawal			
Total (% of internal resources)	75.6	51.7	9.4
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	96 80	89 87	90 68
Rural (% of rural population)	78	84	60
Urban (% of urban population)	85	94	84
Access to improved sanitation (% of total population)	36	33	39
Rural (% of rural population)	32	23	33
Urban (% of urban population)	48	57	54
Environment and health			
Acute resp. infection prevalence (% of children under five)	20.8		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	6.1 61	78	126
National accounting aggregates			
Gross savings (% of GNI)	32.2	36.2	25.4
Consumption of fixed capital (% of GNI)	7.7	9.5	9.3
Education expenditure (% of GNI)	1.8	3.0	2.6
Energy depletion (% of GNI)	2.9	2.7	9.8
Mineral depletion (% of GNI)	0.0	0.6	0.9
Net forest depletion (% of GNI)	0.7 0.4	0.9 1.0	0.8 0.7
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	0.4	0.8	0.7
		0.0	0.1

Barbados

Population (thousands) 294 Land area (sq. km) **430** GDP (\$ billions) 3.0

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	8,080	37,572
Urban population (% of total)	39	78
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	1.6 0.5	1.0 0.7
Agriculture		
Agricultural land (% of land area)	44	38
Agricultural productivity (value added per worker, 2000 \$)	15,533	27,680
Food production index (1999-2001 = 100) Population density, rural (people/sq. km of arable land)	105 1,124	102 323
Forests and biodiversity		
Forest area (% of land area)	4.0	28.8
Deforestation (average annual %, 1990–2005)	0.0	-0.1
Nationally protected area (% of land area) Animal species, total known	0.0 236	11.8
Animal species, total known Animal species, threatened	33	
Higher plant species, total known	572	
Higher plant species, threatened	2	
GEF benefits index for biodiversity (0–100, median is 1.5)	0.4	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)		5,416
Energy from biomass products and waste (% of total)		3.4
Electric power consumption per capita (kWh)		9,675
Electricity generated using fossil fuel (% of total)		62.0
Electricity generated by hydropower (% of total)		11.4
Emissions and pollution	0.0	0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3 4.5	0.4 12.6
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	22.1	12.0
Particulate matter (urban-popweighted avg., µg/cu. m)	40	26
Transport sector fuel consumption per capita (liters)		1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	272	9,313
Freshwater withdrawal	112.5	10.4
Total (% of internal resources) Agriculture (% of total freshwater withdrawal)	22	43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)	100	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	99	100
Rural (% of rural population)	100	99
Urban (% of urban population)	99	100
Environment and health Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	12	7
National accounting aggregates		
Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)		14.5 4.6
Energy depletion (% of GNI)		4.6 1.5
Mineral depletion (% of GNI)		0.2
Net forest depletion (% of GNI)		0.0
CO ₂ damage (% of GNI)		0.3
		0.3
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)		8.5

34

2009 The Little Green Data Book

Green09 0427.indd 34 4/28/09 11:11:23 AM

Belarus

Population (millions) 9.7 Land area (1,000 sq. km) 207.5 GDP (\$ billions) Europe & Upper Central middle-Country Asia income data group group GNI per capita, World Bank Atlas method (\$) 4.220 6.052 7.107 73 Urban population (% of total) 64 75 Urban population growth (average annual %, 1990-2007) 0.3 0.2 1.4 Population growth (average annual %, 1990-2007) -0.30.9 0.1 Agriculture Agricultural land (% of land area) 43 28 31 3,445 Agricultural productivity (value added per worker, 2000 \$) 2,228 2,947 Food production index (1999-2001 = 100) 118 113 Population density, rural (people/sq. km of arable land) 129 110 50 Forests and biodiversity 38.0 38.3 39.3 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.0 0.2 -0.5Nationally protected area (% of land area) 5.2 6.1 10.3 Animal species, total known 297 Animal species, threatened 17 2.100 Higher plant species, total known Higher plant species, threatened 0.0 GEF benefits index for biodiversity (0-100, median is 1.5) GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 4.8 3.2 3.5 Energy use per capita (kg oil equivalent) 2,939 2,930 2,300 Energy from biomass products and waste (% of total) 5.0 2.2 7.0 Electric power consumption per capita (kWh) 3,322 3,835 3,242 Electricity generated using fossil fuel (% of total) 99.6 67.7 62.8 Electricity generated by hydropower (% of total) 0.117.4 27.6 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 8.0 0.7 0.5 CO₂ emissions per capita (metric tons) 6.5 7.0 5.5 CO_2 emissions growth (%, 1990–2005) 41.3 -29.3-8.3 27 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 6 30 Transport sector fuel consumption per capita (liters) 192 255 332 Water and sanitation 11,806 16,993 Internal freshwater resources per capita (cu. m) 3,834 Freshwater withdrawal Total (% of internal resources) 75 72 13.8 Agriculture (% of total freshwater withdrawal) 30 60 57 100 95 95 Access to improved water source (% of total population) Rural (% of rural population) 99 88 83 Urban (% of urban population) 100 99 98 Access to improved sanitation (% of total population) 93 89 83 Rural (% of rural population) 97 79 64 Urban (% of urban population) 91 94 89 **Environment and health** Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 13 23 24 National accounting aggregates Gross savings (% of GNI) 26.9 24.0 23.2 Consumption of fixed capital (% of GNI) 12.8 12.8 118 Education expenditure (% of GNI) 4.9 4.0 4.4 Energy depletion (% of GNI) 0.1 9.8 7.6 Mineral depletion (% of GNI) 0.0 0.7 1.3 Net forest depletion (% of GNI) 0.0 0.0 0.0 0.6 CO₂ damage (% of GNI) 1.4 1.0 Particulate emission damage (% of GNI) 0.5 0.4 18.5 3.2 4.9 Adjusted net savings (% of GNI)

The Little Green Data Book 2009

35

Belgium

Population (millions) 11 Land area (1,000 sq. km) 30 GDP (\$ billions) 452.8

GNI per capita, World Bank Atlas method (\$) Urban population (% of total) Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007) Agriculture Agricultural productivity (value added per worker, 2000 \$) Food production index (1999-2001 = 100) Population density, rural (people/sq. km of arable land) Forests and biodiversity Forest area (% of land area) Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area) Animal species, total known Animal species, threatened Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy grom biomass products and waste (% of total)	41,110 97 0.4 0.4 46 39,812 97 34 22.1 0.1 3.2 519 26 1,550 1 0.0 5.7 5,782 5,9 8,684	5,416
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007) Agriculture Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$) Food production index (1999-2001 = 100) Population density, rural (people/sq. km of arable land) Forests and biodiversity Forest area (% of land area) Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area) Animal species, total known Animal species, threatened Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	0.4 0.4 0.4 46 39,812 97 34 22.1 0.1 3.2 519 26 1,550 1 0.0 5.7 5,782 5.9	1.0 0.7 38 27,680 102 323 28.8 -0.1 11.8
Population growth (average annual %, 1990–2007) Agriculture Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land) Forests and biodiversity Forest area (% of land area) Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area) Animal species, total known Animal species, threatened Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	0.4 46 39,812 97 34 22.1 0.1 3.2 519 26 1,550 1 0.0 5.7 5,782 5.9	0.7 38 27,680 102 323 28.8 -0.1 11.8
Agriculture Agriculture Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land) Forests and biodiversity Forest area (% of land area) Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area) Animal species, total known Animal species, threatened Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	46 39,812 97 34 22.1 0.1 3.2 519 26 1,550 1 0.0	38 27,680 102 323 28.8 -0.1 11.8
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$) Food production index (1999-2001 = 100) Population density, rural (people/sq. km of arable land) Forests and biodiversity Forest area (% of land area) Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area) Animal species, total known Animal species, threatened Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	39,812 97 34 22.1 0.1 3.2 519 26 1,550 1 0.0 5.7 5,782 5.9	27,680 102 323 28.8 -0.1 11.8
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land) Forests and biodiversity Forest area (% of land area) Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area) Animal species, total known Animal species, total known Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	97 34 22.1 0.1 3.2 519 26 1,550 1 0.0 5.7 5,782 5.9	102 323 28.8 -0.1 11.8
Population density, rural (people/sq. km of arable land) Forests and biodiversity Forest area (% of land area) Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area) Animal species, total known Animal species, threatened Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	22.1 0.1 3.2 519 26 1,550 1 0.0 5.7 5,782 5.9	28.8 -0.1 11.8 6.3 5,416
Forests and biodiversity Forest area (% of land area) Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area) Animal species, total known Animal species, threatened Higher plant species, total known Higher plant species, total known GEF benefits index for biodiversity (0–100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	22.1 0.1 3.2 519 26 1,550 1 0.0	28.8 -0.1 11.8 6.3 5,416
Forest area (% of land area) Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area) Animal species, total known Animal species, threatened Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	0.1 3.2 519 26 1,550 1 0.0 5.7 5,782 5.9	-0.1 11.8 6.3 5,416
Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area) Animal species, total known Animal species, threatened Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	0.1 3.2 519 26 1,550 1 0.0 5.7 5,782 5.9	-0.1 11.8 6.3 5,416
Nationally protected area (% of land area) Animal species, total known Animal species, threatened Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	3.2 519 26 1,550 1 0.0 5.7 5,782 5.9	6.3 5,416
Animal species, total known Animal species, total known Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	519 26 1,550 1 0.0 5.7 5,782 5.9	6.3 5,416
Animal species, threatened Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	26 1,550 1 0.0 5.7 5,782 5.9	5,416
Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	5.7 5,782 5.9	5,416
GEF benefits index for biodiversity (0–100, median is 1.5) Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	5.7 5,782 5.9	5,416
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	5.7 5,782 5.9	6.3 5,416
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	5,782 5.9	5,416
Energy use per capita (kg oil equivalent)	5,782 5.9	5,416
	5.9	
		2/
Electric power consumption per capita (kWh)		3.4 9,675
Electricity generated using fossil fuel (% of total)	39.9	62.0
Electricity generated by hydropower (% of total)	0.4	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per capita (metric tons)	9.8	12.6
CO ₂ emissions growth (%, 1990–2005)	3.6	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	22 894	26 1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	1,129	9,313
Freshwater withdrawal	,	,
Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)		100
Rural (% of rural population)		98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)		100 99
Rural (% of rural population) Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	5	7
National accounting aggregates		
Gross savings (% of GNI)	24.8	20.6
Consumption of fixed capital (% of GNI)	14.6	14.5
Education expenditure (% of GNI)	5.8	4.6
Energy depletion (% of GNI)	0.0	1.5
Mineral depletion (% of GNI)	0.0 0.0	0.2
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0	0.0
Particulate emission damage (% of GNI)	0.2	0.3
Adjusted net savings (% of GNI)	15.7	8.5

36 2009 The Little Green Data Book

Belize

Population (thousands) 304 Land area (1,000 sq. km)	23 GE	OP (\$ billions) 1.3
	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	3,760		7,107
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	51 3.2		75 1.4
Population growth (average annual %, 1990–2007)	2.8		0.9
Agriculture			
Agricultural land (% of land area)	6,696		
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	116	,	2,947 113
Population density, rural (people/sq. km of arable land)	208		110
Forests and biodiversity			
Forest area (% of land area)	72.5		
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	0.0 35.8		0.2 10.3
Animal species, total known	691		10.0
Animal species, threatened	55		
Higher plant species, total known Higher plant species, threatened	2,894 30		
GEF benefits index for biodiversity (0–100, median is 1.5)	1.7		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)			
Energy use per capita (kg oil equivalent)		45.0	2,300 7.0
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)		1 000	
Electricity generated using fossil fuel (% of total)		27.0	62.8
Electricity generated by hydropower (% of total)		57.3	27.6
Emissions and pollution	0.4	0.0	0.5
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.4 2.8		0.5 5.5
CO ₂ emissions growth (%, 1990–2005)	162.4		-8.3
Particulate matter (urban-popweighted avg., µg/cu. m)	15		30
Transport sector fuel consumption per capita (liters)		. 295	332
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	52,633	23,965	16,993
Total (% of internal resources)	0.9		13.8
Agriculture (% of total freshwater withdrawal)	20	0.4	57
Access to improved water source (% of total population) Rural (% of rural population)		70	95 83
Urban (% of urban population)	100		98
Access to improved sanitation (% of total population)			83
Rural (% of rural population) Urban (% of urban population)		0.0	64 89
Environment and health			
Acute resp. infection prevalence (% of children under five)	6.7		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	11.0 25		24
	20	20	27
National accounting aggregates Gross savings (% of GNI)		22.9	23.2
Consumption of fixed capital (% of GNI)	12.8	12.6	12.8
Education expenditure (% of GNI)	5.1		4.4
Energy depletion (% of GNI) Mineral depletion (% of GNI)	0.0		7.6 1.3
Net forest depletion (% of GNI)	0.0		0.0
CO ₂ damage (% of GNI)	0.6	0.3	0.6
Particulate emission damage (% of GNI)	0.0	0.7	0.4 4.9
Adjusted net savings (% of GNI)		6.7	4.9

The Little Green Data Book 2009

Benin

Population (millions) 9.0 Land area (1,000 sq. km)	110.6 GD	P (\$ billions)	5.4
	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	570	951	574
Urban population (% of total)	41	36	
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	4.3 3.3	4.0 2.6	3.7 2.4
Agriculture			
Agricultural land (% of land area)	32	44	39
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	536 123	287 109	330 112
Population density, rural (people/sq. km of arable land)	185	351	603
Forests and biodiversity			
Forest area (% of land area)	21.3	26.5	
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	2.3 23.6	0.6 11.3	
Animal species, total known	644	11.5	10.0
Animal species, threatened	33		
Higher plant species, total known	2,500		
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	14 0.2		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	3.8	3.0	3.2
Energy use per capita (kg oil equivalent)	321	670	478
Energy from biomass products and waste (% of total)	61.1	56.3 531	53.8
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	69 100.0	65.6	309 48.4
Electricity generated by hydropower (% of total)	0.0	18.0	38.8
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2 0.3	0.5 0.8	
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	259.0	40.1	39.3
Particulate matter (urban-popweighted avg., µg/cu. m)	46	53	69
Transport sector fuel consumption per capita (liters)	79	64	41
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	1,141	4,824	4,619
Total (% of internal resources)	1.3	3.2	9.4
Agriculture (% of total freshwater withdrawal)	45	87	90
Access to improved water source (% of total population)	65 57	58 46	68
Rural (% of rural population) Urban (% of urban population)	78	81	60 84
Access to improved sanitation (% of total population)	30	31	39
Rural (% of rural population)	11	24	33
Urban (% of urban population)	59	42	54
Environment and health Acute resp. infection prevalence (% of children under five)	12.0		
Diarrhea prevalence (% of children under five)	13.4		
Under-five mortality rate (per 1,000 live births)	123	146	126
National accounting aggregates		17.4	25.4
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	8.8	17.4 11.1	25.4 9.3
Education expenditure (% of GNI)	3.6	3.6	
Energy depletion (% of GNI)	0.0	11.7	9.8
Mineral depletion (% of GNI)	0.0	1.5	
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.9 0.3	0.5 0.7	0.8 0.7
Particulate emission damage (% of GNI)	0.3	0.7	
Adjusted net savings (% of GNI)		-5.0	5.8

2009 The Little Green Data Book

Bermuda

Population (thousands) 64 Land area (sq. km) 50 GDP (\$ billions) 5.

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)		37,572
Urban population (% of total)	100	78
Urban population growth (average annual %, 1990–2007		1.0
Population growth (average annual %, 1990-2007)	0.3	0.7
Agriculture Agricultural land (% of land area)	20	38
Agricultural fand (% of fand area) Agricultural productivity (value added per worker, 2000 \$		27,680
Food production index (1999–2001 = 100)	93	102
Population density, rural (people/sq. km of arable land)	0	323
Forests and biodiversity		
Forest area (% of land area)	20.0	28.8
Deforestation (average annual %, 1990-2005)	0.0	-0.1
Nationally protected area (% of land area)	2.0	11.8
Animal species, total known	243	
Animal species, threatened	47 167	
Higher plant species, total known Higher plant species, threatened	4	
GEF benefits index for biodiversity (0–100, median is 1.5)		
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)		5,416
Energy from biomass products and waste (% of total)		3.4
Electric power consumption per capita (kWh)		9,675
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)		62.0 11.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	-	0.4
CO ₂ emissions per capita (metric tons)	9.0	12.6
CO ₂ emissions growth (%, 1990–2005)	-3.1	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)		26
Transport sector fuel consumption per capita (liters)		1,159
Water and sanitation		0.040
Internal freshwater resources per capita (cu. m)		9,313
Freshwater withdrawal Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)	••	100
Rural (% of rural population)		98
Urban (% of urban population)		100
Access to improved sanitation (% of total population)		100
Rural (% of rural population)		99
Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five))	
Diarrhea prevalence (% of children under five)		_
Under-five mortality rate (per 1,000 live births)		7
National accounting aggregates		20.0
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)		20.6 14.5
Education expenditure (% of GNI)		14.5 4.6
		4.6 1.5
Fnergy depletion (% of GNI)		0.2
Mineral depletion (% of GNI)		
Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	 	0.2 0.0 0.3
Mineral depletion (% of GNI)	 	0.0

Bhutan

Population (thousands) 657 Land area (1,000 sq. km)	47 GDI	P (\$ billions	1.1
	Country data	South Asia group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	1,770	880	1,905
Urban population (% of total)	33	29	
Urban population growth (average annual %, 1990–2007)		2.7	2.9
Population growth (average annual %, 1990-2007)	1.1	1.8	1.3
Agriculture			
Agricultural land (% of land area)	13	55	
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	138 102	417 107	532 116
Population density, rural (people/sq. km of arable land)	276	617	511
Forests and biodiversity			
Forest area (% of land area)	68.0	16.8	25.0
Deforestation (average annual %, 1990-2005)	-0.3	-0.1	0.1
Nationally protected area (% of land area)	26.4	5.6	11.0
Animal species, total known	717		
Animal species, threatened	48		
Higher plant species, total known	5,468		
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	7 1.1		
	1.1		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		4.8	3.9
Energy use per capita (kg oil equivalent)		468	
Energy from biomass products and waste (% of total)		30.4	
Electric power consumption per capita (kWh)		453	
Electricity generated using fossil fuel (% of total)		78.3	
Electricity generated by hydropower (% of total)		17.4	16.3
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.5	
CO ₂ emissions per capita (metric tons)	0.6	1.1	
CO ₂ emissions growth (%, 1990–2005)	222.9	106.7	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	26	78 33	
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	144,509	1,196	4,117
Total (% of internal resources)	0.4	51.7	8.7
Agriculture (% of total freshwater withdrawal)	94	89	80
Access to improved water source (% of total population)	81	87	88
Rural (% of rural population)	79	84	82
Urban (% of urban population)	98	94	96
Access to improved sanitation (% of total population) Rural (% of rural population)	52 50	33 23	
Urban (% of urban population)	71	57	71
Acute resp. infection prevalence (% of children under five)	••		
Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	 84	78	50
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)		78	50
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates		78 36.2	
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI)	84		41.7
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	70.0	36.2	41.7 10.7
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI)	70.0 9.9 4.2 0.0	36.2 9.5 3.0 2.7	41.7 10.7 2.6 6.6
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	70.0 9.9 4.2 0.0 0.0	36.2 9.5 3.0 2.7 0.6	41.7 10.7 2.6 6.6 1.2
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	70.0 9.9 4.2 0.0 0.0 3.8	36.2 9.5 3.0 2.7 0.6 0.9	2.6 6.6 1.2 0.2
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	70.0 9.9 4.2 0.0 0.0 3.8 0.4	36.2 9.5 3.0 2.7 0.6 0.9 1.0	41.7 10.7 2.6 6.6 1.2 0.2 1.2
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	70.0 9.9 4.2 0.0 0.0 3.8	36.2 9.5 3.0 2.7 0.6 0.9	41.7 10.7 2.6 6.6 1.2 0.2 1.3

2009 The Little Green Data Book

Green09 0427.indd 40 4/28/09 11:11:24 AM

Bolivia

Population (millions) **9.5** Land area (1,000 sq. km) **1,084.4** GDP (\$ billions) **13.1**

	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	1,260		
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	65 3.0		42 2.9
Population growth (average annual %, 1990–2007)	2.1		1.3
Agriculture			
Agricultural land (% of land area)	35		
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999-2001 = 100)	783 116	-,	532 116
Population density, rural (people/sq. km of arable land)	108		511
Forests and biodiversity			
Forest area (% of land area)	54.2		
Deforestation (average annual %, 1990–2005)	0.4 20.2		0.1 11.0
Nationally protected area (% of land area) Animal species, total known	1,775		11.0
Animal species, threatened	90		
Higher plant species, total known	17,367		
Higher plant species, threatened	71		
GEF benefits index for biodiversity (0-100, median is 1.5)	12.5		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	6.2	7.3	3.9
Energy use per capita (kg oil equivalent)	625		1,019
Energy from biomass products and waste (% of total)	13.8		
Electric power consumption per capita (kWh)	485 56.0		1,269 79.0
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	40.8		16.3
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990-2005) Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	0.3 1.0 68.2 94 126	2.5 33.4 35	2.8
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	31,892	23,965	4,117
Total (% of internal resources)	0.5	2.0	8.7
Agriculture (% of total freshwater withdrawal)	81		80
Access to improved water source (% of total population) Rural (% of rural population)	86 69		88 82
Urban (% of urban population)	96		96
Access to improved sanitation (% of total population)	43		
Rural (% of rural population)	22 54		43 71
Urban (% of urban population)	54	80	/1
Environment and health Acute resp. infection prevalence (% of children under five)	22.0		
Diarrhea prevalence (% of children under five)	24.8		
Under-five mortality rate (per 1,000 live births)	57	26	50
National accounting aggregates			
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	30.1 10.1		41.7 10.7
Education expenditure (% of GNI)	6.3		2.6
Energy depletion (% of GNI)	21.6		6.6
Mineral depletion (% of GNI)	2.4		1.2
Net forest depletion (% of GNI)	0.0 0.5		0.2 1.2
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	1.4		1.2
Adjusted net savings (% of GNI)	0.4		23.5

41

Bosnia and Herzegovina

51.2 GDP (\$ billions) Population (millions) 3.8 Land area (1,000 sq. km) 15.1 Europe & Lower Central middle-Country Asia income data group group GNI per capita, World Bank Atlas method (\$) 3.790 6.052 1.905 Urban population (% of total) 47 64 42 Urban population growth (average annual %, 1990-2007) 0.3 0.2 2.9 Population growth (average annual %, 1990-2007) -0.8 1.3 0.1 Agriculture Agricultural land (% of land area) 42 47 28 Agricultural productivity (value added per worker, 2000 \$) 10,051 2,228 532 Food production index (1999-2001 = 100) 110 116 129 511 Population density, rural (people/sq. km of arable land) 205 Forests and biodiversity 42.7 38.3 25.0 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.1 0.0 0.1 Nationally protected area (% of land area) 0.5 6.1 11.0 390 Animal species, total known Animal species, threatened 50 Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) 0.4 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 4.6 3.5 3.9 Energy use per capita (kg oil equivalent) 1,427 2,930 1,019 Energy from biomass products and waste (% of total) 3.4 22 15.2 Electric power consumption per capita (kWh) 2,385 3,835 1,269 Electricity generated using fossil fuel (% of total) 56.1 67.7 79.0 43.9 16.3 Electricity generated by hydropower (% of total) 17.4 **Emissions and pollution** CO₂ emissions per unit of GDP (kg/2005 PPP \$) 1.1 0.7 0.8 CO₂ emissions per capita (metric tons) 6.9 7.0 2.8 CO_2 emissions growth (%, 1990–2005) 280.2 -29.393 5 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 19 27 67 Transport sector fuel consumption per capita (liters) 245 255 99 Water and sanitation 9,409 11,806 Internal freshwater resources per capita (cu. m) 4,117 Freshwater withdrawal Total (% of internal resources) 72 87 Agriculture (% of total freshwater withdrawal) 80 60 99 95 88 Access to improved water source (% of total population) Rural (% of rural population) 98 88 82 Urban (% of urban population) 100 99 96 Access to improved sanitation (% of total population) 95 89 55 Rural (% of rural population) 92 79 43 Urban (% of urban population) 99 94 71 **Environment and health** Acute resp. infection prevalence (% of children under five) 2.0 Diarrhea prevalence (% of children under five) 8.9 Under-five mortality rate (per 1,000 live births) 14 23 50 National accounting aggregates Gross savings (% of GNI) 8.9 24.0 41.7 Consumption of fixed capital (% of GNI) 12.8 10.7 11 1 Education expenditure (% of GNI) 4.0 2.6 Energy depletion (% of GNI) 0.2 9.8 6.6 Mineral depletion (% of GNI) 0.0 0.7 1.2 Net forest depletion (% of GNI) 0.0 0.2 0.9 1.2 CO₂ damage (% of GNI) 1.0 Particulate emission damage (% of GNI) 0.1 0.5 1.1

2 2009 The Little Green Data Book

Adjusted net savings (% of GNI)

3.2

23.5

Botswana

Population (millions) 1.9 Land area (1,000 sq. km) 566.7 GDP (\$ billions) Sub-Upper Saharan middle-Country Africa income data group group GNI per capita, World Bank Atlas method (\$) 6.120 951 7.107 Urban population (% of total) 59 36 75 Urban population growth (average annual %, 1990-2007) 3.9 4.0 1.4 Population growth (average annual %, 1990-2007) 1.9 2.6 0.9 Agriculture Agricultural land (% of land area) 46 44 31 Agricultural productivity (value added per worker, 2000 \$) 367 287 2,947 Food production index (1999-2001 = 100) 107 109 113 Population density, rural (people/sq. km of arable land) 208 351 110 Forests and biodiversity 21.1 26.5 39.3 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.2 0.9 0.6 Nationally protected area (% of land area) 30.8 11.3 10.3 Animal species, total known 739 Animal species, threatened 15 2.151 Higher plant species, total known Higher plant species, threatened 0 GEF benefits index for biodiversity (0-100, median is 1.5) 1.4 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 4.8 11.7 3.0 Energy use per capita (kg oil equivalent) 1,054 670 2,300 Energy from biomass products and waste (% of total) 23.2 56.3 7.0 Electric power consumption per capita (kWh) 1,419 531 3,242 Electricity generated using fossil fuel (% of total) 100.0 65.6 62.8 Electricity generated by hydropower (% of total) 0.0 18.0 27.6 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.2 0.5 0.5 CO₂ emissions per capita (metric tons) 2.5 0.8 5.5 CO_2 emissions growth (%, 1990–2005) 110.0 40.1 -8.3 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 67 53 30 Transport sector fuel consumption per capita (liters) 313 64 332 Water and sanitation 1,276 4,824 16,993 Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) 8 1 32 13.8 Agriculture (% of total freshwater withdrawal) 87 57 41 96 58 95 Access to improved water source (% of total population) Rural (% of rural population) 90 46 83 Urban (% of urban population) 100 81 98 Access to improved sanitation (% of total population) 47 31 83 Rural (% of rural population) 30 24 64 Urban (% of urban population) 60 42 89 **Environment and health** Acute resp. infection prevalence (% of children under five) 40.0 Diarrhea prevalence (% of children under five) 6.5 Under-five mortality rate (per 1,000 live births) 40 146 24 National accounting aggregates Gross savings (% of GNI) 57.9 17.4 23.2 Consumption of fixed capital (% of GNI) 12.8 12.8 11 1 Education expenditure (% of GNI) 6.6 3.6 4.4 Energy depletion (% of GNI) 0.2 7.6 11.7 Mineral depletion (% of GNI) 8.2 1.5 1.3 Net forest depletion (% of GNI) 0.0 0.5 0.0 0.3 0.6 CO₂ damage (% of GNI) 0.7 Particulate emission damage (% of GNI) 0.4 0.4 42.9 4.9 Adjusted net savings (% of GNI) -5.0

The Little Green Data Book 2009

43

Brazil

Population (millions) 192 Land area (1,000 sq. km) 8,459 GDP (\$ billions) 1,313.4

	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	5,860	,	7,107
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	85 2.2		75 1.4
Population growth (average annual %, 1990–2007)	1.5		0.9
Agriculture Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$) Food production index (1999-2001 = 100) Population density, rural (people/sq. km of arable land)	31 3,218 124 50	3,158 117	31 2,947 113 110
Forests and biodiversity			
Forest area (% of land area)	56.5		
Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area)	0.6 17.9		0.2 10.3
Animal species, total known	2,290		10.5
Animal species, threatened	356		
Higher plant species, total known	56,215		
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	382 100.0		
	100.0		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	7.3	7.3	4.8
Energy use per capita (kg oil equivalent)	1,184		2,300
Energy from biomass products and waste (% of total)	29.6		7.0
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	2,060 9.8		3,242 62.8
Electricity generated by hydropower (% of total)	83.2		27.6
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., μ g/cu. m) Transport sector fuel consumption per capita (liters)	0.2 1.7 60.6 23 253	2.5 33.4 35	0.5 5.5 -8.3 30 332
Water and sanitation	00.077	00.005	40.000
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	28,277	23,965	16,993
Total (% of internal resources)	1.1	2.0	13.8
Agriculture (% of total freshwater withdrawal)	62		57
Access to improved water source (% of total population)	91		95
Rural (% of rural population) Urban (% of urban population)	58 97		83 98
Access to improved sanitation (% of total population)	77		83
Rural (% of rural population)	37		64
Urban (% of urban population)	84	86	89
Environment and health	24.0		
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	24.0 13.1		
Under-five mortality rate (per 1,000 live births)	22		24
National accounting aggregates			
Gross savings (% of GNI)	17.0		23.2
	12.6	12.6	12.8
Consumption of fixed capital (% of GNI)			
Education expenditure (% of GNI)	4.4	4.5	
		4.5 5.4	7.6
Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	4.4 2.3 1.6 0.0	4.5 5.4 1.9 0.0	
Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	4.4 2.3 1.6	4.5 5.4 1.9 0.0 0.3	7.6

4.4

2009 The Little Green Data Book

Green09 0427.indd 44 4/28/09 11:11:25 AM

Brunei Darussalam

Population (thousands) **389** Land area (1,000 sq. km) **5** GDP (\$ billions) **11.**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	26,740 74	37,572 78
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	3.2 2.4	1.0 0.7
Agriculture Agricultural land (% of land area)	5	38
Agricultural productivity (value added per worker, 2000 \$)	86,426	27,680
Food production index (1999–2001 = 100)	142	102
Population density, rural (people/sq. km of arable land)	708	323
Forests and biodiversity Forest area (% of land area)	52.8	28.8
Deforestation (average annual %, 1990–2005)	0.8	-0.1
Nationally protected area (% of land area)	61.5	11.8
Animal species, total known	567	
Animal species, threatened Higher plant species, total known	72 6,000	
Higher plant species, total known Higher plant species, threatened	99	
GEF benefits index for biodiversity (0–100, median is 1.5)	0.1	
Energy	0.5	
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	6.5 7,346	6.3 5,416
Energy from biomass products and waste (% of total)	0.0	3.4
Electric power consumption per capita (kWh)	8,174	9,675
Electricity generated using fossil fuel (% of total)	100.0	62.0
Electricity generated by hydropower (% of total)	0.0	11.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per dant of dbr (kg/2003111 \$\pi\$)	15.8	12.6
CO ₂ emissions growth (%, 1990–2005)	-7.9	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	54 1,010	26 1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	21,837	9,313
Freshwater withdrawal Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)	99	100
Rural (% of rural population)		98
Urban (% of urban population) Access to improved sanitation (% of total population)		100 100
Rural (% of rural population)		99
Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	9	7
National accounting aggregates		
Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI)		14.5
Education expenditure (% of GNI) Energy depletion (% of GNI)		4.6 1.5
Mineral depletion (% of GNI)		0.2
Net forest depletion (% of GNI)		0.0
CO ₂ damage (% of GNI)		0.3
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)		0.3 8.5
najustou not savings (/// or arvi)		6.5

The Little Green Data Book 2009

Bulgaria

Population (millions) 7.7 Land area (1,000 sq. km)	108.6 GD	P (\$ billions	39.5
	Country data	Europe & Central Asia group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)	4,580	-,	
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	71 -0.4		
Population growth (average annual %, 1990-2007)	-0.4		0.9
Agriculture			
Agricultural land (% of land area)	48 7,239		31 2,947
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	95	,	
Population density, rural (people/sq. km of arable land)	73		110
Forests and biodiversity			
Forest area (% of land area)	33.4 -0.6		
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	10.1		10.3
Animal species, total known	485		
Animal species, threatened	45		
Higher plant species, total known Higher plant species, threatened	3,572 0		
GEF benefits index for biodiversity (0-100, median is 1.5)	0.8		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)			
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	2,688 3.9		
Electric power consumption per capita (kWh)	4,311		
Electricity generated using fossil fuel (% of total)	47.8	67.7	62.8
Electricity generated by hydropower (% of total)	9.3	17.4	27.6
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.6	0.7	0.5
CO ₂ emissions per difficult (kg/2003111 \$)	0.6 5.7		
CO ₂ emissions growth (%, 1990–2005)	-41.0		
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	57 313		30 332
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	2,742		
Total (% of internal resources)	50.0		13.8
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	19 99		57 95
Rural (% of rural population)	97		
Urban (% of urban population)	100		98
Access to improved sanitation (% of total population)	99 96		83 64
Rural (% of rural population) Urban (% of urban population)	100		89
Environment and health			
Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	 12	23	24
National accounting aggregates	12	23	24
Gross savings (% of GNI)	17.8	24.0	23.2
Consumption of fixed capital (% of GNI)	11.9		
Education expenditure (% of GNI)	4.1		
	0.6		
Energy depletion (% of GNI) Mineral depletion (% of GNI)	1.1		
Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	1.1 0.0		
Mineral depletion (% of GNI)		0.0 1.0	0.0 0.6

2009 The Little Green Data Book

Burkina Faso

Population (millions) 15 Land area (1,000 sq. km) 274 GDP (\$ billions) Sub-Saharan Low-Country Africa income data group group GNI per capita, World Bank Atlas method (\$) 430 951 574 Urban population (% of total) 19 36 32 3.7 Urban population growth (average annual %, 1990-2007) 4.9 4.0 Population growth (average annual %, 1990-2007) 3.0 2.6 2.4 Agriculture Agricultural land (% of land area) 40 39 44 Agricultural productivity (value added per worker, 2000 \$) 179 287 330 Food production index (1999-2001 = 100) 109 109 112 Population density, rural (people/sq. km of arable land) 235 351 603 Forests and biodiversity 24.8 26.5 24.7 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.3 0.6 0.7 Nationally protected area (% of land area) 14.0 11.3 10.8 581 Animal species, total known Animal species, threatened 14 1.100 Higher plant species, total known Higher plant species, threatened 2 GEF benefits index for biodiversity (0-100, median is 1.5) 0.3 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 3.0 3.2 Energy use per capita (kg oil equivalent) 670 478 Energy from biomass products and waste (% of total) 56.3 53.8 Electric power consumption per capita (kWh) 531 309 Electricity generated using fossil fuel (% of total) 65.6 48.4 38.8 Electricity generated by hydropower (% of total) 18.0 **Emissions and pollution** CO₂ emissions per unit of GDP (kg/2005 PPP \$) 0.05 0.49 0.39 CO₂ emissions per capita (metric tons) 0.05 0.85 0.58 39.3 CO_2 emissions growth (%, 1990–2005) 336 40.1 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 84 53 69 Transport sector fuel consumption per capita (liters) 64 41 Water and sanitation 4,824 4,619 Internal freshwater resources per capita (cu. m) 846 Freshwater withdrawal Total (% of internal resources) 64 32 94 Agriculture (% of total freshwater withdrawal) 87 90 86 72 58 68 Access to improved water source (% of total population) Rural (% of rural population) 66 46 60 Urban (% of urban population) 97 81 84 Access to improved sanitation (% of total population) 13 31 39 Rural (% of rural population) 6 24 33 Urban (% of urban population) 41 42 54 **Environment and health** Acute resp. infection prevalence (% of children under five) 9.0 Diarrhea prevalence (% of children under five) 20.0 Under-five mortality rate (per 1,000 live births) 191 146 126 National accounting aggregates Gross savings (% of GNI) 17.4 25.4 Consumption of fixed capital (% of GNI) 8.4 9.3 11 1 Education expenditure (% of GNI) 4.3 3.6 2.6 Energy depletion (% of GNI) 0.0 9.8 11.7 Mineral depletion (% of GNI) 0.0 1.5 0.9 Net forest depletion (% of GNI) 1.1 0.5 0.8 0.7 CO₂ damage (% of GNI) 0.1 0.7 Particulate emission damage (% of GNI) 1.3 0.4 0.7

47

5.8

-5.0

Adjusted net savings (% of GNI)

Burundi

Population (millions) 8.5 Land area (1,000 sq. km)	25.7 GD	P (\$ millions	974
	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	110	951	574
Urban population (% of total)	10	36	32
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	5.1 2.4	4.0 2.6	3.7 2.4
Agriculture			
Agricultural land (% of land area)	91	44	39
Agricultural productivity (value added per worker, 2000 \$)	64	287	330
Food production index (1999-2001 = 100)	104 732	109 351	112 603
Population density, rural (people/sq. km of arable land)	132	331	003
Forests and biodiversity Forest area (% of land area)	5.9	26.5	24.7
Deforestation (average annual %, 1990–2005)	4.2	0.6	
Nationally protected area (% of land area)	6.0	11.3	
Animal species, total known	713		
Animal species, threatened	46 2,500		
Higher plant species, total known Higher plant species, threatened	2,500		
GEF benefits index for biodiversity (0-100, median is 1.5)	0.3		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.0	3.2
Energy use per capita (kg oil equivalent)		670	478
Energy from biomass products and waste (% of total)		56.3	53.8
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)		531 65.6	309 48.4
Electricity generated by hydropower (% of total)		18.0	38.8
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.09	0.49	0.39
CO ₂ emissions per capita (metric tons)	0.03	0.85	0.58
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	15.1 29	40.1 53	39.3 69
Transport sector fuel consumption per capita (liters)		64	41
Water and sanitation			
Internal freshwater resources per capita (cu. m)	1,184	4,824	4,619
Freshwater withdrawal	2.9	3.2	9.4
Total (% of internal resources) Agriculture (% of total freshwater withdrawal)	2.9 77	3.2 87	9.4
Access to improved water source (% of total population)	71	58	68
Rural (% of rural population)	70	46	60
Urban (% of urban population)	84	81	84
Access to improved sanitation (% of total population) Rural (% of rural population)	41 41	31 24	39 33
Urban (% of urban population)	44	42	54
Environment and health			
Acute resp. infection prevalence (% of children under five)	13.0		
Diarrhea prevalence (% of children under five)			
Under-five mortality rate (per 1,000 live births)	180	146	126
National accounting aggregates			
Gross savings (% of GNI)		17.4	25.4
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	6.6 5.1	11.1 3.6	9.3 2.6
Energy depletion (% of GNI)	0.0	11.7	9.8
Mineral depletion (% of GNI)	0.8	1.5	
Net forest depletion (% of GNI)	11.5	0.5	0.8
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	0.2 0.1	0.7	0.7
Adjusted net savings (% of GNI)	0.1	0.4 -5.0	0.7 5.8

3 2009 The Little Green Data Book

Cambodia

Population (millions) 14 Land area (1,000 sq. km) 177 GDP (\$ billions) 8.3

	Country data	East Asia & Pacific group	Low- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	550 21	, -	574 32
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	5.3 2.3		3.7 2.4
Agriculture	30	51	39
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	337		330
Food production index (1999–2001 = 100)	110		112
Population density, rural (people/sq. km of arable land)	303	547	603
Forests and biodiversity Forest area (% of land area)	59.2	28.4	24.7
Deforestation (average annual %, 1990–2005)	1.4		0.7
Nationally protected area (% of land area)	23.5		10.8
Animal species, total known	648		
Animal species, threatened Higher plant species, total known	162		
Higher plant species, threatened	31		
GEF benefits index for biodiversity (0-100, median is 1.5)	3.5		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	4.5	3.4	3.2
Energy use per capita (kg oil equivalent)	351		478
Energy from biomass products and waste (% of total)	71.3		53.8
Electric power consumption per capita (kWh)	88		309
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	95.7 4.1		48.4 38.8
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.03		0.39
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	0.04 19.5		0.58 39.3
Particulate matter (urban-popweighted avg., µg/cu. m)	46		69
Transport sector fuel consumption per capita (liters)	31	106	41
Water and sanitation Internal freshwater resources per capita (cu. m)	8,346	4,948	4,619
Freshwater withdrawal	0,340	4,940	4,019
Total (% of internal resources)	3.4		9.4
Agriculture (% of total freshwater withdrawal)	98		90
Access to improved water source (% of total population) Rural (% of rural population)	65 61		68 60
Urban (% of urban population)	80		84
Access to improved sanitation (% of total population)	28		39
Rural (% of rural population)	19 62		33 54
Urban (% of urban population)	02	/5	54
Environment and health Acute resp. infection prevalence (% of children under five)	20.0		
Diarrhea prevalence (% of children under five)	18.9		
Under-five mortality rate (per 1,000 live births)	91	27	126
National accounting aggregates	15.0	48.0	25.4
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	15.9 9.1		9.3
Education expenditure (% of GNI)	1.7	2.1	2.6
Energy depletion (% of GNI)	0.0		9.8
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.0 0.2		0.9 0.8
CO ₂ damage (% of GNI)	0.2		0.8
Particulate emission damage (% of GNI)	0.3	1.3	0.7
Adjusted net savings (% of GNI)	7.9	30.6	5.8

Cameroon

Population (millions) 19 Land area (1,000 sq. km)	465 GD	P (\$ billions	20.7
	Country data	Sub- Saharan Africa group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	1,050	951	,
Urban population (% of total) Urban population growth (average annual %, 1990-2007)	56 4.3	36 4.0	
Population growth (average annual %, 1990–2007)	2.4	2.6	
Agriculture Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	20 666	44 287	532
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	108 136	109 351	
Forests and biodiversity			
Forest area (% of land area)	45.6	26.5	
Deforestation (average annual %, 1990–2005)	1.0	0.6 11.3	
Nationally protected area (% of land area) Animal species, total known	8.6 1,258	11.3	11.0
Animal species, total known Animal species, threatened	159		
Higher plant species, total known	8,260		
Higher plant species, threatened	355		
GEF benefits index for biodiversity (0–100, median is 1.5)	12.5		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	5.1	3.0	3.9
Energy use per capita (kg oil equivalent)	390	670	
Energy from biomass products and waste (% of total)	79.2	56.3	,
Electric power consumption per capita (kWh)	186	531	
Electricity generated using fossil fuel (% of total)	5.9	65.6	
Electricity generated by hydropower (% of total)	94.1	18.0	16.3
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.1	0.5	0.8
CO ₂ emissions per capita (metric tons)	0.2	0.8	
CO ₂ emissions growth (%, 1990–2005)	131.5	40.1	93.5
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	62 44	53 64	
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	14,731	4,824	
Total (% of internal resources)	0.4	3.2	
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	74 70	87 58	
Rural (% of rural population)	47	46	
Urban (% of urban population)	88	81	
Access to improved sanitation (% of total population)	51	31	
Rural (% of rural population) Urban (% of urban population)	42 58	24 42	
	30	72	7.1
Environment and health Acute resp. infection prevalence (% of children under five)	11.0		
Diarrhea prevalence (% of children under five)	18.9		
Under-five mortality rate (per 1,000 live births)	148	146	50
National accounting aggregates			
Gross savings (% of GNI)	19.7	17.4	
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	9.7 2.6	11.1 3.6	
Energy depletion (% of GNI)	6.4		
Mineral depletion (% of GNI)	0.1	1.5	
Net forest depletion (% of GNI)	0.0	0.5	0.2
CO ₂ damage (% of GNI)	0.2	0.7	
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)	0.8 5.3	0.4 -5.0	

2009 The Little Green Data Book

Green09 0427.indd 50 4/28/09 11:11:26 AM

Canada

Population (millions) 33 Land area (1,000 sq. km) 9,094 GDP (\$ billions) 1,329.9

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	39,650	37,572
Urban population (% of total)	80	78
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	1.3 1.0	1.0 0.7
Agriculture		
Agricultural land (% of land area)	7	38
Agricultural productivity (value added per worker, 2000 \$)	47,181	27,680
Food production index (1999–2001 = 100)		102
Population density, rural (people/sq. km of arable land)	14	323
Forests and biodiversity Forest area (% of land area)	34.1	28.8
Deforestation (average annual %, 1990–2005)	0.0	-0.1
Nationally protected area (% of land area)	5.2	11.8
Animal species, total known	683	
Animal species, threatened	70	
Higher plant species, total known	3,270	
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	2 21.5	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	4.3	6.3
Energy use per capita (kg oil equivalent)	8,262	5,416
Energy from biomass products and waste (% of total)	4.7	3.4
Electric power consumption per capita (kWh)	16,753	9,675
Electricity generated using fossil fuel (% of total)	24.1	62.0
Electricity generated by hydropower (% of total)	58.0	11.4
Emissions and pollution	0.5	0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.5 16.6	12.6
CO ₂ emissions growth (%, 1990–2005)	25.4	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	17	26
Transport sector fuel consumption per capita (liters)	1,536	1,159
Water and sanitation	00.400	0.040
Internal freshwater resources per capita (cu. m)	86,426	9,313
Freshwater withdrawal Total (% of internal resources)	1.6	10.4
Agriculture (% of total freshwater withdrawal)	12	43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)	99	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	100	100
Rural (% of rural population)	99	99
Urban (% of urban population)	100	100
Environment and health Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	6	7
National accounting aggregates		
Gross savings (% of GNI)	23.0	20.6
Consumption of fixed capital (% of GNI)	14.9	14.5
Education expenditure (% of GNI)	4.8	4.6
Energy depletion (% of GNI)	4.1	1.5
Mineral depletion (% of GNI)	0.9 0.0	0.2 0.0
Net forest depletion (% of GNI)	0.0	0.0
L:U_ namage (% nt (¬NI)		
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	0.1	0.3

The Little Green Data Book 2009

51

Green09 0427.indd 51

Cape Verde

Population (thousands) 530 Land area (1,000 sq. km)	4 GD	P (\$ billions	ns) 1.4
	Country data	Sub- Saharan Africa group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	2,430	951	,
Urban population (% of total) Urban population growth (average annual %, 1990-2007)	59 4.1	36 4.0	
Population growth (average annual %, 1990–2007)	2.4	2.6	
Agriculture			
Agricultural land (% of land area)	18	44	
Agricultural productivity (value added per worker, 2000 \$)	1,510	287	
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	95 469	109 351	
Forests and biodiversity			
Forest area (% of land area)	20.7	26.5	
Deforestation (average annual %, 1990-2005)	-2.5	0.6	
Nationally protected area (% of land area)		11.3	11.
Animal species, total known Animal species, threatened	186 26		
Higher plant species, total known	774		
Higher plant species, threatened	2		
GEF benefits index for biodiversity (0-100, median is 1.5)	2.4		
Energy		0.0	
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.0 670	
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)		56.3	, -
Electric power consumption per capita (kWh)		531	
Electricity generated using fossil fuel (% of total)		65.6	,
Electricity generated by hydropower (% of total)		18.0	16.
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2 0.6	0.5	
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	225.0	0.8 40.1	
Particulate matter (urban-popweighted avg., µg/cu. m)	220.0	53	
Transport sector fuel consumption per capita (liters)		64	
Water and sanitation			
Internal freshwater resources per capita (cu. m)	566	4,824	4,11
Freshwater withdrawal Total (% of internal resources)		3.2	8.
Agriculture (% of total freshwater withdrawal)		87	
Access to improved water source (% of total population)		58	
Rural (% of rural population)		46	8
Urban (% of urban population)		81	
Access to improved sanitation (% of total population)		31	
Rural (% of rural population) Urban (% of urban population)		24 42	
Environment and health			
Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five)			
Under-five mortality rate (per 1,000 live births)	32	146	5
National accounting aggregates	24.0	17 4	Д4
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	24.0 11.3		
Education expenditure (% of GNI)	5.0		
Energy depletion (% of GNI)	0.0		
Mineral depletion (% of GNI)	0.0	1.5	1.
Net forest depletion (% of GNI)	0.0		
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	0.2		
Particulate emission damage (% Of GNI)		0.4	
Adjusted net savings (% of GNI)	17.6	-5.0	23.

2009 The Little Green Data Book

Green09 0427.indd 52 4/28/09 11:11:27 AM

Cayman Islands

Population (thousands) **54** Land area (sq. km) **260** GDP (\$ millions)

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)		37,572
Urban population (% of total)	100	78
Urban population growth (average annual %, 1990–2007)	4.2	1.0
Population growth (average annual %, 1990–2007)	4.2	0.7
Agriculture Agricultural land (% of land area)	12	38
Agricultural fand (% of fand alea) Agricultural productivity (value added per worker, 2000 \$)	12	27,680
Food production index (1999–2001 = 100)	100	102
Population density, rural (people/sq. km of arable land)	0	323
Forests and biodiversity		
Forest area (% of land area)	47.7	28.8
Deforestation (average annual %, 1990-2005)	0.0	-0.1
Nationally protected area (% of land area)	1.5	11.8
Animal species, total known	221	
Animal species, threatened Higher plant species, total known	31 539	
Higher plant species, total known Higher plant species, threatened	2	
GEF benefits index for biodiversity (0-100, median is 1.5)	0.6	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)		5,416
Energy from biomass products and waste (% of total)		3.4
Electric power consumption per capita (kWh)	••	9,675
Electricity generated using fossil fuel (% of total)		62.0
Electricity generated by hydropower (% of total)		11.4
Emissions and pollution		0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	7.1	0.4 12.6
CO ₂ emissions growth (%, 1990-2005)	26.5	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	24	26
Transport sector fuel consumption per capita (liters)		1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)		9,313
Freshwater withdrawal		
Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)		100
Rural (% of rural population)	••	98
Urban (% of urban population) Access to improved sanitation (% of total population)		100 100
Rural (% of rural population)		99
Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)		7
National accounting aggregates		
Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI)		14.5
Education expenditure (% of GNI)	••	4.6
Energy depletion (% of GNI)		1.5
Mineral depletion (% of GNI)		0.2
Net forest depletion (% of GNI)	••	0.0
CO ₂ damage (% of GNI)		0.3
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)		0.3 8.5
		6.5

The Little Green Data Book 2009

53

Central African Republic

Population (millions) 4.3 Land area (1,000 sq. km) 623.0 GDP (\$ billions) 1.7

	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	370	951	574
Urban population (% of total)	38	36	32
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	2.4 2.2	4.0 2.6	3.7 2.4
Agriculture			
Agricultural land (% of land area)	8	44	39
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	384 111	287 109	330 112
Population density, rural (people/sq. km of arable land)	134	351	603
Forests and biodiversity			
Forest area (% of land area)	36.5	26.5	
Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area)	0.1 15.2	0.6 11.3	
Animal species, total known	850	11.3	10.0
Animal species, threatened	13		
Higher plant species, total known	3,602		
Higher plant species, threatened	15		
GEF benefits index for biodiversity (0–100, median is 1.5)	1.5		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.0	3.2
Energy use per capita (kg oil equivalent)		670	478
Energy from biomass products and waste (% of total)		56.3	53.8
Electric power consumption per capita (kWh)		531	309
Electricity generated using fossil fuel (% of total)		65.6	48.4
Electricity generated by hydropower (% of total)		18.0	38.8
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.09	0.49	0.39
CO ₂ emissions per capita (metric tons)	0.03	0.43	0.58
CO ₂ emissions growth (%, 1990-2005)	27.8	40.1	39.3
Particulate matter (urban-popweighted avg., µg/cu. m)	44	53	69
Transport sector fuel consumption per capita (liters)		64	41
Water and sanitation Internal freshwater resources per capita (cu. m)	32,463	4,824	4,619
Freshwater withdrawal	32,403	7,027	4,013
Total (% of internal resources)	0.0	3.2	9.4
Agriculture (% of total freshwater withdrawal)	4	87	90
Access to improved water source (% of total population)	66	58	68
Rural (% of rural population)	51 90	46 81	60 84
Urban (% of urban population) Access to improved sanitation (% of total population)	31	31	39
Rural (% of rural population)	25	24	33
Urban (% of urban population)	40	42	54
Environment and health			
Acute resp. infection prevalence (% of children under five)	10.0 26.5		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	172	146	126
National accounting aggregates			
Gross savings (% of GNI)	4.5	17.4	25.4
Consumption of fixed capital (% of GNI)	8.2	11.1	9.3
Education expenditure (% of GNI)	1.3	3.6	2.6
Energy depletion (% of GNI) Mineral depletion (% of GNI)	0.0	11.7 1.5	9.8 0.9
Net forest depletion (% of GNI)	0.0	0.5	0.9
CO ₂ damage (% of GNI)	0.1	0.7	0.7
Particulate emission damage (% of GNI)	0.4	0.4	0.7
Adjusted net savings (% of GNI)	-2.9	-5.0	5.8

54 I

2009 The Little Green Data Book

Greeno⁹ 0427.indd 54 4/28/09 11:11:²7 AM

Chad

Population (millions) 11 Land area (1,000 sq. km) 1,259 GDP (\$ billions) Sub-Saharan Low-Africa Country income data group group GNI per capita, World Bank Atlas method (\$) 540 951 574 26 Urban population (% of total) 36 32 Urban population growth (average annual %, 1990-2007) 4.7 4.0 3.7 3.3 Population growth (average annual %, 1990-2007) 2.6 2.4 Agriculture Agricultural land (% of land area) 39 39 44 Agricultural productivity (value added per worker, 2000 \$) 225 287 330 Food production index (1999-2001 = 100) 109 109 112 Population density, rural (people/sq. km of arable land) 180 351 603 Forests and biodiversity 9.5 26.5 24.7 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.6 0.6 0.7 Nationally protected area (% of land area) 9.1 11.3 10.8 635 Animal species, total known Animal species, threatened 21 1.600 Higher plant species, total known Higher plant species, threatened 2 GEF benefits index for biodiversity (0-100, median is 1.5) 2.2 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 3.0 3.2 Energy use per capita (kg oil equivalent) 670 478 Energy from biomass products and waste (% of total) 56.3 53.8 Electric power consumption per capita (kWh) 531 309 Electricity generated using fossil fuel (% of total) 65.6 48.4 38.8 Electricity generated by hydropower (% of total) 18.0 **Emissions and pollution** CO₂ emissions per unit of GDP (kg/2005 PPP \$) 0.01 0.49 0.39 CO₂ emissions per capita (metric tons) 0.01 0.85 0.58 39.3 CO_2 emissions growth (%, 1990–2005) -26 40.1 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 109 53 69 Transport sector fuel consumption per capita (liters) 64 41 Water and sanitation 4,824 4,619 Internal freshwater resources per capita (cu. m) 1,394 Freshwater withdrawal Total (% of internal resources) 1.5 32 94 Agriculture (% of total freshwater withdrawal) 83 87 90 48 58 68 Access to improved water source (% of total population) Rural (% of rural population) 40 46 60 Urban (% of urban population) 71 81 84 Access to improved sanitation (% of total population) 9 31 39 Rural (% of rural population) 4 24 33 Urban (% of urban population) 23 42 54 **Environment and health** Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) 31.2 Under-five mortality rate (per 1,000 live births) 209 146 126 National accounting aggregates Gross savings (% of GNI) 26.9 17.4 25.4 Consumption of fixed capital (% of GNI) 10.2 9.3 11 1 Education expenditure (% of GNI) 1.2 3.6 2.6 Energy depletion (% of GNI) 40.7 9.8 11.7 Mineral depletion (% of GNI) 0.0 1.5 0.9 Net forest depletion (% of GNI) 0.0 0.5 0.8 0.0 0.7 CO₂ damage (% of GNI) 0.7 Particulate emission damage (% of GNI) 1.1 0.4 0.7 -24.0Adjusted net savings (% of GNI) -5.05.8

The Little Green Data Book 2009

55

Channel Islands

Population (thousands) 149 Land area (sq. km) 190 GDP (\$ billions) 11.5

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	68,640	37,572
Urban population (% of total)	31	78
Urban population growth (average annual %, 1990–2007)	0.2	1.0
Population growth (average annual %, 1990–2007)	0.3	0.7
Agriculture	40	38
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	40	27,680
Food production index (1999–2001 = 100)		102
Population density, rural (people/sq. km of arable land)	2,710	323
Forests and biodiversity		
Forest area (% of land area)	4.2	28.8
Deforestation (average annual %, 1990-2005)	0.0	-0.1
Nationally protected area (% of land area) Animal species, total known		11.8
Animal species, total known Animal species, threatened		
Higher plant species, total known		
Higher plant species, threatened		
GEF benefits index for biodiversity (0–100, median is 1.5)	0.0	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)		5,416 3.4
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)		9.675
Electricity generated using fossil fuel (% of total)		62.0
Electricity generated by hydropower (% of total)		11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.4
CO ₂ emissions per capita (metric tons)		12.6
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)		19.1 26
Transport sector fuel consumption per capita (liters)		1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)		9,313
Freshwater withdrawal		
Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population) Rural (% of rural population)		100 98
Urban (% of urban population)	••	100
Access to improved sanitation (% of total population)		100
Rural (% of rural population)		99
Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		7
Under-five mortality rate (per 1,000 live births)		7
National accounting aggregates		20.6
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)		14.5
Education expenditure (% of GNI)		4.6
Energy depletion (% of GNI)		1.5
Mineral depletion (% of GNI)		0.2
Net forest depletion (% of GNI)		0.0
CO ₂ damage (% of GNI)		0.3
Particulate emission damage (% of GNI)		0.3
Adjusted net savings (% of GNI)		8.5

56

2009 The Little Green Data Book

Green09 0427.indd 56 4/28/09 11:11:27 AM

Chile

Population (millions) 17 Land area (1,000 sq. km)	749 GDP (\$ billions		s) 163.9
	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	8,190		7,107
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	88 1.7		75 1.4
Population growth (average annual %, 1990-2007)	1.4		0.9
Agriculture			
Agricultural land (% of land area)	20		
Agricultural productivity (value added per worker, 2000 \$)	5,720 120	,	2,947 113
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	104		110
Forests and biodiversity			
Forest area (% of land area)	21.5		
Deforestation (average annual %, 1990–2005)	-0.4		0.2
Nationally protected area (% of land area) Animal species, total known	3.7 604		10.3
Animal species, total known Animal species, threatened	101		
Higher plant species, total known	5,284		
Higher plant species, threatened	40)	
GEF benefits index for biodiversity (0-100, median is 1.5)	15.3	l	
Energy	7.0	. 70	4.0
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	7.0 1,812		4.8 2,300
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	15.9	,	7.0
Electric power consumption per capita (kWh)	3,207		
Electricity generated using fossil fuel (% of total)	38.5		
Electricity generated by hydropower (% of total)	59.5	57.3	27.6
Emissions and pollution	0.0		0.5
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.3 4.1		0.5 5.5
CO ₂ emissions growth (%, 1990–2005)	87.1		-8.3
Particulate matter (urban-popweighted avg., µg/cu. m)	48		30
Transport sector fuel consumption per capita (liters)	381	295	332
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	53,270	23,965	16,993
Total (% of internal resources)	1.4	2.0	13.8
Agriculture (% of total freshwater withdrawal)	64	71	57
Access to improved water source (% of total population)	95		95
Rural (% of rural population)	72		83
Urban (% of urban population) Access to improved sanitation (% of total population)	98 94		98 83
Rural (% of rural population)	94 74		64
Urban (% of urban population)	97		89
Environment and health			
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)			
Under-five mortality rate (per 1,000 live births)	9	26	24
National accounting aggregates			
Gross savings (% of GNI)	28.7		23.2
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	14.3 3.4		12.8 4.4
Energy depletion (% of GNI)	0.2		
Mineral depletion (% of GNI)	16.7		
Net forest depletion (% of GNI)	0.0		
CO ₂ damage (% of GNI)	0.4		0.6
Particulate emission damage (% of GNI)	0.6		0.4
Adjusted net savings (% of GNI)	-0.1	6.7	4.9

China

Population (millions) 1,318 Land area (1,000 sq. km) 9,327 GDP (\$ billions) 3,205.5

	Country data	East Asia & Pacific group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	2,370		
Urban population (% of total) Urban population growth (average annual %, 1990-2007)	42 3.4		
Population growth (average annual %, 1990–2007)	0.9	1.1	1.3
Agriculture			
Agricultural land (% of land area)	60		47
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	430 121		
Population density, rural (people/sq. km of arable land)	542		511
Forests and biodiversity			
Forest area (% of land area)	21.2	28.4	
Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area)	-1.5 15.4		0.1 11.0
Animal species, total known	1,801	14.0	11.0
Animal species, threatened	370		
Higher plant species, total known	32,200		
Higher plant species, threatened	446		
GEF benefits index for biodiversity (0-100, median is 1.5)	66.6		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	3.2	3.4	3.9
Energy use per capita (kg oil equivalent)	1,433		
Energy from biomass products and waste (% of total)	12.0		15.2
Electric power consumption per capita (kWh)	2,041		
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	82.6 15.2		
	15.2	13.0	10.5
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	1.0	0.9	0.8
CO ₂ emissions per capita (metric tons)	4.3		
CO ₂ emissions growth (%, 1990–2005)	131.2	123.4	93.5
Particulate matter (urban-popweighted avg., µg/cu. m)	73		
Transport sector fuel consumption per capita (liters)	93	106	99
Water and sanitation Internal freshwater resources per capita (cu. m)	2,133	4,948	4,117
Freshwater withdrawal	2,100	1,010	1,111
Total (% of internal resources)	22.4	10.2	8.7
Agriculture (% of total freshwater withdrawal)	68		80
Access to improved water source (% of total population)	88 81		88 82
Rural (% of rural population) Urban (% of urban population)	98		96
Access to improved sanitation (% of total population)	65	66	55
Rural (% of rural population)	59		43
Urban (% of urban population)	74	75	71
Environment and health			
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)			
Under-five mortality rate (per 1,000 live births)	22	27	50
National accounting aggregates			
Gross savings (% of GNI)	54.4		41.7
Consumption of fixed capital (% of GNI)	10.7		10.7
Education expenditure (% of GNI)	1.8 4.5		2.6 6.6
Energy depletion (% of GNI) Mineral depletion (% of GNI)	4.5 1.3		1.2
Net forest depletion (% of GNI)	0.0		
CO ₂ damage (% of GNI)	1.4	1.3	
Particulate emission damage (% of GNI)	1.6		1.1
Adjusted net savings (% of GNI)	36.8	30.6	23.5

58

2009 The Little Green Data Book

Green09 0427.indd 58 4/28/09 11:11:28 AM

Colombia

Population (millions) 44 Land area (1,000 sq. km) 1,110 GDP (\$ billions) Latin Lower America & middle-Country Caribbean income data group group GNI per capita, World Bank Atlas method (\$) 4.100 5.801 1.905 Urban population (% of total) 74 78 42 2.9 Urban population growth (average annual %, 1990-2007) 2.2 2.1 Population growth (average annual %, 1990-2007) 1.7 1.5 1.3 Agriculture Agricultural land (% of land area) 47 38 36 Agricultural productivity (value added per worker, 2000 \$) 2,821 3,158 532 Food production index (1999-2001 = 100) 115 117 116 Population density, rural (people/sq. km of arable land) 565 232 511 Forests and biodiversity 54.7 45.4 25.0 Forest area (% of land area) 0.5 Deforestation (average annual %, 1990-2005) 0.1 0.1 Nationally protected area (% of land area) 25.5 16.7 11.0 Animal species, total known 2 288 Animal species, threatened 429 51.220 Higher plant species, total known Higher plant species, threatened 223 GEF benefits index for biodiversity (0-100, median is 1.5) 51.5 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 11.0 7.3 3.9 Energy use per capita (kg oil equivalent) 695 1,240 1,019 Energy from biomass products and waste (% of total) 14.9 15.9 15.2 Electric power consumption per capita (kWh) 968 1,808 1,269 Electricity generated using fossil fuel (% of total) 20.1 37.0 79.0 78.7 16.3 Electricity generated by hydropower (% of total) 57.3 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.2 0.3 0.8 CO₂ emissions per capita (metric tons) 2.5 2.8 1.4 2.1 CO_2 emissions growth (%, 1990–2005) 33.4 935 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 22 35 67 Transport sector fuel consumption per capita (liters) 173 295 99 Water and sanitation 48,014 23,965 Internal freshwater resources per capita (cu. m) 4,117 Freshwater withdrawal Total (% of internal resources) 0.5 20 87 Agriculture (% of total freshwater withdrawal) 46 71 80 93 91 88 Access to improved water source (% of total population) Rural (% of rural population) 77 73 82 Urban (% of urban population) 99 97 96 Access to improved sanitation (% of total population) 78 78 55 Rural (% of rural population) 58 51 43 Urban (% of urban population) 85 86 71 **Environment and health** Acute resp. infection prevalence (% of children under five) 9.6 Diarrhea prevalence (% of children under five) 13.9 Under-five mortality rate (per 1,000 live births) 20 26 50 National accounting aggregates Gross savings (% of GNI) 19.6 22.9 41.7 Consumption of fixed capital (% of GNI) 12.1 12.6 10.7 Education expenditure (% of GNI) 4.8 4.5 2.6 Energy depletion (% of GNI) 6.6 5.4 6.6 Mineral depletion (% of GNI) 1.7 1.9 1.2 Net forest depletion (% of GNI) 0.0 0.0 0.2 0.3 1.2 CO₂ damage (% of GNI) 0.3 Particulate emission damage (% of GNI) 0.1 0.4 1.1

The Little Green Data Book 2009

3.6

6.7

23.5

59

Adjusted net savings (% of GNI)

Comoros

Population (thousands) 628 Land area (1,000 sq. km)	2 GDP (\$ millions		is) 449
	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	680	951	574
Urban population (% of total)	28	36	
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	2.2 2.2	4.0 2.6	
Agriculture			
Agricultural land (% of land area)	80	44	
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	436 104	287 109	330 112
Population density, rural (people/sq. km of arable land)	541	351	603
Forests and biodiversity			
Forest area (% of land area)	3.0	26.5	
Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area)	5.7	0.6 11.3	
Animal species, total known	153	11.0	10.0
Animal species, threatened	84		
Higher plant species, total known	721		
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	5 2.3		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.0	
Energy use per capita (kg oil equivalent)		670	
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)		56.3 531	53.8 309
Electricity generated using fossil fuel (% of total)		65.6	
Electricity generated by hydropower (% of total)		18.0	38.8
Emissions and pollution	0.4	0.5	0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.1 0.1	0.5 0.8	
CO ₂ emissions growth (%, 1990–2005)	33.3	40.1	
Particulate matter (urban-popweighted avg., µg/cu. m)	33	53	
Transport sector fuel consumption per capita (liters)		64	41
Water and sanitation Internal freshwater resources per capita (cu. m)	1,910	4,824	4,619
Freshwater withdrawal	1,010	1,02 1	1,010
Total (% of internal resources)	0.8	3.2	9.4
Agriculture (% of total freshwater withdrawal)	47 85	87 58	90 68
Access to improved water source (% of total population) Rural (% of rural population)	81	46	
Urban (% of urban population)	91	81	84
Access to improved sanitation (% of total population)	35	31	39
Rural (% of rural population) Urban (% of urban population)	26 49	24 42	
Environment and health			
Acute resp. infection prevalence (% of children under five)	10.0		
Diarrhea prevalence (% of children under five)	18.3		
Under-five mortality rate (per 1,000 live births)	66	146	126
National accounting aggregates Gross savings (% of GNI)	7.9	17.4	25.4
Consumption of fixed capital (% of GNI)	9.0	11.1	
Education expenditure (% of GNI)	4.2	3.6	
Energy depletion (% of GNI)	0.0	11.7	
Mineral depletion (% of GNI)	0.0	1.5	
Not forget deplotion (0/ of CNI)	0.1	0.5	
		0.7	O 7
Net forest depletion (% of GNI) CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	0.1	0.7 0.4	

2009 The Little Green Data Book

Green09 0427.indd 60 4/28/09 11:11:28 AM

Congo, Dem. Rep.

Population (millions) 62 Land area (1,000 sq. km) 2,267 GDP (\$ billions) 9.6

	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	140	951	574
Urban population (% of total)	33	36	
Urban population growth (average annual %, 1990–2007)	4.0	4.0	
Population growth (average annual %, 1990-2007)	2.9	2.6	2.4
Agriculture	10	4.4	20
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	10 149	44 287	39 330
Food production index (1999–2001 = 100)	97	109	112
Population density, rural (people/sq. km of arable land)	595	351	603
Forests and biodiversity			
Forest area (% of land area)	58.9	26.5	24.7
Deforestation (average annual %, 1990-2005)	0.3	0.6	
Nationally protected area (% of land area)	8.6	11.3	10.8
Animal species, total known	1,578		
Animal species, threatened	125		
Higher plant species, total known	11,007		
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	65 19.9		
	10.0		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	0.9	3.0	3.2
Energy use per capita (kg oil equivalent)	289	670	478
Energy from biomass products and waste (% of total)	92.4	56.3	53.8
Electric power consumption per capita (kWh)	96	531	309
Electricity generated using fossil fuel (% of total)	0.3	65.6	48.4
Electricity generated by hydropower (% of total)	99.7	18.0	38.8
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.1	0.5	
CO ₂ emissions per capita (metric tons)	0.04	0.85	0.58
CO ₂ emissions growth (%, 1990–2005)	-46.0 47	40.1 53	39.3 69
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	3	64	41
Water and sanitation			
Internal freshwater resources per capita (cu. m)	14,423	4,824	4,619
Freshwater withdrawal			
Total (% of internal resources)	0.0	3.2	9.4
Agriculture (% of total freshwater withdrawal)	31	87	90
Access to improved water source (% of total population)	46	58	68
Rural (% of rural population)	29 82	46 81	60 84
Urban (% of urban population) Access to improved sanitation (% of total population)	31	31	39
Rural (% of rural population)	25	24	33
Urban (% of urban population)	42	42	54
Environment and health			
Acute resp. infection prevalence (% of children under five)	11.0		
Diarrhea prevalence (% of children under five)	22.7		
Under-five mortality rate (per 1,000 live births)	161	146	126
National accounting aggregates			
Gross savings (% of GNI)	12.1	17.4	
Consumption of fixed capital (% of GNI)	7.0	11.1	
Education expenditure (% of GNI)	0.9	3.6	2.6
Energy depletion (% of GNI)	3.1	11.7	9.8
Mineral depletion (% of GNI)	2.9	1.5	0.9
Net forest depletion (% of GNI)	0.0 0.2	0.5 0.7	0.8 0.7
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	0.2	0.7	0.7
Adjusted net savings (% of GNI)	-0.8	-5.0	5.8
	0.0	5.0	5.0

61

Congo, Rep.

Population (millions) 3.8 Land area (1,000 sq. km)	341.5 GD	P (\$ billions)	ns) 7.6
	Country data	Sub- Saharan Africa group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	1,540	951	1,905
Urban population (% of total)	61	36	42
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	3.3 2.6	4.0 2.6	2.9 1.3
	2.0	2.0	
Agriculture Agricultural land (% of land area)	31	44	47
Agricultural productivity (value added per worker, 2000 \$)		287	532
Food production index (1999-2001 = 100)	110	109	116
Population density, rural (people/sq. km of arable land)	290	351	511
Forests and biodiversity			
Forest area (% of land area)	65.8	26.5	
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	0.1 14.3	0.6 11.3	
Animal species, total known	763	11.5	11.0
Animal species, threatened	35		
Higher plant species, total known	6,000		
Higher plant species, threatened	35 3.6		
GEF benefits index for biodiversity (0-100, median is 1.5)	3.0		
Energy CDD per unit of anardy use (2005 DDD \$ /kg ail aguivalent)	10.5	3.0	3.9
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	327	670	1,019
Energy from biomass products and waste (% of total)	57.6	56.3	15.2
Electric power consumption per capita (kWh)	155	531	1,269
Electricity generated using fossil fuel (% of total)	17.9	65.6	79.0
Electricity generated by hydropower (% of total)	82.1	18.0	16.3
Emissions and pollution		0.5	
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.2 0.6	0.5 0.8	0.8 2.8
CO ₂ emissions growth (%, 1990–2005)	70.6	40.1	93.5
Particulate matter (urban-popweighted avg., µg/cu. m)	64	53	67
Transport sector fuel consumption per capita (liters)	81	64	99
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	58,937	4,824	4,117
Total (% of internal resources)	0.0	3.2	8.7
Agriculture (% of total freshwater withdrawal)	9	87	80
Access to improved water source (% of total population)	71	58	88
Rural (% of rural population) Urban (% of urban population)	35 95	46 81	82 96
Access to improved sanitation (% of total population)	20	31	55
Rural (% of rural population)	21	24	43
Urban (% of urban population)	19	42	71
Environment and health Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	125	146	50
	120	1.0	
National accounting aggregates Gross savings (% of GNI)	45.4	17.4	41.7
Consumption of fixed capital (% of GNI)	13.4	11.1	10.7
Education expenditure (% of GNI)	2.3	3.6	
Energy depletion (% of GNI)	56.5	11.7	6.6
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.0	1.5 0.5	1.2 0.2
CO ₂ damage (% of GNI)	0.4	0.3	1.2
Particulate emission damage (% of GNI)	0.7	0.4	1.1
Adjusted net savings (% of GNI)	-23.4	-5.0	23.5

22

2009 The Little Green Data Book

Costa Rica

Population (millions) 4.5 Land area (1,000 sq. km) 51.1 GDP (\$ billions) Latin Upper America & middle-Country Caribbean income data group group GNI per capita, World Bank Atlas method (\$) 5.520 5.801 7,107 Urban population (% of total) 63 78 75 Urban population growth (average annual %, 1990-2007) 3.4 2.1 1.4 Population growth (average annual %, 1990-2007) 2.2 1.5 0.9 Agriculture Agricultural land (% of land area) 57 36 31 Agricultural productivity (value added per worker, 2000 \$) 4,643 3,158 2,947 Food production index (1999-2001 = 100) 110 117 113 Population density, rural (people/sq. km of arable land) 232 110 737 Forests and biodiversity 46.8 45.4 39.3 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.5 0.2 0.5 Nationally protected area (% of land area) 21.8 16.7 10.3 1,070 Animal species, total known Animal species, threatened 139 12.119 Higher plant species, total known Higher plant species, threatened 111 GEF benefits index for biodiversity (0-100, median is 1.5) 9.7 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 4.8 9.3 7.3 Energy use per capita (kg oil equivalent) 1,040 1,240 2,300 Energy from biomass products and waste (% of total) 15.5 15.9 7.0 Electric power consumption per capita (kWh) 1,801 1,808 3,242 Electricity generated using fossil fuel (% of total) 6.1 37.0 62.8 75.9 Electricity generated by hydropower (% of total) 57.3 27.6 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.2 0.3 0.5 CO₂ emissions per capita (metric tons) 2.5 5.5 1.7 CO_2 emissions growth (%, 1990–2005) 150.4 33.4 -8.3Particulate matter (urban-pop.-weighted avg., µg/cu. m) 36 35 30 Transport sector fuel consumption per capita (liters) 339 295 332 Water and sanitation 23,965 16,993 Internal freshwater resources per capita (cu. m) 25,189 Freshwater withdrawal Total (% of internal resources) 24 20 13.8 Agriculture (% of total freshwater withdrawal) 53 71 57 98 91 95 Access to improved water source (% of total population) Rural (% of rural population) 96 73 83 Urban (% of urban population) 99 97 98 Access to improved sanitation (% of total population) 96 78 83 Rural (% of rural population) 95 51 64 Urban (% of urban population) 96 86 89 **Environment and health** Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 11 26 24 National accounting aggregates Gross savings (% of GNI) 19.2 22.9 23.2 Consumption of fixed capital (% of GNI) 12.4 12.6 12.8 Education expenditure (% of GNI) 4.1 4.5 4.4 Energy depletion (% of GNI) 0.0 5.4 7.6 Mineral depletion (% of GNI) 0.0 1.9 1.3 Net forest depletion (% of GNI) 0.1 0.0 0.0 0.2 0.6 CO₂ damage (% of GNI) 0.3 Particulate emission damage (% of GNI) 0.3 0.4 0.4 10.2 6.7 4.9 Adjusted net savings (% of GNI)

The Little Green Data Book 2009

Côte d'Ivoire

Population (millions) 19 Land area (1,000 sq. km)	318 GD	P (\$ billions	19.8
	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	920	951	574
Urban population (% of total)	48	36	32
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	3.5 2.4	4.0 2.6	3.7 2.4
Agriculture			
Agricultural land (% of land area)	64	44	39
Agricultural productivity (value added per worker, 2000 \$)	817	287	330
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	102 282	109 351	112 603
Forests and biodiversity			
Forest area (% of land area)	32.7	26.5	24.7
Deforestation (average annual %, 1990–2005)	-0.1	0.6	0.7
Nationally protected area (% of land area)	12.2 931	11.3	10.8
Animal species, total known Animal species, threatened	75		
Higher plant species, total known	3,660		
Higher plant species, threatened	105		
GEF benefits index for biodiversity (0–100, median is 1.5)	3.4		
Energy	4.4	2.0	3.2
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	4.1 385	3.0 670	3.2 478
Energy from biomass products and waste (% of total)	63.8	56.3	53.8
Electric power consumption per capita (kWh)	182	531	309
Electricity generated using fossil fuel (% of total)	72.7	65.6	48.4
Electricity generated by hydropower (% of total)	27.3	18.0	38.8
Emissions and pollution	0.0	0.5	0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.3 0.5	0.5 0.8	0.4 0.6
CO ₂ emissions growth (%, 1990–2005)	61.5	40.1	39.3
Particulate matter (urban-popweighted avg., µg/cu. m)	36	53	69
Transport sector fuel consumption per capita (liters)	27	64	41
Water and sanitation	2.000	4.004	4.010
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	3,988	4,824	4,619
Total (% of internal resources)	1.2	3.2	9.4
Agriculture (% of total freshwater withdrawal)	65	87	90
Access to improved water source (% of total population)	81	58	68
Rural (% of rural population) Urban (% of urban population)	66 98	46 81	60 84
Access to improved sanitation (% of total population)	24	31	39
Rural (% of rural population)	12	24	33
Urban (% of urban population)	38	42	54
Environment and health			
Acute resp. infection prevalence (% of children under five)	4.0 20.1		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	127	146	126
National accounting aggregates			
Gross savings (% of GNI)	9.6	17.4	25.4
Consumption of fixed capital (% of GNI)	10.0	11.1	9.3
Education expenditure (% of GNI)	4.7	3.6	
Energy depletion (% of GNI) Mineral depletion (% of GNI)	7.0 0.0	11.7 1.5	9.8 0.9
		0.5	0.9
	()()		
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0 0.2	0.3	0.7
Net forest depletion (% of GNI)			0.7 0.7

64 I

2009 The Little Green Data Book

Green09 0427.indd 64 4/28/09 11:11:29 AM

Croatia

Population (millions) 4.4 Land area (1,000 sq. km)	55.9 GD	P (\$ billions	51.3
	Country data	Europe & Central Asia group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)	10,460 57	6,052 64	7,107 75
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	-0.1		1.4
Population growth (average annual %, 1990-2007)	-0.4	0.1	0.9
Agriculture	40	20	24
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	48 10,916	28 2,228	31 2,947
Food production index (1999–2001 = 100)	97	110	113
Population density, rural (people/sq. km of arable land)	174	129	110
Forests and biodiversity	20.0	20.2	20.0
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	38.2 -0.1	38.3 0.0	39.3 0.2
Nationally protected area (% of land area)	5.6		10.3
Animal species, total known	461		
Animal species, threatened	83		
Higher plant species, total known Higher plant species, threatened	4,288 1		
GEF benefits index for biodiversity (0-100, median is 1.5)	0.6		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	6.9		4.8
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	2,017 4.1		2,300 7.0
Electric power consumption per capita (kWh)	3,636		3,242
Electricity generated using fossil fuel (% of total)	51.0	67.7	62.8
Electricity generated by hydropower (% of total)	48.8	17.4	27.6
Emissions and pollution	0.4	0.7	0.5
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.4 5.2	0.7 7.0	0.5 5.5
CO ₂ emissions growth (%, 1990–2005)	-7.0	-29.3	-8.3
Particulate matter (urban-popweighted avg., µg/cu. m)	30	27	30
Transport sector fuel consumption per capita (liters)	479	255	332
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	8,499	11,806	16,993
Total (% of internal resources)		7.2	13.8
Agriculture (% of total freshwater withdrawal)		60	57
Access to improved water source (% of total population)	99	95	95
Rural (% of rural population) Urban (% of urban population)	98 100	88 99	83 98
Access to improved sanitation (% of total population)	99		83
Rural (% of rural population)	98		64
Urban (% of urban population)	99	94	89
Environment and health Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five)	11.3		
Under-five mortality rate (per 1,000 live births)	6	23	24
National accounting aggregates			
Gross savings (% of GNI)	24.6	24.0 12.8	23.2 12.8
Concumption of fixed capital (0/ of CNII)		12.8	
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	13.4 4.3	4 0	4 /
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI)	4.3 0.7		
Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	4.3 0.7 0.0	9.8 0.7	7.6 1.3
Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	4.3 0.7 0.0 0.2	9.8 0.7 0.0	4.4 7.6 1.3 0.0
Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	4.3 0.7 0.0	9.8 0.7	7.6 1.3

Cuba

Population (millions) 11 Land area (1,000 sq. km)	110 GI	OP (\$ billions	
	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)		5,801	7,107
Urban population (% of total)	76		75
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	0.5 0.4		1.4 0.9
	0.1	1.0	0.0
Agriculture Agricultural land (% of land area)	60	36	31
Agricultural rand (% of land area) Agricultural productivity (value added per worker, 2000 \$)		0.450	
Food production index (1999–2001 = 100)	102		113
Population density, rural (people/sq. km of arable land)	75	232	110
Forests and biodiversity			
Forest area (% of land area)	24.7		39.3
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	-1.9 1.4		0.2 10.3
Animal species, total known	423		10.5
Animal species, total known Animal species, threatened	131		
Higher plant species, total known	6,522		
Higher plant species, threatened	163		
GEF benefits index for biodiversity (0–100, median is 1.5)	12.5	•	
Energy		7.0	
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	944	7.3 1,240	4.8 2,300
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	11.9	, -	2,300 7.0
Electric power consumption per capita (kWh)	1,231		
Electricity generated using fossil fuel (% of total)	96.7		
Electricity generated by hydropower (% of total)	0.6	57.3	27.6
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.3	0.5
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	2.2 -24.1		5.5 -8.3
Particulate matter (urban-popweighted avg., µg/cu. m)	17		30
Transport sector fuel consumption per capita (liters)	70		332
Water and sanitation			
Internal freshwater resources per capita (cu. m)	3,386	23,965	16,993
Freshwater withdrawal	21.5	2.0	13.8
Total (% of internal resources) Agriculture (% of total freshwater withdrawal)	69		13.6
Access to improved water source (% of total population)	91		95
Rural (% of rural population)	78	73	83
Urban (% of urban population)	95		98
Access to improved sanitation (% of total population) Rural (% of rural population)	98 95		83 64
Urban (% of urban population)	99		89
Environment and health			
Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five)			
Under-five mortality rate (per 1,000 live births)	7	26	24
National accounting aggregates			
Gross savings (% of GNI)			23.2
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	0.1		
Education expenditure (% of GNI) Energy depletion (% of GNI)	8.2	E 4	4.4 7.6
Mineral depletion (% of GNI)		1.0	
Net forest depletion (% of GNI)		0.0	0.0
CO ₂ damage (% of GNI)			
Particulate emission damage (% of GNI)	0.1		
Adjusted net savings (% of GNI)		6.7	4.9

66

Cyprus

Population (thousands) **855** Land area (1,000 sq. km) **9** GDP (\$ billions) **21.**3

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	24,940 70	37,572 78
Urban population growth (average annual %, 1990–2007)	1.6	1.0
Population growth (average annual %, 1990-2007)	1.3	0.7
Agriculture Agricultural land (% of land area)	18	38
Agricultural productivity (value added per worker, 2000 \$)		27,680
Food production index (1999–2001 = 100)	101	102
Population density, rural (people/sq. km of arable land)	214	323
Forests and biodiversity	10.0	28.8
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	18.9 -0.5	28.8 -0.1
Nationally protected area (% of land area)	9.7	11.8
Animal species, total known	370	11.0
Animal species, threatened	26	
Higher plant species, total known	1,682	
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	7 0.5	
	0.5	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	7.4	6.3
Energy use per capita (kg oil equivalent)	3,094	5,416
Energy from biomass products and waste (% of total)	0.5	3.4
Electric power consumption per capita (kWh)	5,239	9,675
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	100.0 0.0	62.0 11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.4	0.4
CO ₂ emissions per capita (metric tons)	8.4	12.6
CO ₂ emissions growth (%, 1990–2005)	51.0	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	44 831	26 1,159
	031	1,139
Water and sanitation Internal freshwater resources per capita (cu. m)	913	9,313
Freshwater withdrawal	313	5,515
Total (% of internal resources)	31.6	10.4
Agriculture (% of total freshwater withdrawal)	71	43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)	100	98
Urban (% of urban population) Access to improved sanitation (% of total population)	100 100	100 100
Rural (% of rural population)	100	99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		_
Under-five mortality rate (per 1,000 live births)	5	7
National accounting aggregates Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI)	14.5	14.5
Education expenditure (% of GNI)	5.7	4.6
Energy depletion (% of GNI)	0.0	1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI)	0.3	0.3
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)	0.7	0.3 8.5
najastea net saviilks (// a a aivi)		6.0

Czech Republic

Population (millions) 10 Land area (1,000 sq. km) 77 GDP (\$ billions) 175.0

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	14,580	37,572
Urban population (% of total)	74	78
Urban population growth (average annual %, 1990–2007)	-0.2	1.0
Population growth (average annual %, 1990-2007)	0.0	0.7
Agriculture Agricultural land (% of land area)	55	38
Agricultural productivity (value added per worker, 2000 \$)	6,241	27,680
Food production index (1999–2001 = 100)	95	102
Population density, rural (people/sq. km of arable land)	89	323
Forests and biodiversity		
Forest area (% of land area)	34.3	28.8
Deforestation (average annual %, 1990-2005)	0.0	-0.1
Nationally protected area (% of land area)	16.1	11.8
Animal species, total known	474	
Animal species, threatened Higher plant species, total known	31 1,900	
Higher plant species, total known Higher plant species, threatened	1,900	
GEF benefits index for biodiversity (0–100, median is 1.5)	0.1	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	4.8	6.3
Energy use per capita (kg oil equivalent)	4.485	5.416
Energy from biomass products and waste (% of total)	4.0	3.4
Electric power consumption per capita (kWh)	6,509	9,675
Electricity generated using fossil fuel (% of total)	64.6	62.0
Electricity generated by hydropower (% of total)	3.0	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.6	0.4
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	11.7 -26.0	12.6 19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	21	26
Transport sector fuel consumption per capita (liters)	629	1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	1,272	9,313
Freshwater withdrawal		
Total (% of internal resources)	19.6	10.4
Agriculture (% of total freshwater withdrawal)	2	43
Access to improved water source (% of total population) Rural (% of rural population)	100 100	100 98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	99	100
Rural (% of rural population)	98	99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	4	7
National accounting aggregates		
Gross savings (% of GNI)	27.0	20.6
Consumption of fixed capital (% of GNI)	14.4	14.5
Education expenditure (% of GNI)	4.0 0.4	4.6 1.5
Energy depletion (% of GNI) Mineral depletion (% of GNI)	0.4	0.2
Net forest depletion (% of GNI)	0.0	0.2
CO ₂ damage (% of GNI)	0.6	0.0
Particulate emission damage (% of GNI)	0.1	0.3

86

Denmark

Population (millions) 5.5 Land area (1,000 sq. km) 42.4 GDP (\$ billions) 311.6

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	55,440	37,572
Urban population (% of total) Urban population growth (average annual %, 1990-2007)	86 0.5	78 1.0
Population growth (average annual %, 1990–2007)	0.4	0.7
Agriculture	0.4	20
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	61 40,052	38 27,680
Food production index (1999-2001 = 100)	103	102
Population density, rural (people/sq. km of arable land)	34	323
Forests and biodiversity	11.0	28.8
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	11.8 -0.8	-0.1
Nationally protected area (% of land area)	5.8	11.8
Animal species, total known	508	
Animal species, threatened	28	
Higher plant species, total known	1,450 3	
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	0.2	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	8.9	6.3
Energy use per capita (kg oil equivalent)	3,850	5,416
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)	12.9 6,864	3.4 9,675
Electricity generated using fossil fuel (% of total)	78.0	62.0
Electricity generated by hydropower (% of total)	0.1	11.4
Emissions and pollution	0.0	0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.3 8.5	0.4 12.6
CO ₂ emissions growth (%, 1990–2005)	-7.4	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	19	26
Transport sector fuel consumption per capita (liters)	910	1,159
Water and sanitation Internal freshwater resources per capita (cu. m)	1,099	9,313
Freshwater withdrawal	1,099	9,313
Total (% of internal resources)	21.2	10.4
Agriculture (% of total freshwater withdrawal)	43	43
Access to improved water source (% of total population)	100	100
Rural (% of rural population) Urban (% of urban population)	100 100	98 100
Access to improved sanitation (% of total population)	100	100
Rural (% of rural population)	100	99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	4	7
National accounting aggregates		
Gross savings (% of GNI)	24.0	20.6
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	14.9 7.8	14.5 4.6
Energy depletion (% of GNI)	2.3	1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	0.1 0.1	0.3
Adjusted net savings (% of GNI)	14.4	8.5
,	2	

Djibouti

Population (thousands) 833 Land area (1,000 sq. km)	23 GD	P (\$ millions	s) 830
	Country data	Middle East & N. Africa group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	1,090	2,820	1,905
Urban population (% of total)	87	57	
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	3.1 2.3	2.6 2.0	
Agriculture			
Agricultural land (% of land area)	73	22	
Agricultural productivity (value added per worker, 2000 \$)	65 131	2,313 116	
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	11,178	665	
Forests and biodiversity			
Forest area (% of land area)	0.2	2.4	
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	0.0	-0.4 3.6	
Animal species, total known	418	3.0	11.0
Animal species, threatened	79		
Higher plant species, total known	826		
Higher plant species, threatened	2		
GEF benefits index for biodiversity (0-100, median is 1.5)	0.5		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		5.0	3.9
Energy use per capita (kg oil equivalent)		1,254	
Energy from biomass products and waste (% of total)		1.2	
Electric power consumption per capita (kWh)		1,418	
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)		91.1 7.4	
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.6	0.8
CO ₂ emissions per capita (metric tons)	0.5	3.7	2.8
CO ₂ emissions growth (%, 1990–2005)	6.2	96.8	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	45 	72 277	
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	360	728	4,117
Total (% of internal resources)	6.3	122.3	8.7
Agriculture (% of total freshwater withdrawal)	16	86	80
Access to improved water source (% of total population)	92	89	
Rural (% of rural population)	54		
Urban (% of urban population) Access to improved sanitation (% of total population)	98 67	95 77	
Rural (% of rural population)	11		
Urban (% of urban population)	76	88	71
Environment and health			
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)			
Under-five mortality rate (per 1,000 live births)	127	38	50
National accounting aggregates			
Gross savings (% of GNI)		33.3	
Consumption of fixed capital (% of GNI)	8.6		
Education expenditure (% of GNI) Energy depletion (% of GNI)	0.0	4.7 21.3	
Mineral depletion (% of GNI)	0.0		
Net forest depletion (% of GNI)	0.0		
CO ₂ damage (% of GNI)	0.3	1.0	
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)			
		3.4	23.5

2009 The Little Green Data Book

Green09 0427.indd 70 4/28/09 11:11:31 AM

Dominica

Population (thousands) 73 Land area (sq. km)	750 GE	OP (\$ millions	314
	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	4,030		7,107
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	74 0.5		75 1.4
Population growth (average annual %, 1990–2007)	0.0		0.9
Agriculture Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	31 4,817 99 390	3,158 117	
Forests and biodiversity			
Forest area (% of land area)	61.3 0.6		39.3 0.2
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	26.5		10.3
Animal species, total known	180		
Animal species, threatened	37		
Higher plant species, total known Higher plant species, threatened	1,228 11		
GEF benefits index for biodiversity (0–100, median is 1.5)	0.9		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		7.3	4.8
Energy use per capita (kg oil equivalent)		1,240	2,300
Energy from biomass products and waste (% of total)			7.0 3.242
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)		27.0	62.8
Electricity generated by hydropower (% of total)		F7.0	27.6
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.2 1.6		0.5 5.5
CO ₂ emissions growth (%, 1990-2005)	93.8		-8.3
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	26	005	30 332
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal		23,965	16,993
Total (% of internal resources)		2.0	13.8 57
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)		0.4	95
Rural (% of rural population)		70	83
Urban (% of urban population)	100	70	98
Access to improved sanitation (% of total population) Rural (% of rural population)		E4	83 64
Urban (% of urban population)		0.0	89
Environment and health Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	11		24
National accounting aggregates			
Gross savings (% of GNI)			23.2
Consumption of fixed capital (% of GNI)			12.8
Education expenditure (% of GNI) Energy depletion (% of GNI)		4.5 5.4	4.4 7.6
Mineral depletion (% of GNI)		1.0	1.3
Net forest depletion (% of GNI)		0.0	0.0
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)		0.3	0.6 0.4
Adjusted net savings (% of GNI)		6.7	4.9

Dominican Republic

Population (millions) 9.7 Land area (1,000 sq. km)	48.4 GE	OP (\$ billions	36.7
	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	3,560		1,905
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	68 2.9		42 2.9
Population growth (average annual %, 1990-2007)	1.7		1.3
Agriculture	74	20	47
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	71 4,943		
Food production index (1999–2001 = 100)	108	,	116
Population density, rural (people/sq. km of arable land)	383	232	511
Forests and biodiversity	20.4	45.4	25.0
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	28.4 0.0		
Nationally protected area (% of land area)	24.4		
Animal species, total known	260)	
Animal species, threatened	94 5.657		
Higher plant species, total known Higher plant species, threatened	5,657 30		
GEF benefits index for biodiversity (0–100, median is 1.5)	6.0		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	7.2		
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	816 18.0		1,019 15.2
Electric power consumption per capita (kWh)	1,309		
Electricity generated using fossil fuel (% of total)	89.8		
Electricity generated by hydropower (% of total)	10.0	57.3	16.3
Emissions and pollution	0.4	0.0	0.0
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.4 2.0		0.8 2.8
CO ₂ emissions growth (%, 1990-2005)	96.3		
Particulate matter (urban-popweighted avg., µg/cu. m)	20		67
Transport sector fuel consumption per capita (liters)	182	295	99
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	2,159	23,965	4,117
Total (% of internal resources)	16.1		
Agriculture (% of total freshwater withdrawal)	66 95		80 88
Access to improved water source (% of total population) Rural (% of rural population)	95		82
Urban (% of urban population)	97	97	96
Access to improved sanitation (% of total population)	79		55
Rural (% of rural population) Urban (% of urban population)	74 81		43 71
Environment and health			
Acute resp. infection prevalence (% of children under five)	20.0		
Diarrhea prevalence (% of children under five)	20.1		
Under-five mortality rate (per 1,000 live births)	38	26	50
National accounting aggregates Gross savings (% of GNI)	21.0	22.9	41.7
Consumption of fixed capital (% of GNI)	12.0		10.7
Education expenditure (% of GNI)	3.5	4.5	2.6
Energy depletion (% of GNI)	0.0		6.6
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	3.5 0.0		
CO ₂ damage (% of GNI)	0.6		1.2
Particulate emission damage (% of GNI)	0.1		1.1
Adjusted net savings (% of GNI)	8.4	6.7	23.5

2009 The Little Green Data

Ecuador

Population (millions) 13 Land area (1,000 sq. km)	277 GD	P (\$ billions	44.5
	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	3,110		1,905
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	65 2.5		42 2.9
Population growth (average annual %, 1990–2007)	1.5		1.3
Agriculture	0.7		4-7
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	27 1,778		
Food production index (1999–2001 = 100)	114	,	116
Population density, rural (people/sq. km of arable land)	353	232	511
Forests and biodiversity	00.0	45.4	05.0
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	39.2 1.6		
Nationally protected area (% of land area)	22.6		
Animal species, total known	1,856		
Animal species, threatened	369		
Higher plant species, total known	19,362		
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	1,839 29.3		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	8.1	7.3	3.9
Energy use per capita (kg oil equivalent)	851	,	1,019
Energy from biomass products and waste (% of total)	5.2		15.2
Electric power consumption per capita (kWh)	759 53.7	,	
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	46.3		16.3
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3		
CO ₂ emissions per capita (metric tons)	2.2		2.8
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	76.8 25		93.5 67
Transport sector fuel consumption per capita (liters)	328		99
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	32,385	23,965	4,117
Total (% of internal resources)	3.9	2.0	8.7
Agriculture (% of total freshwater withdrawal)	82		80
Access to improved water source (% of total population)	95		88
Rural (% of rural population)	91 98		82 96
Urban (% of urban population) Access to improved sanitation (% of total population)	96 84		55
Rural (% of rural population)	72		43
Urban (% of urban population)	91	86	71
Environment and health			
Acute resp. infection prevalence (% of children under five)	57.2 19.9		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	19.9		50
National accounting aggregates			
Gross savings (% of GNI)	26.9		41.7
Consumption of fixed capital (% of GNI)	11.7		10.7
Education expenditure (% of GNI) Energy depletion (% of GNI)	1.4 18.4		2.6 6.6
Mineral depletion (% of GNI)	0.5		1.2
Net forest depletion (% of GNI)	0.0		0.2
CO ₂ damage (% of GNI)	0.5		1.2
Particulate emission damage (% of GNI)	0.1		1.1
Adjusted net savings (% of GNI)	-2.9	6.7	23.5

Egypt, Arab Rep.

Population (millions) 75 Land area (1,000 sq. km)	995 GD	95 GDP (\$ billions) 130.	
	Country data	Middle East & N. Africa group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	1,580	2,820	1,905
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	43 1.7	57 2.6	42 2.9
Population growth (average annual %, 1990–2007)	1.8	2.0	1.3
Agriculture			
Agricultural land (% of land area)	2 1 2 0	22	47
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	2,128 116	2,313 116	532 116
Population density, rural (people/sq. km of arable land)	1,394	665	511
Forests and biodiversity			
Forest area (% of land area)	0.1	2.4	
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	-2.8 5.3	-0.4 3.6	
Animal species, total known	599	3.0	11.0
Animal species, threatened	108		
Higher plant species, total known	2,076		
Higher plant species, threatened	2		
GEF benefits index for biodiversity (0–100, median is 1.5)	2.9		
Energy CDP per unit of opergy use (2005 PPP \$ /kg oil equivalent)	5.7	5.0	3.9
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	843	1,254	1.019
Energy from biomass products and waste (% of total)	2.3	1.2	15.2
Electric power consumption per capita (kWh)	1,382	1,418	
Electricity generated using fossil fuel (% of total)	88.3	91.1	79.0
Electricity generated by hydropower (% of total)	11.2	7.4	16.3
Emissions and pollution	0.5	0.0	0.0
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.5 2.4	0.6 3.7	0.8 2.8
CO ₂ emissions growth (%, 1990–2005)	130.0	96.8	93.5
Particulate matter (urban-popweighted avg., µg/cu. m)	119	72	67
Transport sector fuel consumption per capita (liters)	146	277	99
Water and sanitation Internal freshwater resources per capita (cu. m)	24	728	4,117
Freshwater withdrawal Total (% of internal resources)	3,794.4	122.3	8.7
Agriculture (% of total freshwater withdrawal)	86	86	80
Access to improved water source (% of total population)	98	89	88
Rural (% of rural population)	98	81	82
			96
Urban (% of urban population)	99	95	
Urban (% of urban population) Access to improved sanitation (% of total population)	99 66	77	55
Urban (% of urban population)	99		55 43
Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population)	99 66 52	77 62	55 43
Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five)	99 66 52 85	77 62	55 43
Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	99 66 52 85 9.0 18.4	77 62 88	55 43 71
Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	99 66 52 85	77 62	55 43 71
Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates	99 66 52 85 9.0 18.4 36	777 62 88 38	55 43 71 50
Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI)	99 66 52 85 9.0 18.4 36	777 62 88 38	55 43 71 50 41.7
Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	99 66 52 85 9.0 18.4 36	777 62 88 38	55 43 71 50 41.7
Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	99 66 52 85 9.0 18.4 36	777 62 88 38 33.3 11.3	555 43 71 50 41.1 10.1 2.6
Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	99 66 52 85 9.0 18.4 36 22.4 1.4 4.3,4 0.1	38 33.3 11.3 4.7 21.3 0.4	555 43 71 50 41.7 10.7 2.6 6.6
Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Education expenditure (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	99 66 52 85 9.0 18.4 36 22.4 10.2 4.4 13.4 0.1	38 33.3 11.3 4.7 21.3 0.4 0.0	555 43 71 50 41.7 10.7 2.6 6.6 6.1.2
Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	99 66 52 85 9.0 18.4 36 22.4 1.4 4.3,4 0.1	38 33.3 11.3 4.7 21.3 0.4	555 43 71 50 41.7 10.7 2.6 6.6

74

El Salvador

Population (millions) 6.9 Land area (1,000 sq. km)	20.7 GI	OP (\$ billions) 20.4
	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	2,850		1,905
Urban population (% of total)	60 2.9		42 2.9
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	1.7		1.3
Agriculture			
Agricultural land (% of land area)	82	36	47
Agricultural productivity (value added per worker, 2000 \$)			
Food production index (1999-2001 = 100) Population density, rural (people/sq. km of arable land)	105 406		116 511
Forests and biodiversity			
Forest area (% of land area)	14.4	45.4	25.0
Deforestation (average annual %, 1990-2005)	1.5		0.1
Nationally protected area (% of land area)	1.0		11.0
Animal species, total known	571		
Animal species, threatened Higher plant species, total known	38 2,911		
Higher plant species, total known Higher plant species, threatened	2,311		
GEF benefits index for biodiversity (0–100, median is 1.5)	0.9		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	7.6	7.3	3.9
Energy use per capita (kg oil equivalent)	697		
Energy from biomass products and waste (% of total)	31.6		15.2
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	721 44.2		1,26 79.
Electricity generated by hydropower (% of total)	35.1		
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.3	0.8
CO ₂ emissions per capita (metric tons)	1.0		2.8
CO ₂ emissions growth (%, 1990–2005)	144.5 33		
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	153		6° 99
Water and sanitation			
Internal freshwater resources per capita (cu. m)	2,590	23,965	4,11
Freshwater withdrawal			
Total (% of internal resources)	7.2 59		8. 8
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	84		8
Rural (% of rural population)	68		8:
Urban (% of urban population)	94		9
Access to improved sanitation (% of total population)	86		5
Rural (% of rural population) Urban (% of urban population)	80 90		4: 7
	90	00	1.
Environment and health	42.0		
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	19.8		
Under-five mortality rate (per 1,000 live births)	24		50
National accounting aggregates			
Gross savings (% of GNI)	12.5	22.9	41.
Consumption of fixed capital (% of GNI)	11.3		10.
Education expenditure (% of GNI)	2.8		2.
	0.0		6. 1.:
	0.0		1
Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.0		
	0.0 0.5 0.3	0.0	
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.5	0.0 0.3 0.4	0.:

Equatorial Guinea

Population (thousands) **508** Land area (1,000 sq. km) **28** GDP (\$ billions) **9.9**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	12,860	37,572
Urban population (% of total)	39	78
Urban population growth (average annual %, 1990–2007)	3.1	1.0
Population growth (average annual %, 1990–2007)	2.4	0.7
Agriculture	12	38
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	1,198	27,680
Food production index (1999–2001 = 100)	95	102
Population density, rural (people/sq. km of arable land)	228	323
Forests and biodiversity		
Forest area (% of land area)	58.2	28.8
Deforestation (average annual %, 1990-2005)	0.9	-0.1
Nationally protected area (% of land area)	16.2	11.8
Animal species, total known	571 44	
Animal species, threatened	3,250	
Higher plant species, total known Higher plant species, threatened	63	
GEF benefits index for biodiversity (0–100, median is 1.5)	1.5	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)		5,416
Energy from biomass products and waste (% of total)		3.4
Electric power consumption per capita (kWh)		9,675
Electricity generated using fossil fuel (% of total)		62.0
Electricity generated by hydropower (% of total)		11.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per capita (metric tons)	9.0	12.6
CO ₂ emissions growth (%, 1990–2005)	3,596.9	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	8	26
Transport sector fuel consumption per capita (liters)		1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	51,227	9,313
Freshwater withdrawal	0.4	40.4
Total (% of internal resources)	0.4 1	10.4 43
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	43	100
Rural (% of rural population)	42	98
Urban (% of urban population)	45	100
Access to improved sanitation (% of total population)	51	100
Rural (% of rural population)	46	99
Urban (% of urban population)	60	100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		_
Under-five mortality rate (per 1,000 live births)	206	7
National accounting aggregates	70.0	20.0
Gross savings (% of GNI)	73.0	20.6
Consumption of fixed capital (% of GNI)	19.8 1.1	14.5 4.6
Education expenditure (% of GNI) Energy depletion (% of GNI)	93.1	4.6 1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI)	0.6	0.3
Particulate emission damage (% of GNI)		0.3
	-39.3	

76

Eritrea

Population (millions) 4.8 Land area (1,000 sq. km) 101.0 GDP (\$ billions) Sub-Saharan Low-Country Africa income data group group GNI per capita, World Bank Atlas method (\$) 270 951 574 Urban population (% of total) 20 36 32 3.7 Urban population growth (average annual %, 1990-2007) 4.0 4.0 Population growth (average annual %, 1990-2007) 2.5 2.6 2.4 Agriculture Agricultural land (% of land area) 75 39 44 Agricultural productivity (value added per worker, 2000 \$) 94 287 330 100 Food production index (1999-2001 = 100) 109 112 Population density, rural (people/sq. km of arable land) 573 351 603 Forests and biodiversity 15.4 26.5 24.7 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.6 0.3 0.7 Nationally protected area (% of land area) 5.0 11.3 10.8 607 Animal species, total known Animal species, threatened 88 Higher plant species, total known Higher plant species, threatened 3 GEF benefits index for biodiversity (0-100, median is 1.5) 0.8 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 4.0 3.0 3.2 Energy use per capita (kg oil equivalent) 150 670 478 Energy from biomass products and waste (% of total) 73.0 56.3 53.8 Electric power consumption per capita (kWh) 49 531 309 Electricity generated using fossil fuel (% of total) 99.3 65.6 48.4 38.8 Electricity generated by hydropower (% of total) 0.0 18.0 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.3 0.5 0.4 CO₂ emissions per capita (metric tons) 0.2 0.8 0.6 CO_2 emissions growth (%, 1990–2005) 40.1 393 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 56 53 69 Transport sector fuel consumption per capita (liters) 64 41 11 Water and sanitation 578 4,824 4,619 Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) 20.8 32 94 Agriculture (% of total freshwater withdrawal) 87 90 95 60 58 68 Access to improved water source (% of total population) Rural (% of rural population) 57 46 60 Urban (% of urban population) 74 81 84 Access to improved sanitation (% of total population) 5 31 39 Rural (% of rural population) 3 24 33 Urban (% of urban population) 14 42 54 **Environment and health** Acute resp. infection prevalence (% of children under five) 19.0 Diarrhea prevalence (% of children under five) 23.6 Under-five mortality rate (per 1,000 live births) 70 146 126 National accounting aggregates Gross savings (% of GNI) 17.4 25.4 Consumption of fixed capital (% of GNI) 7.8 9.3 11 1 Education expenditure (% of GNI) 1.9 3.6 2.6 Energy depletion (% of GNI) 0.0 9.8 11.7 Mineral depletion (% of GNI) 0.0 1.5 0.9 Net forest depletion (% of GNI) 0.9 0.5 0.8 0.4 0.7 CO₂ damage (% of GNI) 0.7 Particulate emission damage (% of GNI) 0.4 0.4 0.7

The Little Green Data Book 2009 77

-5.0

5.8

Adjusted net savings (% of GNI)

Estonia

Population (millions) **1.3** Land area (1,000 sq. km) **42.4** GDP (\$ billions) **20.9**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	12,830 69	37,572 78
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	-1.1	1.0
Population growth (average annual %, 1990–2007)	-0.9	0.7
Agriculture	20	20
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	20 3,021	38 27,680
Food production index (1999–2001 = 100)	104	102
Population density, rural (people/sq. km of arable land)	70	323
Forests and biodiversity	F2.0	20.0
Forest area (% of land area)	53.9 -0.4	28.8 -0.1
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	-0.4 47.1	11.8
Animal species, total known	334	11.0
Animal species, threatened	12	
Higher plant species, total known	1,630	
Higher plant species, threatened	0	
GEF benefits index for biodiversity (0-100, median is 1.5)	0.1	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	5.0	6.3
Energy use per capita (kg oil equivalent)	3,638	5,416
Energy from biomass products and waste (% of total)	10.7	3.4
Electric power consumption per capita (kWh)	5,883	9,675
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	98.5 0.1	62.0 11.4
Emissions and pollution	0.1	
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.8	0.4
CO ₂ emissions per capita (metric tons)	13.5	12.6
CO ₂ emissions growth (%, 1990–2005)	-35.7	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	13 644	26 1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	9,475	9,313
Freshwater withdrawal		
Total (% of internal resources)	1.2	10.4
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	5 100	43 100
Rural (% of rural population)	99	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	95	100
Rural (% of rural population)	94	99
Urban (% of urban population)	96	100
Environment and health Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	6	7
National accounting aggregates		
Gross savings (% of GNI)	21.9	20.6
Consumption of fixed capital (% of GNI)	14.5 4.6	14.5 4.6
Education expenditure (% of GNI) Energy depletion (% of GNI)	4.6 23.0	4.6 1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.1	0.0
CO ₂ damage (% of GNI)	0.9	0.3
Particulate emission damage (% of GNI)	0.0	0.3
Adjusted net savings (% of GNI)	-11.9	8.5

Ethiopia

Population (millions) 79 Land area (1,000 sq. km) 1,000 GDP (\$ billions) 19.4 Sub-Saharan Low-Country Africa income data group group GNI per capita, World Bank Atlas method (\$) 220 951 574 Urban population (% of total) 17 36 32 Urban population growth (average annual %, 1990-2007) 4.6 4.0 3.7 Population growth (average annual %, 1990-2007) 2.9 2.6 2.4 Agriculture Agricultural land (% of land area) 39 34 44 Agricultural productivity (value added per worker, 2000 \$) 177 287 330 Food production index (1999-2001 = 100) 113 109 112 Population density, rural (people/sq. km of arable land) 481 351 603 Forests and biodiversity 13.0 26.5 24.7 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 1.0 0.6 0.7 Nationally protected area (% of land area) 18.6 11.3 10.8 1 127 Animal species, total known Animal species, threatened 79 6.603 Higher plant species, total known Higher plant species, threatened 22 GEF benefits index for biodiversity (0-100, median is 1.5) 8.4 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 2.3 3.0 3.2 Energy use per capita (kg oil equivalent) 289 670 478 Energy from biomass products and waste (% of total) 90.0 56.3 53.8 Electric power consumption per capita (kWh) 38 531 309 Electricity generated using fossil fuel (% of total) 0.3 65.6 48.4 99.7 38.8 Electricity generated by hydropower (% of total) 18.0 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.2 0.5 0.4 CO₂ emissions per capita (metric tons) 0.8 0.6 0.1 CO_2 emissions growth (%, 1990–2005) 165.9 40.1 393 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 68 53 69 Transport sector fuel consumption per capita (liters) 64 41 15 Water and sanitation 4,824 4,619 Internal freshwater resources per capita (cu. m) 1,543 Freshwater withdrawal Total (% of internal resources) 46 32 94 Agriculture (% of total freshwater withdrawal) 94 87 90 42 58 68 Access to improved water source (% of total population) Rural (% of rural population) 31 46 60 Urban (% of urban population) 81 84 96 Access to improved sanitation (% of total population) 11 31 39 Rural (% of rural population) 8 24 33 Urban (% of urban population) 27 42 54 **Environment and health** Acute resp. infection prevalence (% of children under five) 12.6 Diarrhea prevalence (% of children under five) 23.6 Under-five mortality rate (per 1,000 live births) 119 146 126 National accounting aggregates Gross savings (% of GNI) 20.9 17.4 25.4 Consumption of fixed capital (% of GNI) 7.5 9.3 111 Education expenditure (% of GNI) 3.7 3.6 2.6 Energy depletion (% of GNI) 0.0 9.8 11.7 Mineral depletion (% of GNI) 0.4 1.5 0.9 Net forest depletion (% of GNI) 5.4 0.5 0.8 0.4 0.7 CO₂ damage (% of GNI) 0.7 Particulate emission damage (% of GNI) 0.3 0.4 0.7

The Little Green Data Book 2009 79

10.6

-5.0

5.8

Adjusted net savings (% of GNI)

Faeroe Islands

Population (thousands) 48 Land area (1,000 sq. km) 1.4 GDP (\$ billions)

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)		37,572
Urban population (% of total)	41	78
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	1.8 0.1	1.0 0.7
Agriculture		
Agricultural land (% of land area)	2	38
Agricultural productivity (value added per worker, 2000 \$)		27,680
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	100 968	102 323
Forests and biodiversity		
Forest area (% of land area)	0.1	28.8
Deforestation (average annual %, 1990–2005)		-0.1
Nationally protected area (% of land area) Animal species, total known	268	11.8
Animal species, total known Animal species, threatened	200	
Higher plant species, total known	236	
Higher plant species, threatened		
GEF benefits index for biodiversity (0-100, median is 1.5)	0.3	
Energy		6.2
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)		6.3 5,416
Energy from biomass products and waste (% of total)		3,410
Electric power consumption per capita (kWh)		9,675
Electricity generated using fossil fuel (% of total)		62.0
Electricity generated by hydropower (% of total)		11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	13.6	0.4 12.6
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	6.5	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	14	26
Transport sector fuel consumption per capita (liters)		1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)		9,313
Freshwater withdrawal Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)		100
Rural (% of rural population)		98
Urban (% of urban population)		100
Access to improved sanitation (% of total population)		100
Rural (% of rural population)	••	99 100
Urban (% of urban population)		100
Environment and health Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)		7
National accounting aggregates		00.5
Gross savings (% of GNI)		20.6 14.5
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)		14.5 4.6
Energy depletion (% of GNI)		1.5
Mineral depletion (% of GNI)		0.2
Net forest depletion (% of GNI)		0.0
CO ₂ damage (% of GNI)		0.3
Particulate emission damage (% of GNI)		0.3
Adjusted net savings (% of GNI)		8.5

80



Population (thousands) 834 Land area (1,000 sq. km) 18 GDP (\$ billions) 3.4

	Country data	East Asia & Pacific group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)	3,750		
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	52 2.1		
Population growth (average annual %, 1990–2007)	0.8		0.9
Agriculture			
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	25 1.867		
Food production index (1999–2001 = 100)	96		,
Population density, rural (people/sq. km of arable land)	203		110
Forests and biodiversity			
Forest area (% of land area)	54.7 -0.1		
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	-0.1		
Animal species, total known	127		10.5
Animal species, threatened	124		
Higher plant species, total known	1,518		
Higher plant species, threatened	66		
GEF benefits index for biodiversity (0-100, median is 1.5)	3.9		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.4	4.8
Energy use per capita (kg oil equivalent)		1,258	
Energy from biomass products and waste (% of total)		14.7	
Electric power consumption per capita (kWh)		1,669	
Electricity generated using fossil fuel (% of total)		82.0	
Electricity generated by hydropower (% of total)		15.0	27.6
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.5	0.9	0.5
CO ₂ emissions per capita (metric tons)	2.0		
CO ₂ emissions growth (%, 1990–2005)	101.8	123.4	-8.3
Particulate matter (urban-popweighted avg., µg/cu. m)	22		
Transport sector fuel consumption per capita (liters)	••	106	332
Water and sanitation Internal freshwater resources per capita (cu. m)	34,221	4,948	16,993
Freshwater withdrawal	54,221	4,540	10,555
Total (% of internal resources)	0.2	10.2	13.8
Agriculture (% of total freshwater withdrawal)	71	74	
Access to improved water source (% of total population)	47	87	
Rural (% of rural population)	51 43		
Urban (% of urban population) Access to improved sanitation (% of total population)	43 71		
Rural (% of rural population)	55		
Urban (% of urban population)	87	75	89
Environment and health			
Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	18	27	24
National accounting aggregates			
Gross savings (% of GNI)		48.0	23.2
Consumption of fixed capital (% of GNI)	11.7		
	6.0		4.4
	0.0		
Energy depletion (% of GNI)			
Energy depletion (% of GNI) Mineral depletion (% of GNI)	0.9		
Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.9 0.0	0.0	0.0
Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI) CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	0.9	0.0 1.3	0.0 0.6

Finland

Population (millions) 5.3 Land area (1,000 sq. km) 304.6 GDP (\$ billions) 244.7

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	44,300	37,572
Urban population (% of total)	63	78
Urban population growth (average annual %, 1990–2007)	0.5	1.0
Population growth (average annual %, 1990-2007)	0.3	0.7
Agriculture	7	38
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	33,738	27,680
Food production index (1999–2001 = 100)	109	102
Population density, rural (people/sq. km of arable land)	88	323
Forests and biodiversity		
Forest area (% of land area)	73.9	28.8
Deforestation (average annual %, 1990–2005)	-0.1	-0.1
Nationally protected area (% of land area)	9.7	11.8
Animal species, total known	501	
Animal species, threatened	20	
Higher plant species, total known Higher plant species, threatened	1,102 1	
GEF benefits index for biodiversity (0–100, median is 1.5)	0.2	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	4.5	6.3
Energy use per capita (kg oil equivalent)	7,108	5,416
Energy from biomass products and waste (% of total)	20.4	3.4
Electric power consumption per capita (kWh)	17,177	9,675
Electricity generated using fossil fuel (% of total)	36.2	62.0
Electricity generated by hydropower (% of total)	14.0	11.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per capita (metric tons)	10.1	12.6
CO ₂ emissions growth (%, 1990–2005)	5.1	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	18	26
Transport sector fuel consumption per capita (liters)	915	1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	20,232	9,313
Freshwater withdrawal	0.0	10.4
Total (% of internal resources) Agriculture (% of total freshwater withdrawal)	2.3 3	10.4 43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)	100	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	100	100
Rural (% of rural population)	100	99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		7
Under-five mortality rate (per 1,000 live births)	4	7
National accounting aggregates Gross savings (% of GNI)	26.5	20.6
Consumption of fixed capital (% of GNI)	14.8	14.5
Education expenditure (% of GNI)	5.9	4.6
Energy depletion (% of GNI)	0.0	1.5
Mineral depletion (% of GNI)	0.1	0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI)	0.2	0.3
Particulate emission damage (% of GNI)	0.1	0.3

France

Population (millions) **62** Land area (1,000 sq. km) **550** GDP (\$ billions) **2,589.8**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	38,810	37,572
Urban population (% of total)	77	78
Urban population growth (average annual %, 1990–2007)	0.7 0.5	1.0 0.7
Population growth (average annual %, 1990-2007)	0.5	0.7
Agriculture Agricultural land (% of land area)	54	38
Agricultural productivity (value added per worker, 2000 \$)	47,153	27,680
Food production index (1999-2001 = 100)	98	102
Population density, rural (people/sq. km of arable land)	77	323
Forests and biodiversity	28.3	28.8
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	28.3 -0.5	28.8 -0.1
Nationally protected area (% of land area)	10.1	11.8
Animal species, total known	665	11.0
Animal species, total known Animal species, threatened	127	
Higher plant species, total known	4,630	
Higher plant species, threatened	8	
GEF benefits index for biodiversity (0-100, median is 1.5)	5.3	
Energy	7.0	
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	7.0	6.3
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	4,444 4.4	5,416 3.4
Electric power consumption per capita (kWh)	7,813	9,675
Electricity generated using fossil fuel (% of total)	9.7	62.0
Electricity generated by hydropower (% of total)	9.8	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.4
CO ₂ emissions per capita (metric tons)	6.2	12.6
CO ₂ emissions growth (%, 1990–2005)	4.0	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	13 781	26 1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	2,893	9,313
Freshwater withdrawal		
Total (% of internal resources)	22.4	10.4
Agriculture (% of total freshwater withdrawal)	10	43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)	100	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)		100 99
Rural (% of rural population) Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	4	7
National accounting aggregates		
Gross savings (% of GNI)	19.2	20.6
Consumption of fixed capital (% of GNI)	13.3	14.5
Education expenditure (% of GNI)	5.1	4.6
Energy depletion (% of GNI)	0.0	1.5
Mineral depletion (% of GNI)	0.0	0.2 0.0
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0 0.1	0.0
Particulate emission damage (% of GNI)	0.0	0.3
Adjusted net savings (% of GNI)	10.9	8.5
najaotoa not ouvingo (10 or orti)	10.0	0.5

The Little Green Data Book 2009

French Polynesia

Population (thousands) 263 Land area (1,000 sq. km) 4 GDP (\$ billions) 3.4

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	16,070	37,572
Urban population (% of total)	52	78
Urban population growth (average annual %, 1990-2007)	1.3 1.7	1.0 0.7
Population growth (average annual %, 1990–2007)	1.7	0.1
Agriculture Agricultural land (% of land area)	12	38
Agricultural productivity (value added per worker, 2000 \$)		27,680
Food production index (1999–2001 = 100)	109	102
Population density, rural (people/sq. km of arable land)	4,116	323
Forests and biodiversity		
Forest area (% of land area)	28.7	28.8
Deforestation (average annual %, 1990–2005)	0.0	-0.1
Nationally protected area (% of land area)	0.2 137	11.8
Animal species, total known Animal species, threatened	102	
Higher plant species, total known	959	
Higher plant species, threatened	47	
GEF benefits index for biodiversity (0–100, median is 1.5)	4.6	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)		5,416
Energy from biomass products and waste (% of total)	••	3.4
Electric power consumption per capita (kWh)		9,675
Electricity generated using fossil fuel (% of total)		62.0
Electricity generated by hydropower (% of total)		11.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.4
CO ₂ emissions per unit of GDF (kg/2003 FFF \$)	2.7	12.6
CO ₂ emissions growth (%, 1990–2005)	12.0	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)		26
Transport sector fuel consumption per capita (liters)		1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	38,078	9,313
Freshwater withdrawal		
Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population) Rural (% of rural population)	100 100	100 98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	98	100
Rural (% of rural population)	97	99
Urban (% of urban population)	99	100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)		7
National accounting aggregates		
Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI)		14.5
		4.6
Education expenditure (% of GNI)		
Education expenditure (% of GNI) Energy depletion (% of GNI)		1.5
Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	 	1.5 0.2
Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)		1.5 0.2 0.0
Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI) CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	 	1.5 0.2

84

Gabon

Population (millions) 1.3 Land area (1,000 sq. km)	257.7 GD	P (\$ billions	11.6
	Country data	Sub- Saharan Africa group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)	7,020	951	7,107
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	85 3.4	36 4.0	
Population growth (average annual %, 1990–2007)	2.2	2.6	
Agriculture			
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	20 1,663	44 287	31 2,947
Food production index (1999-2001 = 100)	1,003	109	113
Population density, rural (people/sq. km of arable land)	65	351	110
Forests and biodiversity			
Forest area (% of land area)	84.5 0.0	26.5 0.6	
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	13.5	11.3	
Animal species, total known	798	11.0	10.0
Animal species, threatened	45		
Higher plant species, total known	6,651		
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	108 3.0		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	9.9	3.0	4.8
Energy use per capita (kg oil equivalent)	1,391	670	2,300
Energy from biomass products and waste (% of total)	56.3	56.3	
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	1,083 44.8	531 65.6	3,242 62.8
Electricity generated using lossifier (% of total)	54.8	18.0	
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.08	0.49	0.52
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	1.2 -74.9	0.8 40.1	5.5 -8.3
Particulate matter (urban-popweighted avg., µg/cu. m)	8	53	30
Transport sector fuel consumption per capita (liters)	123	64	332
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	123,291	4,824	16,993
Total (% of internal resources)	0.1	3.2	13.8
Agriculture (% of total freshwater withdrawal)	42	87	57
Access to improved water source (% of total population) Rural (% of rural population)	87 47	58 46	95 83
Urban (% of urban population)	95	81	98
Access to improved sanitation (% of total population)	36	31	83
Rural (% of rural population) Urban (% of urban population)	30 37	24 42	64 89
	31	42	03
Environment and health Acute resp. infection prevalence (% of children under five)	13.0		
Diarrhea prevalence (% of children under five)	15.7		
Under-five mortality rate (per 1,000 live births)	91	146	24
National accounting aggregates	40.0	17.4	22.2
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	46.3 14.2	17.4 11.1	23.2 12.8
Education expenditure (% of GNI)	3.1	3.6	
Energy depletion (% of GNI)	33.3	11.7	7.6
Mineral depletion (% of GNI)	0.0	1.5	1.3
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0 0.1	0.5 0.7	0.0 0.6
Particulate emission damage (% of GNI)	0.1	0.4	0.4
Adjusted net savings (% of GNI)	1.7	-5.0	4.9

The Little Green Data Book 2009

Gambia, The

CNI per copite World Papk Atlas mothed (\$)		Sub-	
CNI paragrita World Pank Atlan mathed (4)	Country data	Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	320	951	574
Urban population (% of total)	56	36	
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	5.6 3.4	4.0 2.6	
Agriculture			
Agricultural land (% of land area)	81	44	39
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	244 104	287 109	330 112
Population density, rural (people/sq. km of arable land)	213	351	603
Forests and biodiversity	47.4	20.5	0.4.
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	47.1 -0.4	26.5 0.6	
Nationally protected area (% of land area)	-0.4	11.3	
Animal species, total known	668		
Animal species, threatened	32		
Higher plant species, total known	974 4		
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	0.1		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.0	
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)		670 56.3	
Electric power consumption per capita (kWh)		531	
Electricity generated using fossil fuel (% of total)		65.6	
Electricity generated by hydropower (% of total)		18.0	38.8
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.5	0.4
CO ₂ emissions per capita (metric tons)	0.2	0.3	
CO ₂ emissions growth (%, 1990–2005)	50.0	40.1	39.3
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	86	53 64	
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	1,758	4,824	4,619
Total (% of internal resources)	1.0	3.2	9.4
Agriculture (% of total freshwater withdrawal)	65	87	90
Access to improved water source (% of total population)	86	58	
Rural (% of rural population) Urban (% of urban population)	81 91	46 81	60 84
Access to improved sanitation (% of total population)	52	31	
Rural (% of rural population)	55	24	
Urban (% of urban population)	50	42	54
Environment and health Acute resp. infection prevalence (% of children under five)	8.0		
Diarrhea prevalence (% of children under five)	21.5		
Under-five mortality rate (per 1,000 live births)	109	146	126
National accounting aggregates	12.6	17.4 11.1	
Gross savings (% of GNI)			9.3
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	8.7		26
Gross savings (% of GNI)		3.6	
Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	8.7 2.0	3.6 11.7	9.8
Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	8.7 2.0 0.0 0.0 0.6	3.6 11.7 1.5 0.5	9.8 0.9 0.8
Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	8.7 2.0 0.0 0.0	3.6 11.7 1.5	9.8 0.9 0.8 0.7

Georgia

Population (millions) 4.4 Land area (1,000 sq. km) 69.5 GDP (\$ billions) Europe & Lower Central middle-Country Asia income data group group GNI per capita, World Bank Atlas method (\$) 2.120 6.052 1.905 Urban population (% of total) 53 64 42 2.9 Urban population growth (average annual %, 1990-2007) -1.5 0.2 Population growth (average annual %, 1990-2007) -1.3 1.3 0.1 Agriculture Agricultural land (% of land area) 43 47 28 Agricultural productivity (value added per worker, 2000 \$) 1,937 2,228 532 Food production index (1999-2001 = 100) 103 116 129 511 Population density, rural (people/sq. km of arable land) 265 Forests and biodiversity 39.7 38.3 25.0 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.0 0.0 0.1 Nationally protected area (% of land area) 3.9 6.1 11.0 366 Animal species, total known Animal species, threatened 49 4.350 Higher plant species, total known Higher plant species, threatened 0 GEF benefits index for biodiversity (0-100, median is 1.5) 0.6 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 5.2 3.5 3.9 Energy use per capita (kg oil equivalent) 754 2,930 1,019 Energy from biomass products and waste (% of total) 19.3 2.2 15.2 Electric power consumption per capita (kWh) 1,549 3,835 1,269 Electricity generated using fossil fuel (% of total) 27.1 67.7 79.0 16.3 Electricity generated by hydropower (% of total) 72.9 17.4 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.3 0.7 0.8 CO₂ emissions per capita (metric tons) 7.0 2.8 1.1 CO_2 emissions growth (%, 1990–2005) -724-29.3935 47 27 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 67 Transport sector fuel consumption per capita (liters) 255 131 99 Water and sanitation 11,806 4,117 Internal freshwater resources per capita (cu. m) 13,216 Freshwater withdrawal Total (% of internal resources) 28 72 87 Agriculture (% of total freshwater withdrawal) 60 80 65 99 95 88 Access to improved water source (% of total population) Rural (% of rural population) 97 88 82 Urban (% of urban population) 100 99 96 Access to improved sanitation (% of total population) 93 89 55 Rural (% of rural population) 92 79 43 Urban (% of urban population) 94 94 71 **Environment and health** Acute resp. infection prevalence (% of children under five) 4.0 Diarrhea prevalence (% of children under five) 6.0 Under-five mortality rate (per 1,000 live births) 30 23 50 National accounting aggregates Gross savings (% of GNI) 17.0 24.0 41.7 Consumption of fixed capital (% of GNI) 12.8 10.7 10 4 Education expenditure (% of GNI) 2.8 4.0 2.6 Energy depletion (% of GNI) 0.0 9.8 6.6 Mineral depletion (% of GNI) 0.0 0.7 1.2 Net forest depletion (% of GNI) 0.0 0.0 0.2 0.4 1.2 CO₂ damage (% of GNI) 1.0 Particulate emission damage (% of GNI) 1.3 0.5 1.1 7.7 3.2 23.5 Adjusted net savings (% of GNI)

Germany

Population (millions) 82 Land area (1,000 sq. km) 349 GDP (\$ billions) 3,317.4

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	38,990 74	37,572 78
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	0.2 0.2	1.0 0.7
Agriculture Agricultural land (% of land area)	49	38
Agricultural productivity (value added per worker, 2000 \$)	26,418	27,680
Food production index (1999–2001 = 100)	99	102
Population density, rural (people/sq. km of arable land)	184	323
Forests and biodiversity Forest area (% of land area)	31.8	28.8
Deforestation (average annual %, 1990–2005)	-0.2	-0.1
Nationally protected area (% of land area)	21.7	11.8
Animal species, total known	613	
Animal species, threatened Higher plant species, total known	62 2,682	
Higher plant species, total known	12	
GEF benefits index for biodiversity (0–100, median is 1.5)	0.6	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	7.6 4,231	6.3 5,416
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	4,231	3,410
Electric power consumption per capita (kWh)	7,174	9,675
Electricity generated using fossil fuel (% of total)	61.6	62.0
Electricity generated by hydropower (% of total)	3.2	11.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per capita (metric tons)	9.5	12.6
CO ₂ emissions growth (%, 1990–2005)	-20.0	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	19 686	26 1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	1,301	9,313
Freshwater withdrawal		
Total (% of internal resources)	44.0	10.4
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	20 100	43 100
Rural (% of rural population)	100	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	100	100
Rural (% of rural population) Urban (% of urban population)	100 100	99 100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	4	7
National accounting aggregates Gross savings (% of GNI)	24.9	20.6
Consumption of fixed capital (% of GNI)	24.9 14.6	14.5
Education expenditure (% of GNI)	4.4	4.6
Energy depletion (% of GNI)	0.2	1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0 0.2	0.0
Particulate emission damage (% of GNI)	0.1	0.3
Adjusted net savings (% of GNI)	14.3	8.5

88

Ghana

Population (millions) 23 Land area (1,000 sq. km) 228 GDP (\$ billions) 15.1 Sub-Saharan Low-Country Africa income data group group GNI per capita, World Bank Atlas method (\$) 590 951 574 Urban population (% of total) 49 36 32 Urban population growth (average annual %, 1990-2007) 4.2 4.0 3.7 Population growth (average annual %, 1990-2007) 24 2.6 2.4 Agriculture Agricultural land (% of land area) 39 65 44 Agricultural productivity (value added per worker, 2000 \$) 332 287 330 Food production index (1999-2001 = 100) 117 109 112 Population density, rural (people/sq. km of arable land) 281 351 603 Forests and biodiversity 24.2 26.5 24.7 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 2.0 0.6 0.7 15.9 Nationally protected area (% of land area) 11.3 10.8 Animal species, total known 978 Animal species, threatened 57 3.725 Higher plant species, total known Higher plant species, threatened 117 GEF benefits index for biodiversity (0-100, median is 1.5) 1.9 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 2.9 3.0 3.2 Energy use per capita (kg oil equivalent) 413 670 478 Energy from biomass products and waste (% of total) 63.3 56.3 53.8 Electric power consumption per capita (kWh) 304 531 309 Electricity generated using fossil fuel (% of total) 33.3 65.6 48.4 66.7 38.8 Electricity generated by hydropower (% of total) 18.0 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.3 0.5 0.4 CO₂ emissions per capita (metric tons) 0.3 0.8 0.6 CO_2 emissions growth (%, 1990–2005) 94.3 40.1 393 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 34 53 69 Transport sector fuel consumption per capita (liters) 58 64 41 Water and sanitation 1,291 4,824 4,619 Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) 32 32 94 Agriculture (% of total freshwater withdrawal) 87 90 66 20 58 68 Access to improved water source (% of total population) Rural (% of rural population) 71 46 60 Urban (% of urban population) 90 81 84 Access to improved sanitation (% of total population) 10 31 39 Rural (% of rural population) 6 24 33 Urban (% of urban population) 15 42 54 **Environment and health** Acute resp. infection prevalence (% of children under five) 10.0 Diarrhea prevalence (% of children under five) 17.9 Under-five mortality rate (per 1,000 live births) 115 146 126 National accounting aggregates Gross savings (% of GNI) 23.2 17.4 25.4 Consumption of fixed capital (% of GNI) 9.3 89 11 1 Education expenditure (% of GNI) 4.7 3.6 2.6 Energy depletion (% of GNI) 0.0 9.8 11.7 Mineral depletion (% of GNI) 4.5 1.5 0.9 Net forest depletion (% of GNI) 2.3 0.5 0.8 0.4 0.7 CO₂ damage (% of GNI) 0.7 Particulate emission damage (% of GNI) 0.1 0.4 0.7 5.8 Adjusted net savings (% of GNI) 11.5 -5.0

The Little Green Data Book 2009

Greece

Population (millions) **11** Land area (1,000 sq. km) **129** GDP (\$ billions) **313.4**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	25,740 61	37,572 78
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	0.8 0.6	1.0 0.7
Agriculture	٥٦	20
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	65 9,105	38 27,680
Food production index (1999–2001 = 100)	96	102
Population density, rural (people/sq. km of arable land)	167	323
Forests and biodiversity Forest area (% of land area)	29.1	28.8
Deforestation (average annual %, 1990-2005)	-0.9	-0.1
Nationally protected area (% of land area)	3.1	11.8
Animal species, total known	530	
Animal species, threatened Higher plant species, total known	107 4,992	
Higher plant species, total known	4,992	
GEF benefits index for biodiversity (0–100, median is 1.5)	2.8	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	9.3	6.3
Energy use per capita (kg oil equivalent)	2,792	5,416
Energy from biomass products and waste (% of total)	3.3	3.4
Electric power consumption per capita (kWh)	5,372	9,675
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	87.2 9.7	62.0 11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	8.6 32.0	12.6 19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	36	26
Transport sector fuel consumption per capita (liters)	684	1,159
Water and sanitation	F 400	0.040
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	5,182	9,313
Total (% of internal resources)	13.4	10.4
Agriculture (% of total freshwater withdrawal)	80	43
Access to improved water source (% of total population)	100 99	100 98
Rural (% of rural population) Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	98	100
Rural (% of rural population)	97	99
Urban (% of urban population)	99	100
Environment and health Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	4	7
National accounting aggregates Gross savings (% of GNI)	9.5	20.6
Consumption of fixed capital (% of GNI)	9.5 14.6	14.5
Education expenditure (% of GNI)	2.8	4.6
Energy depletion (% of GNI)	0.2	1.5
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.2 0.0	0.2 0.0
CO ₂ damage (% of GNI)	0.0	0.0
Particulate emission damage (% of GNI)	0.7	0.3
Adjusted net savings (% of GNI)	-3.7	8.5

90

Greenland

Population (thousands) 57 Land area (1,000 sq. km) 410 GDP (\$ billions)

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)		37,572
Urban population (% of total)	83	78
Urban population growth (average annual %, 1990–2007		1.0
Population growth (average annual %, 1990-2007)	0.1	0.7
Agriculture		
Agricultural land (% of land area)	. 1	38
Agricultural productivity (value added per worker, 2000 \$ Food production index (1999–2001 = 100)) 100	27,680 102
Population density, rural (people/sq. km of arable land)	100	323
Forests and biodiversity		
Forest area (% of land area)	0.0	28.8
Deforestation (average annual %, 1990-2005)		-0.1
Nationally protected area (% of land area)	0.0	11.8
Animal species, total known	166	
Animal species, threatened	12	
Higher plant species, total known	529	
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	1 1.1	
	, 1.1	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent		6.3
Energy use per capita (kg oil equivalent)		5,416
Energy from biomass products and waste (% of total)		3.4
Electric power consumption per capita (kWh)		9,675
Electricity generated using fossil fuel (% of total)		62.0
Electricity generated by hydropower (% of total)		11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.4
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	9.8 0.7	12.6 19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	0.7	26
Transport sector fuel consumption per capita (liters)		1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	10,624,264	9,313
Freshwater withdrawal		
Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)		100
Rural (% of rural population)		98 100
Urban (% of urban population) Access to improved sanitation (% of total population)	••	100
Rural (% of rural population)		99
Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five)	
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)		7
National accounting aggregates		
Gross savings (% of GNI)		20.6
		14.5
		4.6
Education expenditure (% of GNI)		1 =
Education expenditure (% of GNI) Energy depletion (% of GNI)		
Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)		0.2
Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	 	0.2 0.0
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI) CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	 	1.5 0.2 0.0 0.3 0.3

The Little Green Data Book 2009

Grenada

Population (thousands) 106 Land area (sq. km)	. km) 340 GDP (\$ millions) 605		
	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	3,920		
Urban population (% of total) Urban population growth (average annual %, 1990-2007)	31 0.3		
Population growth (average annual %, 1990–2007)	0.6		
Agriculture Agricultural land (% of land area)	38	36	31
Agricultural productivity (value added per worker, 2000 \$)	1,522		
Food production index (1999–2001 = 100)	103		
Population density, rural (people/sq. km of arable land)	3,652	232	110
Forest area (% of land area)	12.1	45.4	39.3
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	0.0		
Nationally protected area (% of land area)	1.8		
Animal species, total known	181		
Animal species, threatened	34		
Higher plant species, total known Higher plant species, threatened	1,068 3		
GEF benefits index for biodiversity (0-100, median is 1.5)	0.6		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)			
Energy use per capita (kg oil equivalent)			,
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)		15.9 1,808	
Electricity generated using fossil fuel (% of total)		27.0	
Electricity generated by hydropower (% of total)		F7.0	
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3		
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	2.2 93.9		
Particulate matter (urban-popweighted avg., µg/cu. m)	20		
Transport sector fuel consumption per capita (liters)		005	
Water and sanitation			
Internal freshwater resources per capita (cu. m)		23,965	16,993
Freshwater withdrawal Total (% of internal resources)		2.0	13.8
Agriculture (% of total freshwater withdrawal)		71	
Access to improved water source (% of total population)		0.4	95
Rural (% of rural population)			
Urban (% of urban population)	97 97		
Access to improved sanitation (% of total population) Rural (% of rural population)	97		
Urban (% of urban population)	96		
Environment and health			
Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five)	19		24
Under-five mortality rate (per 1,000 live births)	19	20	24
National accounting aggregates		22.9	23.2
National accounting aggregates Gross savings (% of GNI)			
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	16.0		
Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	5.1		
Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI)	5.1 0.0	5.4	7.6
Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	5.1 0.0 0.0	5.4	7.6 1.3
Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Education expenditure (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	5.1 0.0 0.0	5.4 1.9 0.0	7.6 1.3 0.0
Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	5.1 0.0 0.0	5.4 1.9 0.0 0.3	7.6 1.3 0.0 0.6

2009 The Little Green Data Book

Green09 0427.indd 92 4/28/09 11:11:35 AM



Population (thousands) 173 Land area (sq. km) 540 GDP (\$ millions)

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)		37,572
Urban population (% of total)	93	78
Urban population growth (average annual %, 1990-2007)	1.7	1.0
Population growth (average annual %, 1990-2007)	1.5	0.7
Agriculture		
Agricultural land (% of land area)	37	38
Agricultural productivity (value added per worker, 2000 \$)		27,680
Food production index (1999–2001 = 100)	107	102
Population density, rural (people/sq. km of arable land)	582	323
Forests and biodiversity	40.0	20.0
Forest area (% of land area)	48.0	28.8
Deforestation (average annual %, 1990–2005)	0.0	-0.1
Nationally protected area (% of land area)	2.2	11.8
Animal species, total known	71	
Animal species, threatened	31	
Higher plant species, total known	330	
Higher plant species, threatened	4	
GEF benefits index for biodiversity (0-100, median is 1.5)	0.2	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)	••	5,416
Energy from biomass products and waste (% of total)	••	3.4
Electric power consumption per capita (kWh)	••	9,675
Electricity generated using fossil fuel (% of total)	••	62.0
Electricity generated by hydropower (% of total)		11.4
Emissions and pollution		0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.4
CO ₂ emissions per capita (metric tons)	••	12.6
CO ₂ emissions growth (%, 1990–2005)		19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	••	26 1,159
Transport sector fuel consumption per capita (liters)		1,139
Water and sanitation Internal freshwater resources per capita (cu. m)		9,313
Freshwater withdrawal		9,313
Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)	100	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	99	100
Rural (% of rural population)	98	99
Urban (% of urban population)	99	100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)		7
National accounting aggregates		
Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI)		14.5
Education expenditure (% of GNI)		4.6
		1.5
Energy depletion (% of GNI)		0.2
Energy depletion (% of GNI) Mineral depletion (% of GNI)		0.2
Mineral depletion (% of GNI)		0.0
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	 	0.0 0.3 0.3

The Little Green Data Book 2009

Guatemala

Population (millions) 13 Land area (1,000 sq. km)	108 GDP (\$ billions		(1,000 sq. km) 108 GDP (\$ billions) 33		33.9
	Country data	Latin America & Caribbean group			
GNI per capita, World Bank Atlas method (\$)	2,450 48	-,			
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	3.3				
Population growth (average annual %, 1990–2007)	2.4	1.5	1.3		
Agriculture Agricultural land (% of land area)	43	36	47		
Agricultural productivity (value added per worker, 2000 \$)	2,652				
Food production index (1999–2001 = 100)	108				
Population density, rural (people/sq. km of arable land)	466	232	511		
Forests and biodiversity Forest area (% of land area)	36.3	45.4	25.0		
Deforestation (average annual %, 1990–2005)	1.2				
Nationally protected area (% of land area)	32.6	16.7	11.0		
Animal species, total known	877				
Animal species, threatened	145				
Higher plant species, total known Higher plant species, threatened	8,681 83				
GEF benefits index for biodiversity (0–100, median is 1.5)	8.0				
Energy					
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	6.6				
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	628 51.5	,			
Electric power consumption per capita (kWh)	529				
Electricity generated using fossil fuel (% of total)	39.0				
Electricity generated by hydropower (% of total)	48.3	57.3	16.3		
Emissions and pollution			0.0		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.2 0.9				
CO ₂ emissions growth (%, 1990–2005)	125.0				
Particulate matter (urban-popweighted avg., µg/cu. m)	62				
Transport sector fuel consumption per capita (liters)	142	295	99		
Water and sanitation	0 101	22.065	// 117		
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	8,181	23,965	4,117		
Total (% of internal resources)	1.8	2.0	8.7		
Agriculture (% of total freshwater withdrawal)	80				
Access to improved water source (% of total population)	96		88		
Rural (% of rural population) Urban (% of urban population)	94 99				
Access to improved sanitation (% of total population)	84				
Rural (% of rural population)	79	51	43		
Urban (% of urban population)	90	86	71		
Environment and health					
Acute resp. infection prevalence (% of children under five)	18.0				
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	13.3 39		50		
National accounting aggregates					
Gross savings (% of GNI)	16.8				
Consumption of fixed capital (% of GNI)	10.9				
Education expenditure (% of GNI) Energy depletion (% of GNI)	2.8				
Mineral depletion (% of GNI)	0.6				
Net forest depletion (% of GNI)	0.8				
CO ₂ damage (% of GNI)	0.3	0.3	1.2		
Particulate emission damage (% of GNI)	0.5 6.5				
Adjusted net savings (% of GNI)					

2009 The Little Green Data Book

Green09 0427.indd 94 4/28/09 11:11:36 AM

Guinea

Population (millions) 9.4 Land area (1,000 sq. km) 245.7 GDP (\$ billions) Sub-Saharan Low-Country Africa income data group group GNI per capita, World Bank Atlas method (\$) 400 951 574 Urban population (% of total) 34 36 32 3.7 Urban population growth (average annual %, 1990-2007) 4.0 3.7 Population growth (average annual %, 1990-2007) 2.6 2.6 2.4 Agriculture Agricultural land (% of land area) 51 39 44 Agricultural productivity (value added per worker, 2000 \$) 193 287 330 Food production index (1999-2001 = 100) 115 109 112 Population density, rural (people/sq. km of arable land) 503 351 603 Forests and biodiversity 27.4 26.5 24.7 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.6 0.6 0.7 Nationally protected area (% of land area) 6.1 11.3 10.8 Animal species, total known 855 Animal species, threatened 64 3.000 Higher plant species, total known Higher plant species, threatened 22 GEF benefits index for biodiversity (0-100, median is 1.5) 2.3 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 3.0 3.2 Energy use per capita (kg oil equivalent) 670 478 Energy from biomass products and waste (% of total) 56.3 53.8 Electric power consumption per capita (kWh) 531 309 Electricity generated using fossil fuel (% of total) 65.6 48.4 38.8 Electricity generated by hydropower (% of total) 18.0 **Emissions and pollution** CO₂ emissions per unit of GDP (kg/2005 PPP \$) 0.1 0.5 0.4 CO₂ emissions per capita (metric tons) 0.2 0.8 0.6 39.3 CO_2 emissions growth (%, 1990–2005) 341 40.1 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 70 53 69 Transport sector fuel consumption per capita (liters) 64 41 Water and sanitation 24,093 4,824 4,619 Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) 0.7 32 94 Agriculture (% of total freshwater withdrawal) 90 87 90 70 58 68 Access to improved water source (% of total population) Rural (% of rural population) 59 46 60 Urban (% of urban population) 91 81 84 Access to improved sanitation (% of total population) 19 31 39 Rural (% of rural population) 12 24 33 Urban (% of urban population) 33 42 54 **Environment and health** Acute resp. infection prevalence (% of children under five) 15.0 Diarrhea prevalence (% of children under five) 21.2 Under-five mortality rate (per 1,000 live births) 150 146 126 National accounting aggregates Gross savings (% of GNI) 8.8 17.4 25.4 Consumption of fixed capital (% of GNI) 8.6 9.3 11 1 Education expenditure (% of GNI) 2.0 3.6 2.6 Energy depletion (% of GNI) 0.0 9.8 11.7 Mineral depletion (% of GNI) 4.9 1.5 0.9 Net forest depletion (% of GNI) 1.7 0.5 0.8 0.2 0.7 CO₂ damage (% of GNI) 0.7 Particulate emission damage (% of GNI) 0.3 0.4 0.7 Adjusted net savings (% of GNI) -4.9-5.05.8

The Little Green Data Book 2009

Guinea-Bissau

Population (millions) 1.7 Land area (1,000 sq. km)	28.1 GD	P (\$ millions	357
	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	200	951	574
Urban population (% of total)	30	36	32
Urban population growth (average annual %, 1990–2007)	3.3	4.0	3.7
Population growth (average annual %, 1990-2007)	3.0	2.6	2.4
Agriculture			
Agricultural land (% of land area)	58	44	39
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	246 110	287 109	330 112
Population density, rural (people/sq. km of arable land)	375	351	603
Forests and biodiversity			
Forest area (% of land area)	73.7	26.5	24.7
Deforestation (average annual %, 1990–2005)	0.4	0.6	0.7
Nationally protected area (% of land area)	10.2	11.3	10.8
Animal species, total known	560		
Animal species, threatened	33 1,000		
Higher plant species, total known Higher plant species, threatened	1,000		
GEF benefits index for biodiversity (0–100, median is 1.5)	0.6		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.0	3.2
Energy use per capita (kg oil equivalent)		670	478
Energy from biomass products and waste (% of total)		56.3	53.8
Electric power consumption per capita (kWh)		531	309
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)		65.6 18.0	48.4 38.8
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-pop-weighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	0.4 0.2 29.8 72	0.5 0.8 40.1 53 64	0.4 0.6 39.3 69 41
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	9,441	4,824	4,619
Total (% of internal resources)	1.1	3.2	9.4
Agriculture (% of total freshwater withdrawal)	82	87	90
Access to improved water source (% of total population)	57	58	68
Rural (% of rural population)	47	46	60
Urban (% of urban population)	82	81	84 39
Access to improved sanitation (% of total population) Rural (% of rural population)	33 26	31 24	33
Urban (% of urban population)	48	42	54
Environment and health			
Acute resp. infection prevalence (% of children under five)	10.0		
Diarrhea prevalence (% of children under five)	31.5		
Under-five mortality rate (per 1,000 live births)	198	146	126
National accounting aggregates			
Gross savings (% of GNI)	24.0	17.4	25.4
Consumption of fixed capital (% of GNI)	7.5	11.1	9.3
Education expenditure (% of GNI) Energy depletion (% of GNI)	2.3 0.0	3.6 11.7	2.6 9.8
Mineral depletion (% of GNI)	0.0	11.7	0.9
Net forest depletion (% of GNI)	0.0	0.5	0.8
CO ₂ damage (% of GNI)	0.6	0.7	0.7
Particulate emission damage (% of GNI)	0.9	0.4	0.7
Adjusted net savings (% of GNI)	17.3	-5.0	5.8

2000 The Little Cross

Green09 0427.indd 96 4/28/09 11:11:36 AM

Guyana

Population (thousands) 739 Land area (1,000 sq. km)	197 GE) 1.1	
	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	1,250		
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	28 -0.2		42 2.9
Population growth (average annual %, 1990–2007)	0.1		1.3
Agriculture			
Agricultural land (% of land area)	2 202		
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	3,383 106	,	532 116
Population density, rural (people/sq. km of arable land)	111		511
Forests and biodiversity			
Forest area (% of land area)	76.7		
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	0.0 2.5		0.1 11.0
Animal species, total known	1,023		11.0
Animal species, threatened	46		
Higher plant species, total known	6,409 22		
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	3.0		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)			
Energy use per capita (kg oil equivalent)			1,019
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)		15.9 1,808	15.2 1,269
Electric power consumption per capita (kwin) Electricity generated using fossil fuel (% of total)		37.0	
Electricity generated by hydropower (% of total)		57.3	16.3
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.8 2.0		0.8 2.8
CO ₂ emissions growth (%, 1990–2005)	31.7		93.5
Particulate matter (urban-popweighted avg., µg/cu. m)	30		67
Transport sector fuel consumption per capita (liters)		295	99
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	326,316	23,965	4,117
Total (% of internal resources)	0.7		8.7
Agriculture (% of total freshwater withdrawal)	98		80
Access to improved water source (% of total population) Rural (% of rural population)	93 91		88 82
Urban (% of urban population)	98		96
Access to improved sanitation (% of total population)	81		55
Rural (% of rural population) Urban (% of urban population)	80 85		43 71
Environment and health			
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	5.0		
Under-five mortality rate (per 1,000 live births)	60	26	50
National accounting aggregates		22.0	/11 T
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	10.8		41.7 10.7
Education expenditure (% of GNI)	7.8		2.6
Energy depletion (% of GNI)	0.0		6.6
Mineral depletion (% of GNI)	17.1		
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0 1.1		0.2 1.2
552 damage (70 or divi)			
Particulate emission damage (% of GNI)	0.3	0.4	1.1

Haiti

Population (millions) 9.6 Land area (1,000 sq. km)	ation (millions) 9.6 Land area (1,000 sq. km) 27.6 GDP (\$ billions)		
	Country data	Latin America & Caribbean group	Low- income group
GNI per capita, World Bank Atlas method (\$)	520	5,801	574
Urban population (% of total)	45		32
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	4.5 1.8		3.7 2.4
Agriculture			
Agricultural land (% of land area)	58		39
Agricultural productivity (value added per worker, 2000 \$)		-,	330
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	101 683		112 603
	003	232	003
Forests and biodiversity Forest area (% of land area)	3.8	45.4	24.7
Deforestation (average annual %, 1990–2005)	0.7		0.7
Nationally protected area (% of land area)	0.7		10.8
Animal species, total known	312		
Animal species, threatened	101		
Higher plant species, total known	5,242		
Higher plant species, threatened	29		
GEF benefits index for biodiversity (0-100, median is 1.5)	5.2	:	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	4.0	7.3	3.2
Energy use per capita (kg oil equivalent)	4.0 272		3.2 478
Energy from biomass products and waste (% of total)	75.8	,	53.8
Electric power consumption per capita (kWh)	37		
Electricity generated using fossil fuel (% of total)	52.5	37.0	48.4
Electricity generated by hydropower (% of total)	47.5	57.3	38.8
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2		0.4
CO ₂ emissions per capita (metric tons)	0.2		0.6
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	77.9 37		39.3 69
Transport sector fuel consumption per capita (liters)	34		41
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	1,354	23,965	4,619
Total (% of internal resources)	7.6	2.0	9.4
Agriculture (% of total freshwater withdrawal)	94	71	90
Access to improved water source (% of total population)	58		68
Rural (% of rural population)	51		60
Urban (% of urban population) Access to improved sanitation (% of total population)	70 19		84 39
Rural (% of rural population)	12		33
Urban (% of urban population)	29		54
Environment and health			
Acute resp. infection prevalence (% of children under five)	39.0)	
Diarrhea prevalence (% of children under five)	25.7		
Under-five mortality rate (per 1,000 live births)	76	26	126
National accounting aggregates			
Gross savings (% of GNI)			25.4
Consumption of fixed capital (% of GNI)	9.8		9.3
Education expenditure (% of GNI) Energy depletion (% of GNI)	1.5 0.0		2.6 9.8
Mineral depletion (% of GNI)	0.0		0.9
Net forest depletion (% of GNI)	0.6		0.8
CO ₂ damage (% of GNI)	0.2		0.7
Particulate emission damage (% of GNI)	0.4		0.7
Adjusted net savings (% of GNI)		6.7	5.8

Honduras

Population (millions) 7.1 Land area (1,000 sq. km) 111.9 GDP (\$ billions) Latin Lower America & middle-Country Caribbean income data group group GNI per capita, World Bank Atlas method (\$) 1.590 5.801 1.905 Urban population (% of total) 47 78 42 2.9 Urban population growth (average annual %, 1990-2007) 3.2 2.1 Population growth (average annual %, 1990-2007) 2.2 1.5 1.3 Agriculture Agricultural land (% of land area) 47 26 36 1,489 Agricultural productivity (value added per worker, 2000 \$) 3,158 532 Food production index (1999-2001 = 100) 165 117 116 Population density, rural (people/sq. km of arable land) 342 232 511 Forests and biodiversity 41.5 45.4 25.0 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.5 3.0 0.1 Nationally protected area (% of land area) 19.6 16.7 11.0 900 Animal species, total known Animal species, threatened 120 5.680 Higher plant species, total known Higher plant species, threatened 110 GEF benefits index for biodiversity (0-100, median is 1.5) 7.2 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 5.5 7.3 3.9 Energy use per capita (kg oil equivalent) 621 1,240 1,019 Energy from biomass products and waste (% of total) 41.5 15.9 15.2 Electric power consumption per capita (kWh) 642 1,808 1,269 Electricity generated using fossil fuel (% of total) 56.1 37.0 79.0 43.2 16.3 Electricity generated by hydropower (% of total) 57.3 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.3 0.3 0.8 CO₂ emissions per capita (metric tons) 2.5 2.8 1.1 CO_2 emissions growth (%, 1990–2005) 186.8 33.4 935 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 43 35 67 Transport sector fuel consumption per capita (liters) 295 121 99 Water and sanitation 13,504 23,965 Internal freshwater resources per capita (cu. m) 4,117 Freshwater withdrawal Total (% of internal resources) 0.920 87 Agriculture (% of total freshwater withdrawal) 80 71 80 84 91 88 Access to improved water source (% of total population) Rural (% of rural population) 74 73 82 Urban (% of urban population) 95 97 96 Access to improved sanitation (% of total population) 66 78 55 Rural (% of rural population) 55 51 43 Urban (% of urban population) 78 86 71 **Environment and health** Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) 19.3 Under-five mortality rate (per 1,000 live births) 24 26 50 National accounting aggregates Gross savings (% of GNI) 23.8 22.9 41.7 Consumption of fixed capital (% of GNI) 10.8 12.6 10.7 Education expenditure (% of GNI) 3.5 4.5 2.6 Energy depletion (% of GNI) 0.0 5.4 6.6 Mineral depletion (% of GNI) 2.0 1.9 1.2 Net forest depletion (% of GNI) 0.0 0.0 0.2 1.2 0.5 CO₂ damage (% of GNI) 0.3 Particulate emission damage (% of GNI) 0.4 0.4 1.1 6.7 23.5 Adjusted net savings (% of GNI) 13.6

The Little Green Data Book 2009 99

Hong Kong, China

Population (millions) **6.9** Land area (1,000 sq. km) **1.0** GDP (\$ billions) **207.2**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	31,560 100	37,572 78
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	1.2 1.1	1.0 0.7
Agriculture Agricultural land (% of land area)		38
Agricultural productivity (value added per worker, 2000 \$)		27,680
Food production index (1999-2001 = 100) Population density, rural (people/sq. km of arable land)		102 323
Forests and biodiversity Forest area (% of land area)		28.8
Deforestation (average annual %, 1990–2005)		-0.1
Nationally protected area (% of land area)		11.8
Animal species, total known	363	
Animal species, threatened Higher plant species, total known	42	
Higher plant species, total known	6	
GEF benefits index for biodiversity (0-100, median is 1.5)		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	14.3	6.3
Energy use per capita (kg oil equivalent)	2,653	5,416
Energy from biomass products and waste (% of total)	0.3	3.4
Electric power consumption per capita (kWh)	5,883	9,675
Electricity generated using fossil fuel (% of total)	100.0	62.0
Electricity generated by hydropower (% of total)	0.0	11.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.4
CO ₂ emissions per capita (metric tons)	5.7	12.6
CO ₂ emissions growth (%, 1990–2005)	47.3	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	 240	26 1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m) Freshwater withdrawal		9,313
Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)		100
Rural (% of rural population)		98 100
Urban (% of urban population) Access to improved sanitation (% of total population)	•	100
Rural (% of rural population)		99
Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)		7
National accounting aggregates		
Gross savings (% of GNI)	33.8	20.6
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	13.8 3.0	14.5 4.6
Energy depletion (% of GNI)	0.0	4.0 1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI)	0.2	0.3
Particulate emission damage (% of GNI)		0.3
Adjusted net savings (% of GNI)	22.9	8.5

100

2009 The Little Green Data Book

Hungary

Population (millions) 10 Land area (1,000 sq. km) 90 GDP (\$ billions) 138.4

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	11,680	37,572
Urban population (% of total)	67	78
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	-0.1 -0.2	1.0 0.7
Agriculture		
Agricultural land (% of land area)	65	38
Agricultural productivity (value added per worker, 2000 \$)		27,680
Food production index (1999-2001 = 100) Population density, rural (people/sq. km of arable land)	111 74	102 323
Forests and biodiversity		
Forest area (% of land area)	22.1	28.8
Deforestation (average annual %, 1990–2005)	-0.6	-0.1
Nationally protected area (% of land area)	5.8	11.8
Animal species, total known	455 47	
Animal species, threatened Higher plant species, total known	2,214	
Higher plant species, total known Higher plant species, threatened	2,214	
GEF benefits index for biodiversity (0–100, median is 1.5)		
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)	2,740	5,416
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)	4.3 3,882	3.4 9,675
Electricity generated using fossil fuel (% of total)	5,002 57.9	62.0
Electricity generated by hydropower (% of total)	0.5	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per capita (metric tons)	5.6	12.6
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	-6.2 19	19.1 26
Transport sector fuel consumption per capita (liters)	484	1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	597	9,313
Freshwater withdrawal	407.0	10.4
Total (% of internal resources)	127.3	10.4 43
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	32 100	100
Rural (% of rural population)	100	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	100	100
Rural (% of rural population)	100	99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	7	7
National accounting aggregates		
Gross savings (% of GNI)	17.7	20.6
Consumption of fixed capital (% of GNI)	14.2	14.5
Education expenditure (% of GNI)	5.4	4.6
Energy depletion (% of GNI)	0.6	1.5
Mineral depletion (% of GNI)	0.0 0.0	0.2 0.0
Net forest depletion (% of GNI)	0.0	0.0
CO _o damage (% of GNI)		
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	0.4	0.3

Iceland

Population (thousands) 311 Land area (1,000 sq. km) 100 GDP (\$ billions) 20.0

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	57,750	37,572
Urban population (% of total)	92	78
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	1.3 1.2	1.0 0.7
Agriculture		
Agricultural land (% of land area)	23	38
Agricultural productivity (value added per worker, 2000 \$)		27,680
Food production index (1999-2001 = 100) Population density, rural (people/sq. km of arable land)	105 331	102 323
Forests and biodiversity		
Forest area (% of land area)	0.5	28.8
Deforestation (average annual %, 1990–2005)	-4.1	-0.1
Nationally protected area (% of land area)	3.9	11.8
Animal species, total known	338 17	
Animal species, threatened Higher plant species, total known	377	
Higher plant species, total known Higher plant species, threatened	0	
GEF benefits index for biodiversity (0–100, median is 1.5)	0.7	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	2.5	6.3
Energy use per capita (kg oil equivalent)	14,237	5,416
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)	0.0 31,328	3.4 9,675
Electricity generated using fossil fuel (% of total)	0.0	62.0
Electricity generated by hydropower (% of total)	73.4	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.4
CO ₂ emissions per capita (metric tons)	7.4	12.6
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	8.2	19.1 26
Transport sector fuel consumption per capita (liters)	18 1,069	1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	546,629	9,313
Freshwater withdrawal		
Total (% of internal resources)	0.1	10.4
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	0 100	43 100
Rural (% of rural population)	100	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	100	100
Rural (% of rural population)	100	99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	3	7
National accounting aggregates		
Gross savings (% of GNI)	12.7	20.6
Consumption of fixed capital (% of GNI)	16.1	14.5
Education expenditure (% of GNI)	7.2	4.6
Energy depletion (% of GNI)	0.0 0.0	1.5
Mineral depletion (% of GNI)		0.2 0.0
Net forest depletion (% of GNI)	0.0 0.1	
	0.0 0.1 0.1	0.3 0.3

102 2009 The Little Green Data Book

India

Population (millions) **1,125** Land area (1,000 sq. km) **2,973** GDP (\$ billions) **1,176.9**

	Country data	South Asia group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	950	880	1,905
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	29 2.5	29 2.7	42 2.9
Population growth (average annual %, 1990–2007)	1.7	1.8	1.3
Agriculture			
Agricultural land (% of land area)	61	55	47
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	402 106	417 107	532 116
Population density, rural (people/sq. km of arable land)	489	617	511
Forests and biodiversity			
Forest area (% of land area)	22.8	16.8	
Deforestation (average annual %, 1990–2005)	-0.4	-0.1	
Nationally protected area (% of land area) Animal species, total known	5.1 1.602	5.6	11.0
Animal species, total known Animal species, threatened	413		
Higher plant species, total known	18,664		
Higher plant species, threatened	246		
GEF benefits index for biodiversity (0-100, median is 1.5)	39.9		
Energy	4.7	4.8	3.9
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	4.7 510	4.6 468	
Energy from biomass products and waste (% of total)	28.3	30.4	
Electric power consumption per capita (kWh)	503	453	1,269
Electricity generated using fossil fuel (% of total)	80.9	78.3	79.0
Electricity generated by hydropower (% of total)	15.3	17.4	16.3
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.6	0.5	0.8
CO ₂ emissions per capita (metric tons)	1.3	1.1	2.8
CO ₂ emissions growth (%, 1990–2005)	106.3	106.7	93.5
Particulate matter (urban-popweighted avg., μg/cu. m)	65	78	
Transport sector fuel consumption per capita (liters)	33	33	99
Water and sanitation Internal freshwater resources per capita (cu. m)	1,121	1,196	4,117
Freshwater withdrawal	1,121	1,130	4,111
Total (% of internal resources)	51.2	51.7	8.7
Agriculture (% of total freshwater withdrawal)	86	89	80
Access to improved water source (% of total population)	89	87	88
Rural (% of rural population)	86	84	82
Urban (% of urban population) Access to improved sanitation (% of total population)	96 28	94 33	96 55
Rural (% of rural population)	18	23	43
Urban (% of urban population)	52	57	71
Environment and health			
Acute resp. infection prevalence (% of children under five)	19.0		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	19.2 72	78	50
National accounting aggregates			
Gross savings (% of GNI)	38.8	36.2	41.7
Consumption of fixed capital (% of GNI)	9.6	9.5	10.7
Education expenditure (% of GNI)	3.2	3.0	2.6
Energy depletion (% of GNI) Mineral depletion (% of GNI)	2.7 0.7	2.7 0.6	6.6 1.2
Net forest depletion (% of GNI)	0.7	0.6	0.2
CO ₂ damage (% of GNI)	1.1	1.0	
Particulate emission damage (% of GNI)	0.7	0.8	
Adjusted net savings (% of GNI)	26.4	23.9	23.5

Indonesia

Population (millions) 226 Land area (1,000 sq. km) 1,812 GDP (\$ billions) 432.8 Lower East Asia middle-Country & Pacific income data group group GNI per capita, World Bank Atlas method (\$) 1.650 2.182 1.905 Urban population (% of total) 50 43 42 Urban population growth (average annual %, 1990-2007) 4.3 3.5 2.9 Population growth (average annual %, 1990-2007) 1.4 1.3 1.1 Agriculture Agricultural land (% of land area) 26 47 51 Agricultural productivity (value added per worker, 2000 \$) 596 458 532 Food production index (1999-2001 = 100) 123 120 116 498 547 511 Population density, rural (people/sq. km of arable land) Forests and biodiversity 48.8 28.4 25.0 Forest area (% of land area) Deforestation (average annual %, 1990-2005) -0.11.8 0.1 Nationally protected area (% of land area) 11.2 14.0 11.0 2.271 Animal species, total known Animal species, threatened 701 29.375 Higher plant species, total known Higher plant species, threatened 386 GEF benefits index for biodiversity (0-100, median is 1.5) 81.0 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 4.2 3.4 3.9 Energy use per capita (kg oil equivalent) 803 1,258 1,019 Energy from biomass products and waste (% of total) 29.2 14.7 15.2 Electric power consumption per capita (kWh) 530 1,669 1,269 Electricity generated using fossil fuel (% of total) 87.8 82.0 79.0 16.3 Electricity generated by hydropower (% of total) 7.2 15.0 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.6 0.9 0.8 CO₂ emissions per capita (metric tons) 3.6 2.8 1.9 CO_2 emissions growth (%, 1990–2005) 181.0 123.4 93 5 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 83 69 67 Transport sector fuel consumption per capita (liters) 106 99 118 Water and sanitation 4,948 4,117 Internal freshwater resources per capita (cu. m) 12,578 Freshwater withdrawal Total (% of internal resources) 29 10.2 87 Agriculture (% of total freshwater withdrawal) 74 80 91 20 87 88 Access to improved water source (% of total population) Rural (% of rural population) 71 81 82 Urban (% of urban population) 89 96 96 Access to improved sanitation (% of total population) 52 66 55 Rural (% of rural population) 37 59 43 Urban (% of urban population) 67 75 71 **Environment and health** Acute resp. infection prevalence (% of children under five) 8.0 Diarrhea prevalence (% of children under five) 10.4 Under-five mortality rate (per 1,000 live births) 31 27 50 National accounting aggregates Gross savings (% of GNI) 27.2 48.0 41.7 Consumption of fixed capital (% of GNI) 10.7 10.7 10.8 Education expenditure (% of GNI) 2.1 2.6 1.1 Energy depletion (% of GNI) 6.9 4.9 6.6 Mineral depletion (% of GNI) 2.0 1.3 1.2 Net forest depletion (% of GNI) 0.0 0.0 0.2 8.0 1.2 CO₂ damage (% of GNI) 1.3 Particulate emission damage (% of GNI) 1.1 1.3 1.1

104 2009 The Little Green Data Book

Adjusted net savings (% of GNI)

6.7

30.6

23.5

Iran, Islamic Rep.

Population (millions) 71 Land area (1,000 sq. km) 1,629 GDP (\$ billions) 286.1

	Country data	Middle East & N. Africa group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	3,540	2,820	
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	68 2.7	57 2.6	42 2.9
Population growth (average annual %, 1990–2007)	1.6	2.0	1.3
Agriculture			
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	29 2,687	22 2,313	47 532
Food production index (1999–2001 = 100)	115	116	116
Population density, rural (people/sq. km of arable land)	138	665	511
Forests and biodiversity		0.4	05.0
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	6.8 0.0	2.4 -0.4	25.0 0.1
Nationally protected area (% of land area)	6.4	3.6	
Animal species, total known	656		
Animal species, threatened	89		
Higher plant species, total known	8,000		
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	1 7.3		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	4.0	5.0	3.9
Energy use per capita (kg oil equivalent)	2,438	1,254	,
Energy from biomass products and waste (% of total)	0.5	1.2	15.2
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	2,290 90.9	1,418 91.1	
Electricity generated using lossifider (% of total)	90.9	7.4	16.3
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.7	0.6	
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	6.5 106.9	3.7 96.8	2.8 93.5
Particulate matter (urban-popweighted avg., µg/cu. m)	51	72	67
Transport sector fuel consumption per capita (liters)	569	277	99
Water and sanitation	4 000	700	4.447
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	1,809	728	4,117
Total (% of internal resources)	72.6	122.3	8.7
Agriculture (% of total freshwater withdrawal)	92	86	80
Access to improved water source (% of total population)		89	88
Rural (% of rural population)		81	82
Urban (% of urban population)	99	95	96
Access to improved sanitation (% of total population) Rural (% of rural population)		77 62	55 43
Urban (% of urban population)		88	71
Environment and health			
Acute resp. infection prevalence (% of children under five)	24.0		
Diarrhea prevalence (% of children under five)	11.3	20	
Under-five mortality rate (per 1,000 live births)	33	38	50
National accounting aggregates Gross savings (% of GNI)	43.4	33.3	41.7
Consumption of fixed capital (% of GNI)	11.6	11.3	10.7
Education expenditure (% of GNI)	4.9		2.6
Energy depletion (% of GNI)	26.8		6.6
Mineral depletion (% of GNI)	0.6	0.4	1.2
Not forcet depletion (0) of CNII)	0.0	0.0	0.2
Net forest depletion (% of GNI)		1 0	1 2
Net forest depletion (% of GNI) CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	1.3	1.0 0.6	

Iraq

Population (millions) Land area (1,000 sq. km)	437 GD	P (\$ billions	12.6
	Country data	Middle East & N. Africa group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)		2,820	1,905
Urban population (% of total)		57	42
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	() 	2.6 2.0	2.9 1.3
Agriculture			
Agricultural land (% of land area)	23	22	47
Agricultural productivity (value added per worker, 2000 \$		2,313	532
Food production index (1999-2001 = 100) Population density, rural (people/sq. km of arable land)	123	116 665	116 513
Forests and biodiversity			
Forest area (% of land area)	1.9	2.4	25.0
Deforestation (average annual %, 1990-2005)	-0.1	-0.4	0.1
Nationally protected area (% of land area)	498	3.6	11.0
Animal species, total known Animal species, threatened	498 55		
Higher plant species, total known			
Higher plant species, threatened	0		
GEF benefits index for biodiversity (0–100, median is 1.5	1.6		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalen	+\	5.0	3.9
Energy use per capita (kg oil equivalent)	t)	1,254	1,01
Energy from biomass products and waste (% of total)	0.1	1.2	15.:
Electric power consumption per capita (kWh)	1,091	1,418	
Electricity generated using fossil fuel (% of total)	98.5	91.1	79.
Electricity generated by hydropower (% of total)	1.5	7.4	16.3
Emissions and pollution		0.0	0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	3.0	0.6 3.7	0. 2.
CO ₂ emissions growth (%, 1990–2005)	74.2	96.8	93.
Particulate matter (urban-popweighted avg., µg/cu. m)		72	6
Transport sector fuel consumption per capita (liters)	405	277	99
Water and sanitation		700	4.44
Internal freshwater resources per capita (cu. m) Freshwater withdrawal		728	4,11
Total (% of internal resources)	187.5	122.3	8.
Agriculture (% of total freshwater withdrawal)		86	8
Access to improved water source (% of total population)		89	8
Rural (% of rural population) Urban (% of urban population)		81 95	8: 9:
Access to improved sanitation (% of total population)		77	5
Rural (% of rural population)		62	4:
Urban (% of urban population)		88	7
Environment and health			
Acute resp. infection prevalence (% of children under five	,		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)		38	50
		33.3	41.
National accounting aggregates Gross savings (% of GNI)		11 2	10.
National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI)		11.3	
National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)		4.7	
National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI)		4.7 21.3	6.
National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)		4.7 21.3 0.4	6. 1.:
National accounting aggregates		4.7 21.3	2.0 6.0 1.2 0.2
National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)		4.7 21.3 0.4 0.0	6. 1.: 0.: 1.:

106 2009 The Little Green Data Book

Ireland

Population (millions) **4.4** Land area (1,000 sq. km) **68.9** GDP (\$ billions) **259.0**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	47,610	37,572
Urban population (% of total)	61	78
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	1.7 1.3	1.0 0.7
Agriculture		
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	61 14,641	38 27,680
Food production index (1999–2001 = 100)	98	102
Population density, rural (people/sq. km of arable land)	135	323
Forests and biodiversity	0.7	28.8
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	9.7 -2.8	-0.1
Nationally protected area (% of land area)	1.1	11.8
Animal species, total known	471	
Animal species, threatened	25	
Higher plant species, total known Higher plant species, threatened	950 1	
GEF benefits index for biodiversity (0–100, median is 1.5)	0.6	
Energy	10.0	-
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	10.9 3,628	6.3 5,416
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	1.4	3,410
Electric power consumption per capita (kWh)	6,488	9,675
Electricity generated using fossil fuel (% of total)	83.3	62.0
Electricity generated by hydropower (% of total)	2.6	11.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per capita (metric tons)	10.2	12.6
CO ₂ emissions growth (%, 1990–2005)	38.3	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	16 1,194	26 1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	11,223	9,313
Freshwater withdrawal	0.0	40.4
Total (% of internal resources) Agriculture (% of total freshwater withdrawal)	2.3 0	10.4 43
Access to improved water source (% of total population)		100
Rural (% of rural population)		98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population) Rural (% of rural population)		100 99
Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	4	7
National accounting aggregates		
Gross savings (% of GNI)	25.6	20.6
Consumption of fixed capital (% of GNI)	18.1 5.1	14.5 4.6
Education expenditure (% of GNI) Energy depletion (% of GNI)	0.0	4.6 1.5
Mineral depletion (% of GNI)	0.2	0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI)	0.2	0.3
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)	0.0 12.3	0.3 8.5
nujustau liet saviligs (// Ui GiVI)	12.3	6.5

Isle of Man

Population (thousands) 77 Land area (sq. km)

High-Country income data group GNI per capita, World Bank Atlas method (\$) 45.810 37.572 Urban population (% of total) 51 78 0.9 Urban population growth (average annual %, 1990-2007) 1.0 Population growth (average annual %, 1990-2007) 1.0 0.7 Agriculture Agricultural land (% of land area) 46 38 Agricultural productivity (value added per worker, 2000 \$) 27,680 .. Food production index (1999-2001 = 100) 102 Population density, rural (people/sq. km of arable land) 495 323 Forests and biodiversity Forest area (% of land area) 6.1 28.8 Deforestation (average annual %, 1990-2005) 0.0 -0.1Nationally protected area (% of land area) 11.8 Animal species, total known Animal species, threatened 3 Higher plant species, total known 0 Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) 0.0 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 6.3 Energy use per capita (kg oil equivalent) 5,416 Energy from biomass products and waste (% of total) 3.4 Electric power consumption per capita (kWh) 9,675 Electricity generated using fossil fuel (% of total) 62.0 Electricity generated by hydropower (% of total) 11.4 6

570 GDP (\$ billions)

3.4

Emissions and pollution	
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	 0.4
CO ₂ emissions per capita (metric tons)	 12.6
CO ₂ emissions growth (%, 1990–2005)	 19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	 26
Transport sector fuel consumption per capita (liters)	 1,159
Water and sanitation	
Internal freshwater resources per capita (cu. m)	 9,313
Freshwater withdrawal	
Total (% of internal resources)	 10.4
Agriculture (% of total freshwater withdrawal)	 43
Access to improved water source (% of total population)	 100
Rural (% of rural population)	 98
Urban (% of urban population)	 100
Access to improved sanitation (% of total population)	 100
Rural (% of rural population)	 99
Urban (% of urban population)	 100

Under-five mortality rate (per 1,000 live births)	 7
National accounting aggregates	
Gross savings (% of GNI)	 20.6
Consumption of fixed capital (% of GNI)	 14.5
Education expenditure (% of GNI)	 4.6
Energy depletion (% of GNI)	 1.5
Mineral depletion (% of GNI)	 0.2
Net forest depletion (% of GNI)	 0.0
CO ₂ damage (% of GNI)	 0.3

 $\begin{array}{cccc} \text{Net forest depletion (\% of GNI)} & ... & 0.0 \\ \text{CO}_2 \, \text{damage (\% of GNI)} & ... & 0.3 \\ \text{Particulate emission damage (\% of GNI)} & ... & 0.3 \\ \text{Adjusted net savings (\% of GNI)} & ... & 8.5 \\ \end{array}$

2009 The Little Green Data Book

Greeno 9 0427.indd 108 4/28/09 11:11:39 AM

Environment and health

Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)

Israel

Population (millions) 7.2 Land area (1,000 sq. km) 21.6 GDP (\$ billions) 164.0

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	22,170	37,572
Urban population (% of total)	92	78
Urban population growth (average annual %, 1990–2007)	2.6	1.0
Population growth (average annual %, 1990-2007)	2.5	0.7
Agriculture Agricultural land (% of land area)	24	38
Agricultural productivity (value added per worker, 2000 \$)	24	27,680
Food production index (1999–2001 = 100)	118	102
Population density, rural (people/sq. km of arable land)	184	323
Forests and biodiversity		
Forest area (% of land area)	7.9	28.8
Deforestation (average annual %, 1990–2005)	-0.7	-0.1
Nationally protected area (% of land area)	15.6	11.8
Animal species, total known	649	
Animal species, threatened	127	
Higher plant species, total known	2,317	
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	0 0.8	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	7.9	6.3
Energy use per capita (kg oil equivalent)	3,017	5,416
Energy from biomass products and waste (% of total)	0.0	3.4
Electric power consumption per capita (kWh)	6,889	9,675
Electricity generated using fossil fuel (% of total)	99.9	62.0
Electricity generated by hydropower (% of total)	0.1	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.4	0.4
CO ₂ emissions per capita (metric tons)	9.2	12.6
CO ₂ emissions growth (%, 1990–2005)	92.0	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	31 543	26 1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	104	9,313
Freshwater withdrawal	101	0,010
Total (% of internal resources)	260.5	10.4
Agriculture (% of total freshwater withdrawal)	58	43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)	100	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)		100
Rural (% of rural population)		99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)	=	_
Under-five mortality rate (per 1,000 live births)	5	7
National accounting aggregates		20.0
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	13.9	20.6 14.5
Education expenditure (% of GNI)	6.0	14.5 4.6
Energy depletion (% of GNI)	0.0	1.5
Mineral depletion (% of GNI)	0.2	0.2
Net forest depletion (% of GNI)	0.0	0.2
CO ₂ damage (% of GNI)	0.4	0.0
Particulate emission damage (% of GNI)	0.4	0.3
Adjusted net savings (% of GNI)	0.4	8.5
Augustes not outlings (70 of Gitt)		0.0

Italy

Population (millions) **59** Land area (1,000 sq. km) **294** GDP (\$ billions) **2,101.6**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	33,490	37,572
Urban population (% of total)	68	78
Urban population growth (average annual %, 1990–2007)	0.4 0.3	1.0 0.7
Population growth (average annual %, 1990–2007)	0.3	0.7
Agriculture Agricultural land (% of land area)	50	38
Agricultural productivity (value added per worker, 2000 \$)	25,416	27,680
Food production index (1999-2001 = 100)	98	102
Population density, rural (people/sq. km of arable land)	245	323
Forests and biodiversity	22.0	28.8
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	33.9 -1.2	28.8 -0.1
Nationally protected area (% of land area)	6.6	11.8
Animal species, total known	610	11.0
Animal species, total known Animal species, threatened	119	
Higher plant species, total known	5,599	
Higher plant species, threatened	19	
GEF benefits index for biodiversity (0-100, median is 1.5)	3.8	
Energy	0.4	
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	9.1	6.3
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	3,125 2.6	5,416 3.4
Electric power consumption per capita (kWh)	5,755	9,675
Electricity generated using fossil fuel (% of total)	82.7	62.0
Electricity generated by hydropower (% of total)	12.0	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per capita (metric tons)	7.7	12.6
CO ₂ emissions growth (%, 1990–2005)	14.2	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	27 732	26 1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	3,074	9,313
Freshwater withdrawal		
Total (% of internal resources)	24.3	10.4
Agriculture (% of total freshwater withdrawal)	45	43
Access to improved water source (% of total population)		100
Rural (% of rural population)	100	98
Urban (% of urban population) Access to improved sanitation (% of total population)	100	100 100
Rural (% of rural population)		99
Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	4	7
National accounting aggregates	10.0	20.0
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	19.8 14.6	20.6 14.5
Education expenditure (% of GNI)	4.2	14.5 4.6
Energy depletion (% of GNI)	0.2	1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI)	0.2	0.3
	0.2	0.3
Particulate emission damage (% of GNI)	0.2	0.5

110

2009 The Little Green Data Book

Jamaica

Population (millions) 2.7 Land area (1,000 sq. km) 10.8 GDP (\$ billions) Latin Upper America & middle-Country Caribbean income data group group GNI per capita, World Bank Atlas method (\$) 3.330 5.801 7,107 Urban population (% of total) 53 78 75 Urban population growth (average annual %, 1990-2007) 1.1 2.1 1.4 Population growth (average annual %, 1990-2007) 0.7 1.5 0.9 Agriculture 47 Agricultural land (% of land area) 36 31 1,759 Agricultural productivity (value added per worker, 2000 \$) 3,158 2,947 Food production index (1999-2001 = 100) 99 117 113 720 232 110 Population density, rural (people/sq. km of arable land) Forests and biodiversity 31.3 45.4 39.3 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.5 0.2 0.1 Nationally protected area (% of land area) 15.0 16.7 10.3 333 Animal species, total known Animal species, threatened 71 3.308 Higher plant species, total known Higher plant species, threatened 209 GEF benefits index for biodiversity (0-100, median is 1.5) GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 4.8 3.6 7.3 Energy use per capita (kg oil equivalent) 1,724 1,240 2,300 15.9 Energy from biomass products and waste (% of total) 10.5 7.0 Electric power consumption per capita (kWh) 2,453 1,808 3,242 Electricity generated using fossil fuel (% of total) 96.4 37.0 62.8 2.2 Electricity generated by hydropower (% of total) 57.3 27.6 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.6 0.3 0.5 CO₂ emissions per capita (metric tons) 2.5 5.5 3.8 CO_2 emissions growth (%, 1990–2005) 27.6 33.4 -8.3 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 43 35 30 Transport sector fuel consumption per capita (liters) 392 295 332 Water and sanitation 23,965 16,993 Internal freshwater resources per capita (cu. m) 3,514 Freshwater withdrawal Total (% of internal resources) 44 20 138 Agriculture (% of total freshwater withdrawal) 49 71 57 93 95 Access to improved water source (% of total population) 91 Rural (% of rural population) 88 73 83 Urban (% of urban population) 97 97 98 Access to improved sanitation (% of total population) 83 78 83 Rural (% of rural population) 84 51 64 Urban (% of urban population) 82 86 89 **Environment and health** Acute resp. infection prevalence (% of children under five) 3.0 Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 31 26 24 National accounting aggregates Gross savings (% of GNI) 22.9 23.2 Consumption of fixed capital (% of GNI) 13.2 12.6 12.8 Education expenditure (% of GNI) 5.4 4.5 4.4 Energy depletion (% of GNI) 0.0 5.4 7.6 Mineral depletion (% of GNI) 1.9 1.9 1.3 Net forest depletion (% of GNI) 0.0 0.0 0.0 0.6 CO₂ damage (% of GNI) 0.7 0.3 Particulate emission damage (% of GNI) 0.3 0.4 0.4 6.7 4.9 Adjusted net savings (% of GNI)

Japan

Population (millions) **128** Land area (1,000 sq. km) **365** GDP (\$ billions) **4,384.3**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	37,790	37,572
Urban population (% of total)	66	78
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	0.5 0.2	1.0 0.7
Agriculture	0.2	0.1
Agricultural land (% of land area)	13	38
Agricultural productivity (value added per worker, 2000 \$)	37,842	27,680
Food production index (1999–2001 = 100)	97	102
Population density, rural (people/sq. km of arable land)	996	323
Forests and biodiversity Forest area (% of land area)	68.2	28.8
Deforestation (average annual %, 1990–2005)	0.0	-0.1
Nationally protected area (% of land area)	9.5	11.8
Animal species, total known	763	11.0
Animal species, threatened	297	
Higher plant species, total known	5,565	
Higher plant species, threatened	12	
GEF benefits index for biodiversity (0–100, median is 1.5)	36.0	
Energy	7.5	6.0
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	7.5 4,129	6.3 5,416
Energy from biomass products and waste (% of total)	1.3	3.4
Electric power consumption per capita (kWh)	8,220	9,675
Electricity generated using fossil fuel (% of total)	59.2	62.0
Electricity generated by hydropower (% of total)	7.9	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per capita (metric tons)	9.6	12.6
CO ₂ emissions growth (%, 1990–2005)	13.8	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	30 658	26 1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	3,365	9,313
Freshwater withdrawal		
Total (% of internal resources)	20.6	10.4
Agriculture (% of total freshwater withdrawal)	62	43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)	100	98
Urban (% of urban population)	100 100	100 100
Access to improved sanitation (% of total population) Rural (% of rural population)	100	99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	4	7
National accounting aggregates		
Gross savings (% of GNI)	31.0	20.6
Consumption of fixed capital (% of GNI)	14.0	14.5
	3.2	4.6
Education expenditure (% of GNI)		4 5
Education expenditure (% of GNI) Energy depletion (% of GNI)	0.0	
Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	0.0 0.0	1.5 0.2 0.0
Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.0 0.0 0.0	0.2 0.0
Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	0.0 0.0	0.2

112 2009 The Little Green Data Book

Jordan

Population (millions) 5.7 Land area (1,000 sq. km)	88.2 GD	P (\$ billions	15.8
	Country data	Middle East & N. Africa group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	2,840	2,820	
Urban population (% of total)	78 4.0	57 2.6	42
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	3.5	2.0	
Agriculture			
Agricultural land (% of land area)	11	22	
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	1,392 115	2,313 116	
Population density, rural (people/sq. km of arable land)	638	665	
Forests and biodiversity			
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	0.9 0.0	2.4 -0.4	
Nationally protected area (% of land area)	10.6	3.6	
Animal species, total known	490		
Animal species, threatened	89		
Higher plant species, total known Higher plant species, threatened	2,100 0		
GEF benefits index for biodiversity (0–100, median is 1.5)	0.4		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	3.5	5.0	
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	1,294 0.0	1,254 1.2	
Electric power consumption per capita (kWh)	1,904	1,418	
Electricity generated using fossil fuel (% of total)	99.5	91.1	
Electricity generated by hydropower (% of total)	0.4	7.4	16.3
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.9	0.6	0.8
CO ₂ emissions per capita (metric tons)	3.8	3.7	
CO ₂ emissions growth (%, 1990–2005)	101.4	96.8	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	45 323	72 277	67 99
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	119	728	4,117
Total (% of internal resources)	138.0	122.3	8.7
Agriculture (% of total freshwater withdrawal)	65	86	
Access to improved water source (% of total population)	98	89	
Rural (% of rural population) Urban (% of urban population)	91 99	81 95	82 96
Access to improved sanitation (% of total population)	85	77	
Rural (% of rural population)	71	62	
Urban (% of urban population)	88	88	71
Environment and health Acute resp. infection prevalence (% of children under five)	6.0		
Diarrhea prevalence (% of children under five)	18.0		
Under-five mortality rate (per 1,000 live births)	24	38	50
National accounting aggregates	0.0	22.2	A1 7
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	8.2 10.4	33.3 11.3	
Education expenditure (% of GNI)	5.6		
Energy depletion (% of GNI)	0.3	21.3	
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.5		
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0 0.9	0.0 1.0	
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)	0.6 1.1	0.6 3.4	

Kazakhstan

Population (millions) 15 Land area (1,000 sq. km)	2,700 GD	P (\$ billions	104.9
	Country data	Europe & Central Asia group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)	5,020	6,052	7,107
Urban population (% of total)	58 -0.2	64 0.2	75 1.4
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	-0.2	0.2	0.9
Agriculture			
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	77 1,652	28 2,228	31 2,947
Food production index (1999-2001 = 100)	116	110	113
Population density, rural (people/sq. km of arable land)	29	129	110
Forests and biodiversity	1.0	20.2	20.0
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	1.2 0.2	38.3 0.0	39.3 0.2
Nationally protected area (% of land area)	2.9	6.1	10.3
Animal species, total known	642		
Animal species, threatened	57 6,000		
Higher plant species, total known Higher plant species, threatened	16		
GEF benefits index for biodiversity (0-100, median is 1.5)	5.1		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	2.4 4,012	3.5 2,930	4.8 2,300
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	0.1	2,930	7.0
Electric power consumption per capita (kWh)	4,293	3,835	3,242
Electricity generated using fossil fuel (% of total)	89.2 10.8	67.7 17.4	62.8 27.6
Electricity generated by hydropower (% of total)	10.6	17.4	21.0
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	1.4	0.7	0.5
CO ₂ emissions per capita (metric tons)	11.9	7.0	5.5
CO ₂ emissions growth (%, 1990–2005)	-37.2	-29.3	-8.3
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	19 252	27 255	30 332
Water and sanitation			
Internal freshwater resources per capita (cu. m)	4,871	11,806	16,993
Freshwater withdrawal Total (% of internal resources)	46.4	7.2	13.8
Agriculture (% of total freshwater withdrawal)	82	60	57
Access to improved water source (% of total population)	96		95
Rural (% of rural population) Urban (% of urban population)	91 99	88 99	83 98
Access to improved sanitation (% of total population)	97	89	83
Rural (% of rural population)	98		64
Urban (% of urban population)	97	94	89
Environment and health Acute resp. infection prevalence (% of children under five)	3.0		
Diarrhea prevalence (% of children under five)	13.4		
Under-five mortality rate (per 1,000 live births)	32	23	24
National accounting aggregates			
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	32.5 13.8	24.0 12.8	23.2 12.8
Education expenditure (% of GNI)	4.4		12.8 4.4
Energy depletion (% of GNI)	28.3	9.8	7.6
Mineral depletion (% of GNI)	2.4		1.3
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0 2.0	0.0 1.0	0.0
Particulate emission damage (% of GNI)	0.3	0.5	0.4
Adjusted net savings (% of GNI)	-9.9	3.2	4.9

114

2009 The Little Green Data Book

Kenya

Population (millions) 38 Land area (1,000 sq. km)	569 GD	569 GDP (\$ billions)		
	Country data	Sub- Saharan Africa group	Low- income group	
GNI per capita, World Bank Atlas method (\$)	640	951	574	
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	21 3.7	36 4.0	32 3.7	
Population growth (average annual %, 1990-2007)	2.8	2.6	2.4	
Agriculture				
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	47 344	44 287	39 330	
Food production index (1999-2001 = 100)	106	109	112	
Population density, rural (people/sq. km of arable land)	536	351	603	
Forests and biodiversity	0.0	00.5	04.7	
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	6.2 0.3	26.5 0.6	24.7 0.7	
Nationally protected area (% of land area)	12.1	11.3	10.8	
Animal species, total known	1,510			
Animal species, threatened	208			
Higher plant species, total known Higher plant species, threatened	6,506 103			
GEF benefits index for biodiversity (0–100, median is 1.5)	8.8			
Energy				
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	2.8	3.0	3.2	
Energy use per capita (kg oil equivalent)	491 73.6	670 56.3	478 53.8	
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)	145	531	309	
Electricity generated using fossil fuel (% of total)	30.5	65.6	48.4	
Electricity generated by hydropower (% of total)	50.6	18.0	38.8	
Emissions and pollution	0.0	0.5	0.4	
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.2 0.3	0.5 0.8	0.4 0.6	
CO ₂ emissions growth (%, 1990–2005)	90.5	40.1	39.3	
Particulate matter (urban-popweighted avg., µg/cu. m)	36	53	69	
Transport sector fuel consumption per capita (liters)	34	64	41	
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	552	4,824	4,619	
Total (% of internal resources)	13.2	3.2	9.4	
Agriculture (% of total freshwater withdrawal)	79	87	90	
Access to improved water source (% of total population) Rural (% of rural population)	57 49	58 46	68 60	
Urban (% of urban population)	85	81	84	
Access to improved sanitation (% of total population)	42	31	39	
Rural (% of rural population) Urban (% of urban population)	48 19	24 42	33 54	
	19	42		
Environment and health Acute resp. infection prevalence (% of children under five)	18.0			
Diarrhea prevalence (% of children under five)	17.1			
Under-five mortality rate (per 1,000 live births)	121	146	126	
National accounting aggregates Gross savings (% of GNI)	17.1	17.4	25.4	
Consumption of fixed capital (% of GNI)	8.8	11.1	9.3	
Education expenditure (% of GNI)	6.6	3.6	2.6	
Energy depletion (% of GNI)	0.0	11.7	9.8	
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.1 1.2	1.5 0.5	0.9 0.8	
CO ₂ damage (% of GNI)	0.3	0.5	0.8	
Particulate emission damage (% of GNI)	0.1	0.4	0.7	
Adjusted net savings (% of GNI)	13.1	-5.0	5.8	

Kiribati

Population (thousands) 95 Land area (sq. km)	810 GD	810 GDP (\$ millions)		
	Country data	East Asia & Pacific group	Lower middle- income group	
GNI per capita, World Bank Atlas method (\$)	1,120		1,905	
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	44 3.0			
Population growth (average annual %, 1990-2007)	1.6		1.3	
Agriculture				
Agricultural land (% of land area)	46		47	
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	8	458 120		
Population density, rural (people/sq. km of arable land)	2,594	547	51:	
Forests and biodiversity				
Forest area (% of land area)	2.7	28.4		
Deforestation (average annual %, 1990–2005)	0.0		0.	
Nationally protected area (% of land area) Animal species, total known	 51	14.0	11.	
Animal species, total known Animal species, threatened	87			
Higher plant species, total known	60			
Higher plant species, threatened				
GEF benefits index for biodiversity (0–100, median is 1.5)	1.1			
Energy		3.4	3.	
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)		1,258		
Energy from biomass products and waste (% of total)		14.7	15.	
Electric power consumption per capita (kWh)		1,669		
Electricity generated using fossil fuel (% of total)		82.0		
Electricity generated by hydropower (% of total)		15.0	16.	
Emissions and pollution	0.2	0.0	0	
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.2	0.9 3.6		
CO ₂ emissions growth (%, 1990–2005)	16.7	123.4	93.	
Particulate matter (urban-popweighted avg., µg/cu. m)		69		
Transport sector fuel consumption per capita (liters)		106	9	
Water and sanitation Internal freshwater resources per capita (cu. m)		4,948	4,11	
Freshwater withdrawal		7,540	7,11	
Total (% of internal resources)		10.2	8.	
Agriculture (% of total freshwater withdrawal)		74		
Access to improved water source (% of total population) Rural (% of rural population)	65 53	87 81	8	
Urban (% of urban population)	77	96		
Access to improved sanitation (% of total population)	33	66		
Rural (% of rural population)	20			
Urban (% of urban population)	46	75	7	
Environment and health Acute resp. infection prevalence (% of children under five)				
Diarrhea prevalence (% of children under five)				
Under-five mortality rate (per 1,000 live births)	63	27	5	
National accounting aggregates		40.0	4.0	
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	5.8	48.0 10.7		
Education expenditure (% of GNI)	3.6	2.1	2.	
Energy depletion (% of GNI)	0.0			
Mineral depletion (% of GNI)	0.0			
Net forest depletion (% of GNI)		0.0		
	0.2	1.3	1.	
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)		1.3		

116 2009 The Little Green Data Book

Korea, Dem. Rep.

Population (millions) 24 Land area (1,000 sq. km) 120 GDP (\$ billions)

	Country data	East Asia & Pacific group	Low- income group
GNI per capita, World Bank Atlas method (\$)	 62	2,182 43	574 32
Urban population (% of total) Urban population growth (average annual %, 1990-2007)	1.4		3.7
Population growth (average annual %, 1990–2007)	1.0	1.1	2.4
Agriculture	0.5		20
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	25	51 458	39 330
Food production index (1999–2001 = 100)	113		112
Population density, rural (people/sq. km of arable land)	324	547	603
Forests and biodiversity	F4 4	00.4	04.7
Forest area (% of land area) Deforestation (average annual %, 1990-2005)	51.4 1.9		24.7 0.7
Nationally protected area (% of land area)	2.6		
Animal species, total known	474		
Animal species, threatened	40		
Higher plant species, total known Higher plant species, threatened	2,898 3		
GEF benefits index for biodiversity (0–100, median is 1.5)	0.7		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.4	
Energy use per capita (kg oil equivalent)	913	,	478
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)	4.8 797		53.8 309
Electricity generated using fossil fuel (% of total)	43.8	,	48.4
Electricity generated by hydropower (% of total)	56.2		
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	3.5	0.9 3.6	0.4 0.6
CO ₂ emissions growth (%, 1990–2005)	-66.2	123.4	39.3
Particulate matter (urban-popweighted avg., µg/cu. m)	68	69	69
Transport sector fuel consumption per capita (liters)	16	106	41
Water and sanitation	2,817	4,948	4,619
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	2,011	4,940	4,019
Total (% of internal resources)	13.5	10.2	9.4
Agriculture (% of total freshwater withdrawal)	55		90
Access to improved water source (% of total population)	100 100		68 60
Rural (% of rural population) Urban (% of urban population)	100		84
Access to improved sanitation (% of total population)		66	39
Rural (% of rural population)		59	33
Urban (% of urban population)		75	54
Environment and health	12.0		
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	12.0		
Under-five mortality rate (per 1,000 live births)	55	27	126
National accounting aggregates			
Gross savings (% of GNI)		48.0	25.4
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)		10.7 2.1	9.3 2.6
Energy depletion (% of GNI)		4.9	2.6 9.8
Mineral depletion (% of GNI)		1.3	0.9
Net forest depletion (% of GNI)		0.0	0.8
CO ₂ damage (% of GNI)		1.3	0.7
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)		1.3 30.6	0.7 5.8
najastoa liet saviligs (/// OI WIVI)		30.0	5.0

Korea, Rep.

Population (millions) 48 Land area (1,000 sq. km) 99 GDP (\$ billions) 969.8

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	19,730	37,572
Urban population (% of total)	81	78
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	1.3 0.7	1.0 0.7
Agriculture		
Agricultural land (% of land area)	19	38
Agricultural productivity (value added per worker, 2000 \$)		27,680
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	98 569	102 323
Forests and biodiversity		
Forest area (% of land area)	63.5	28.8
Deforestation (average annual %, 1990-2005)	0.1	-0.1
Nationally protected area (% of land area)	3.5	11.8
Animal species, total known	512	
Animal species, threatened Higher plant species, total known	58 2,898	
Higher plant species, total known Higher plant species, threatened	2,898	
GEF benefits index for biodiversity (0–100, median is 1.5)	1.7	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	5.0	6.3
Energy use per capita (kg oil equivalent)	4,483	5,416
Energy from biomass products and waste (% of total)	1.1	3.4
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	8,063 61.7	9,675 62.0
Electricity generated using lossifider (% of total)	0.9	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.4	0.4
CO ₂ emissions per capita (metric tons)	9.4	12.6
CO ₂ emissions growth (%, 1990–2005)	87.2	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	35 534	26 1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	1,338	9,313
Freshwater withdrawal		
Total (% of internal resources)	28.7	10.4
Agriculture (% of total freshwater withdrawal)	48	43
Access to improved water source (% of total population)	••	100 98
Rural (% of rural population) Urban (% of urban population)	97	100
Access to improved sanitation (% of total population)	91	100
Rural (% of rural population)		99
Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)	2	_
Under-five mortality rate (per 1,000 live births)	5	7
National accounting aggregates	20.0	20.6
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	29.9 13.7	20.6 14.5
Education expenditure (% of GNI)	3.9	4.6
Energy depletion (% of GNI)	0.0	1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI)	0.4	0.3
CO2 dallage (// oli Givi)		
Particulate emission damage (% of GNI)	0.6	0.3

118

2009 The Little Green Data Book

Kuwait

Population (millions) 2.7 Land area (1,000 sq. km) 17.8 GDP (\$ billions) 112.1

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	38,420 98	37,572 78
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	1.3 1.3	1.0 0.7
Agriculture Agricultural land (% of land area)	9	38
Agricultural rand (% of faild alea) Agricultural productivity (value added per worker, 2000 \$)	-	27,680
Food production index (1999–2001 = 100)	117	102
Population density, rural (people/sq. km of arable land)	287	323
Forests and biodiversity Forest area (% of land area)	0.3	28.8
Deforestation (average annual %, 1990–2005)	-4.7	20.c -0.1
Nationally protected area (% of land area)	0.0	11.8
Animal species, total known	381	
Animal species, threatened	39	
Higher plant species, total known	234	
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	0.1	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)	9,729	5,416
Energy from biomass products and waste (% of total)	0.0	3.4
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	16,311 100.0	9,675 62.0
Electricity generated by hydropower (% of total)	0.0	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.8	0.4
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	36.9 115.6	12.6 19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	97	26
Transport sector fuel consumption per capita (liters)	1,358	1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	••	9,313
Freshwater withdrawal Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)	 54	43
Access to improved water source (% of total population)		100
Rural (% of rural population)		98
Urban (% of urban population)		100
Access to improved sanitation (% of total population)		100
Rural (% of rural population) Urban (% of urban population)		99 100
Environment and health		
Acute resp. infection prevalence (% of children under five)	9.9	
Diarrhea prevalence (% of children under five)	10.2	
Under-five mortality rate (per 1,000 live births)	11	7
		20.6
National accounting aggregates Gross savings (% of GNI)		20.0
Gross savings (% of GNI)	 13 3	
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	13.3 3.0	14.5
Gross savings (% of GNI)		14.5 4.6
Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	3.0 32.5 0.0	14.5 4.6 1.5 0.2
Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Education expenditure (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	3.0 32.5 0.0 0.0	14.5 4.6 1.5 0.2 0.0
Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	3.0 32.5 0.0	14.5 4.6 1.5 0.2 0.0 0.3 0.3

Kyrgyz Republic

Population (millions) 5.2 Land area (1,000 sq. km) 191.8 GDP (\$ billions) 3.7 Europe & Central Low-Country Asia income data group group GNI per capita, World Bank Atlas method (\$) 610 6.052 574 Urban population (% of total) 36 64 32 Urban population growth (average annual %, 1990-2007) 0.7 0.2 3.7 Population growth (average annual %, 1990-2007) 1.0 2.4 0.1 Agriculture Agricultural land (% of land area) 28 39 56 Agricultural productivity (value added per worker, 2000 \$) 966 2,228 330 Food production index (1999-2001 = 100) 101 112 257 129 603 Population density, rural (people/sq. km of arable land) Forests and biodiversity 4.5 38.3 24.7 Forest area (% of land area) Deforestation (average annual %, 1990-2005) -0.30.0 0.7 Nationally protected area (% of land area) 3.2 6.1 10.8 265 Animal species, total known Animal species, threatened 26 4.500 Higher plant species, total known Higher plant species, threatened 14 GEF benefits index for biodiversity (0-100, median is 1.5) 1.1 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 3.3 3.5 3.2 Energy use per capita (kg oil equivalent) 542 2,930 478 Energy from biomass products and waste (% of total) 0.1 22 53.8 Electric power consumption per capita (kWh) 2,015 3,835 309 Electricity generated using fossil fuel (% of total) 67.7 48.4 12.8 38.8 Electricity generated by hydropower (% of total) 87.2 17.4 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.6 0.7 0.4 CO₂ emissions per capita (metric tons) 7.0 0.6 1.1 39.3 CO_2 emissions growth (%, 1990–2005) -559-29.3Particulate matter (urban-pop.-weighted avg., µg/cu. m) 22 27 69 Transport sector fuel consumption per capita (liters) 255 41 52 Water and sanitation 8,873 11,806 4,619 Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) 217 72 94 Agriculture (% of total freshwater withdrawal) 90 94 60 29 95 68 Access to improved water source (% of total population) Rural (% of rural population) 88 60 83 Urban (% of urban population) 99 99 84 Access to improved sanitation (% of total population) 93 89 39 Rural (% of rural population) 93 79 33 Urban (% of urban population) 94 94 54 **Environment and health** Acute resp. infection prevalence (% of children under five) 4.0 Diarrhea prevalence (% of children under five) 17.6 Under-five mortality rate (per 1,000 live births) 38 23 126 National accounting aggregates Gross savings (% of GNI) 24.0 25.4 Consumption of fixed capital (% of GNI) 9.1 12.8 9.3 Education expenditure (% of GNI) 5.2 4.0 2.6 Energy depletion (% of GNI) 0.1 9.8 9.8 Mineral depletion (% of GNI) 0.0 0.7 0.9 Net forest depletion (% of GNI) 0.0 0.0 0.8 0.7 CO₂ damage (% of GNI) 1.2 1.0 Particulate emission damage (% of GNI) 0.2 0.5 0.7 1.2 3.2 Adjusted net savings (% of GNI) 5.8

120

2009 The Little Green Data Book

Lao PDR

Population (millions) 5.9 Land area (1,000 sq. km) 230.8 GDP (\$ billions) 4.1

	Country data	East Asia & Pacific group	Low- income group
GNI per capita, <i>World Bank Atla</i> s method (\$) Urban population (% of total)	630 30	2,182 43	574 32
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	6.0 2.1		3.7 2.4
Agriculture Agricultural land (% of land area)	8	51	39
Agricultural productivity (value added per worker, 2000 \$)	457		330
Food production index (1999-2001 = 100)	115	120	112
Population density, rural (people/sq. km of arable land)	411	547	603
Forests and biodiversity Forest area (% of land area)	69.9	28.4	24.7
Deforestation (average annual %, 1990–2005)	0.5		
Nationally protected area (% of land area)	16.3		
Animal species, total known	919		
Animal species, threatened	94		
Higher plant species, total known Higher plant species, threatened	8,286 21		
GEF benefits index for biodiversity (0–100, median is 1.5)	5.0		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.4	
Energy use per capita (kg oil equivalent)		1,258	478 53.8
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)		14.7 1,669	
Electricity generated using fossil fuel (% of total)		82.0	48.4
Electricity generated by hydropower (% of total)		15.0	38.8
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.1 0.3	0.9 3.6	
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	520.6		39.3
Particulate matter (urban-popweighted avg., µg/cu. m)	49		69
Transport sector fuel consumption per capita (liters)		106	41
Water and sanitation	00 405	4.040	4.040
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	32,495	4,948	4,619
Total (% of internal resources)	1.6	10.2	9.4
Agriculture (% of total freshwater withdrawal)	90		90
Access to improved water source (% of total population)	60 53		68 60
Rural (% of rural population) Urban (% of urban population)	53 86		84
Access to improved sanitation (% of total population)	48		39
Rural (% of rural population)	38		33
Urban (% of urban population)	87	75	54
Environment and health			
Acute resp. infection prevalence (% of children under five)	1.0 6.2		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	70	27	126
National accounting aggregates			
Gross savings (% of GNI)	23.5		25.4
Consumption of fixed capital (% of GNI)	9.3	10.7	9.3
Education expenditure (% of GNI)	1.3		2.6
Energy depletion (% of GNI) Mineral depletion (% of GNI)	0.0		9.8 0.9
Net forest depletion (% of GNI)	0.0		
CO ₂ damage (% of GNI)	0.3	1.3	0.7
Particulate emission damage (% of GNI)	1.2		0.7
Adjusted net savings (% of GNI)	14.0	30.6	5.8

Latvia

Population (millions) 2.3 Land area (1,000 sq. km)	lation (millions) 2.3 Land area (1,000 sq. km) 62.3 GDP		
	Country data	Europe & Central Asia group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)	9,920	,	
Urban population (% of total) Urban population growth (average annual %, 1990-2007)	68 -1.0		
Population growth (average annual %, 1990-2007)	-0.9		
Agriculture			
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	28 2,974		
Food production index (1999-2001 = 100)	119	,	
Population density, rural (people/sq. km of arable land)	67		
Forests and biodiversity			
Forest area (% of land area)	47.2		
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	-0.4 16.7		
Animal species, total known	393		
Animal species, threatened	21		
Higher plant species, total known Higher plant species, threatened	1,153 0		
GEF benefits index for biodiversity (0–100, median is 1.5)	0.0		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	7.3		
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	2,017 25.9		
Electric power consumption per capita (kWh)	2.876		
Electricity generated using fossil fuel (% of total)	43.0	67.7	62.8
Electricity generated by hydropower (% of total)	55.2	17.4	27.6
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.7	0.5
CO ₂ emissions per unit of dor (kg/2003111 \$)	0.2 2.8		
CO ₂ emissions growth (%, 1990–2005)	-55.6		
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	16 533		
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	7,355		
Total (% of internal resources)	1.8 13		
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	99		
Rural (% of rural population)	96		
Urban (% of urban population)	100		
Access to improved sanitation (% of total population) Rural (% of rural population)	78 71		
Urban (% of urban population)	82		
Environment and health			
Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	9	23	24
National accounting aggregates			
Gross savings (% of GNI)	15.4	24.0	23.2
Consumption of fixed capital (% of GNI)	13.9		
Education expenditure (% of GNI) Energy depletion (% of GNI)	5.6		
Mineral depletion (% of GNI)	0.0		
Net forest depletion (% of GNI)	0.6	0.0	0.0
CO ₂ damage (% of GNI)	0.3		
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)	0.0 6.2		

L22 2009 The Little Green Data Book

Lebanon

	10.2 GD	P (\$ billions	24.4
	Country data	Middle East & N. Africa group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)	5,800	2,820	7,107
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	87 2.1	57 2.6	75 1.4
Population growth (average annual %, 1990-2007)	1.9	2.0	0.9
Agriculture			
Agricultural land (% of land area)	38	22	31
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	32,025 105	2,313 116	2,947 113
Population density, rural (people/sq. km of arable land)	289	665	110
Forests and biodiversity			
Forest area (% of land area)	13.3	2.4	
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	-0.8 0.4	-0.4 3.6	0.2 10.3
Animal species, total known	447	3.0	10.3
Animal species, threatened	40		
Higher plant species, total known	3,000		
Higher plant species, threatened	0		
GEF benefits index for biodiversity (0-100, median is 1.5)	0.2		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	8.1	5.0	4.8
Energy use per capita (kg oil equivalent)	1,173	1,254	2,300
Energy from biomass products and waste (% of total)	2.7	1.2	7.0
Electric power consumption per capita (kWh)	2,141	1,418	3,242
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	92.5 7.5	91.1 7.4	62.8 27.6
Emissions and pollution	1.0	••••	21.0
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.4	0.6	0.5
CO ₂ emissions per capita (metric tons)	4.2	3.7	5.5
CO ₂ emissions growth (%, 1990–2005)	85.7	96.8	-8.3
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	36 359	72 277	30 332
Water and sanitation			
Internal freshwater resources per capita (cu. m)	1,172	728	16,993
Freshwater withdrawal Total (% of internal resources)	27.3	122.3	13.8
Agriculture (% of total freshwater withdrawal)	60	86	57
Access to improved water source (% of total population)	100	89	95
Rural (% of rural population)	100 100	81 95	83 98
Urban (% of urban population) Access to improved sanitation (% of total population)		77	83
Rural (% of rural population)		62	64
Urban (% of urban population)	100	88	89
Environment and health			
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	4.0 19.3		
Diairilea prevalence (// or cililaren unaer ilve)	29	38	24
Under-five mortality rate (per 1,000 live births)			
Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI)	0.4	33.3	
Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	12.1	11.3	12.8
Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	12.1 2.5	11.3 4.7	12.8 4.4
Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	12.1	11.3	12.8 4.4 7.6
Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	12.1 2.5 0.0 0.0 0.0	11.3 4.7 21.3 0.4 0.0	23.2 12.8 4.4 7.6 1.3 0.0
Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	12.1 2.5 0.0 0.0	11.3 4.7 21.3 0.4	12.8 4.4 7.6 1.3

Lesotho

Population (millions) 2.0 Land area (1,000 sq. km)	30.4 GD	P (\$ billions) 1.6
	Country data	Sub- Saharan Africa group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	1,030	951	1,905
Urban population (% of total)	25	36	
Urban population growth (average annual %, 1990–2007)	4.7	4.0	
Population growth (average annual %, 1990–2007)	1.3	2.6	1.3
Agriculture			
Agricultural land (% of land area)	77	44	
Agricultural productivity (value added per worker, 2000 \$)	427	287	
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	106 460	109 351	
Population density, rural (people/sq. kill of arable faild)	400	331	311
Forests and biodiversity			
Forest area (% of land area)	0.3	26.5	
Deforestation (average annual %, 1990–2005)	-3.2 0.2	0.6 11.3	
Nationally protected area (% of land area) Animal species, total known	370	11.5	11.0
Animal species, total known Animal species, threatened	10		
Higher plant species, total known	1,591		
Higher plant species, threatened	1		
GEF benefits index for biodiversity (0-100, median is 1.5)	0.3		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.0	3.9
Energy use per capita (kg oil equivalent)		670	
Energy from biomass products and waste (% of total)		56.3	15.2
Electric power consumption per capita (kWh)		531	1,269
Electricity generated using fossil fuel (% of total)		65.6	
Electricity generated by hydropower (% of total)		18.0	16.3
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.5	
CO ₂ emissions per capita (metric tons)		0.8	
CO ₂ emissions growth (%, 1990–2005)	41	40.1 53	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	41	64	
Water and sanitation Internal freshwater resources per capita (cu. m)	2,607	4,824	4,117
Freshwater withdrawal	_,	.,	.,
Total (% of internal resources)	1.0	3.2	8.7
Agriculture (% of total freshwater withdrawal)	20	87	80
Access to improved water source (% of total population)	78	58	
Rural (% of rural population)	74	46	
Urban (% of urban population)	93	81	
Access to improved sanitation (% of total population)	36 34	31 24	
Rural (% of rural population) Urban (% of urban population)	43	42	
		12	
Environment and health	10.7		
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	18.7		
Under-five mortality rate (per 1,000 live births)	84	146	50
National accounting aggregates Gross savings (% of GNI)	32.7	17.4	41.7
Consumption of fixed capital (% of GNI)	7.3	11.4	
Education expenditure (% of GNI)	10.0		
Energy depletion (% of GNI)	0.0		
Mineral depletion (% of GNI)	0.0		
Net forest depletion (% of GNI)	1.3	0.5	
CO ₂ damage (% of GNI)		0.7	
Particulate emission damage (% of GNI)	0.2	0.4	
Adjusted net savings (% of GNI)		-5.0	23.5

.24 2009 The Little Green Data Book

Liberia

Population (millions) 3.7 Land area (1,000 sq. km) 96.3 GDP (\$ millions) Sub-Saharan Low-Country Africa income data group group GNI per capita, World Bank Atlas method (\$) 140 951 574 Urban population (% of total) 59 36 32 3.7 Urban population growth (average annual %, 1990-2007) 4.9 4.0 Population growth (average annual %, 1990-2007) 3.3 2.6 2.4 Agriculture Agricultural land (% of land area) 27 39 44 Agricultural productivity (value added per worker, 2000 \$) 287 330 98 Food production index (1999-2001 = 100) 109 112 Population density, rural (people/sq. km of arable land) 378 351 603 Forests and biodiversity 32.7 26.5 24.7 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 1.7 0.6 0.7 Nationally protected area (% of land area) 15.8 11.3 10.8 759 Animal species, total known Animal species, threatened 65 2.200 Higher plant species, total known Higher plant species, threatened 46 GEF benefits index for biodiversity (0-100, median is 1.5) 2.6 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 3.0 3.2 Energy use per capita (kg oil equivalent) 670 478 Energy from biomass products and waste (% of total) 56.3 53.8 Electric power consumption per capita (kWh) 531 309 Electricity generated using fossil fuel (% of total) 65.6 48.4 38.8 Electricity generated by hydropower (% of total) 18.0 **Emissions and pollution** CO₂ emissions per unit of GDP (kg/2005 PPP \$) 0.4 0.5 0.4 CO₂ emissions per capita (metric tons) 0.1 0.8 0.6 CO_2 emissions growth (%, 1990–2005) 1.6 40.1 393 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 40 53 69 Transport sector fuel consumption per capita (liters) 64 41 Water and sanitation 53,852 4,824 4,619 Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) 0.1 32 94 Agriculture (% of total freshwater withdrawal) 55 87 90 64 58 68 Access to improved water source (% of total population) Rural (% of rural population) 52 46 60 Urban (% of urban population) 72 81 84 Access to improved sanitation (% of total population) 32 31 39 Rural (% of rural population) 24 33 Urban (% of urban population) 49 42 54 **Environment and health** Acute resp. infection prevalence (% of children under five) 39.0 Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 133 146 126 National accounting aggregates Gross savings (% of GNI) -19.3 17.4 25.4 Consumption of fixed capital (% of GNI) 9.3 94 11 1 Education expenditure (% of GNI) 3.6 2.6 Energy depletion (% of GNI) 0.0 9.8 11.7 Mineral depletion (% of GNI) 0.0 1.5 0.9 Net forest depletion (% of GNI) 6.6 0.5 0.8 0.7 0.7 CO₂ damage (% of GNI) 0.6 Particulate emission damage (% of GNI) 0.4 0.4 0.7

> 5.8 **125**

-5.0

Adjusted net savings (% of GNI)

Libya

Population (millions) 6.2 Land area (1,000 sq. km) 1	,759.5 GD	P (\$ billions	58.3
	Country data	Middle East & N. Africa group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)	9,010	2,820	
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	77	57 2.6	
Population growth (average annual %, 1990-2007)	2.0	2.0	
Agriculture Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$) Food production index (1999-2001 = 100)	9 100	22 2,313 116	
Population density, rural (people/sq. km of arable land)	78	665	
Forests and biodiversity			
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	0.1 0.0	2.4 -0.4	
Nationally protected area (% of land area)	0.0	3.6	
Animal species, total known	413		
Animal species, threatened	35 1,825		
Higher plant species, total known Higher plant species, threatened	1,625		
GEF benefits index for biodiversity (0-100, median is 1.5)	1.6		
Energy	. 44	F 0	4.0
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	4.4 2,943	5.0 1,254	
Energy from biomass products and waste (% of total)	0.9	1.2	
Electric power consumption per capita (kWh)	3,688	1,418	,
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	100.0 0.0	91.1 7.4	
Emissions and pollution C0 ₂ emissions per unit of GDP (kg/2005 PPP \$) C0 ₂ emissions per capita (metric tons) C0 ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	0.8 9.5 48.5 88 591	0.6 3.7 96.8 72 277	5.5 -8.3
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	97	728	,
Total (% of internal resources)	721.0 83	122.3 86	13.8
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)		89	57 95
Rural (% of rural population)		81	83
Urban (% of urban population)		95	98
Access to improved sanitation (% of total population) Rural (% of rural population)	97 96	77 62	83 64
Urban (% of urban population)	97	88	
Environment and health			
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	4.3 16.9		
Under-five mortality rate (per 1,000 live births)	18	38	24
National accounting aggregates			
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	 12.4	33.3 11.3	
Education expenditure (% of GNI)	12.4	4.7	
Energy depletion (% of GNI)	45.1	21.3	7.6
Mineral depletion (% of GNI)	0.0	0.4	
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0 0.9	0.0 1.0	
Particulate emission damage (% of GNI)		0.6	
Adjusted net savings (% of GNI)		3.4	4.9

.26 2009 The Little Green Data Book

Liechtenstein

Population (thousands) 35 Land area (sq. km)

160 GDP (\$ millions)

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)		37,572
Urban population (% of total)	14	78
Urban population growth (average annual %, 1990–2007)		1.0
Population growth (average annual %, 1990-2007)		0.7
Agriculture		
Agricultural land (% of land area)	44	38
Agricultural productivity (value added per worker, 2000 \$)		27,680
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	100 743	102 323
	1.0	
Forests and biodiversity Forest area (% of land area)	43.1	28.8
Deforestation (average annual %, 1990–2005)	-1.0	-0.1
Nationally protected area (% of land area)	40.0	11.8
Animal species, total known	297	
Animal species, threatened	4	
Higher plant species, total known	1,410	
Higher plant species, threatened	0	
GEF benefits index for biodiversity (0–100, median is 1.5)	0.0	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)		5,416
Energy from biomass products and waste (% of total)		3.4
Electric power consumption per capita (kWh)		9,675
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)		62.0 11.4
	••	11.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.4
CO ₂ emissions per capita (metric tons)		12.6
CO ₂ emissions growth (%, 1990-2005)		19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	32	26
Transport sector fuel consumption per capita (liters)		1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)		9,313
Freshwater withdrawal		
Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)		100
Rural (% of rural population)		98
Urban (% of urban population)		100
Access to improved sanitation (% of total population)		100 99
Rural (% of rural population) Urban (% of urban population)		100
		100
Environment and health Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	3	7
National accounting aggregates		
Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI)		14.5
Education expenditure (% of GNI)		4.6
Energy depletion (% of GNI)		1.5
Mineral depletion (% of GNI)		0.2
Net forest depletion (% of GNI)		0.0
CO ₂ damage (% of GNI)		0.3
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)		0.3 8.5

Lithuania

Population (millions) 3.4 Land area (1,000 sq. km)	62.7 GD	7 GDP (\$ billions) 38.3	
	Country data	Europe & Central Asia group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)	9,770	,	
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	67 -0.6		
Population growth (average annual %, 1990-2007)	-0.5	0.1	0.9
Agriculture Agricultural land (% of land area)	45	28	31
Agricultural productivity (value added per worker, 2000 \$)	5,020		
Food production index (1999-2001 = 100) Population density, rural (people/sq. km of arable land)	96 60		
	00	123	110
Forests and biodiversity Forest area (% of land area)	33.5	38.3	39.3
Deforestation (average annual %, 1990–2005)	-0.5		
Nationally protected area (% of land area) Animal species, total known	5.7 298		10.3
Animal species, threatened	19		
Higher plant species, total known Higher plant species, threatened	1,796		
GEF benefits index for biodiversity (0-100, median is 1.5)	0.0		
Energy	6.1	2.5	10
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	6.1 2,517	3.5 2,930	
Energy from biomass products and waste (% of total)	8.8		
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	3,233 22.1		
Electricity generated by hydropower (% of total)	3.3	17.4	27.6
Emissions and pollution	0.0	0.7	0.5
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.3 4.1		
CO ₂ emissions growth (%, 1990–2005)	-42.8		
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	19 403		
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	4,610	11,806	16,993
Total (% of internal resources)	1.7	7.2	13.8
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	7	60 95	57 95
Rural (% of rural population)		88	
Urban (% of urban population) Access to improved sanitation (% of total population)		99 89	98 83
Rural (% of rural population)		79	64
Urban (% of urban population)		94	89
Environment and health Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five)			
Under-five mortality rate (per 1,000 live births)	8	23	24
National accounting aggregates Gross savings (% of GNI)	17.0	24.0	23.2
Consumption of fixed capital (% of GNI)	13.5	12.8	12.8
Education expenditure (% of GNI) Energy depletion (% of GNI)	4.8 0.1		
Mineral depletion (% of GNI)	0.0		
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.1 0.3	0.0	0.0
Particulate emission damage (% of GNI)	0.3	0.5	0.4
Adjusted net savings (% of GNI)	7.6		

L28 2009 The Little Green Data Bo

Luxembourg

Population (thousands) 480 Land area (1,000 sq. km) 2.6 GDP (\$ billions) 49.5

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	72,430 83	37,572 78
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	1.5 1.3	1.0 0.7
Agriculture Agricultural land (% of land area)	50	38
Agricultural productivity (value added per worker, 2000 \$)	30,035	27,680
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	98 131	102 323
Forests and biodiversity		
Forest area (% of land area)	33.5	28.8
Deforestation (average annual %, 1990–2005)	-0.1	-0.1
Nationally protected area (% of land area) Animal species, total known	16.6 350	11.8
Animal species, total known Animal species, threatened	5 5	
Higher plant species, total known	1,246	
Higher plant species, threatened	0	
GEF benefits index for biodiversity (0–100, median is 1.5)	0.0	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	7.1	6.3
Energy use per capita (kg oil equivalent)	9,972	5,416
Energy from biomass products and waste (% of total)	1.3	3.4
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	16,414 92.1	9,675 62.0
Electricity generated using lossified (% of total)	3.1	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.4	0.4
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	24.8 14.3	12.6 19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	15	26
Transport sector fuel consumption per capita (liters)	5,382	1,159
Water and sanitation	2.002	0.212
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	2,083	9,313
Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)	100	98
Urban (% of urban population) Access to improved sanitation (% of total population)	100 100	100 100
Rural (% of rural population)	100	99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	••	
Under-five mortality rate (per 1,000 live births)	3	7
National accounting aggregates	<u></u>	
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)		20.6 14.5
Education expenditure (% of GNI)	3.7	14.5 4.6
Energy depletion (% of GNI)	J.1 	1.5
Mineral depletion (% of GNI)		0.2
Net forest depletion (% of GNI)		0.0
CO ₂ damage (% of GNI)		0.3
Particulate emission damage (% of GNI)		0.3 8.5
Adjusted net savings (% of GNI)		8.5

Macao, China

Population (thousands) 480 Land area (sq. km)

High-Country income data group GNI per capita, World Bank Atlas method (\$) 14.020 37.572 Urban population (% of total) 100 78 Urban population growth (average annual %, 1990-2007) 1.5 1.0 Population growth (average annual %, 1990-2007) 1.5 0.7 Agriculture Agricultural land (% of land area) 38 Agricultural productivity (value added per worker, 2000 \$) 27,680 Food production index (1999-2001 = 100) 102 Population density, rural (people/sq. km of arable land) 323 Forests and biodiversity 28.8 Forest area (% of land area) Deforestation (average annual %, 1990-2005) -0.1Nationally protected area (% of land area) 11.8 60 Animal species, total known Animal species, threatened 10 Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 6.3 Energy use per capita (kg oil equivalent) 5 416 Energy from biomass products and waste (% of total) 3.4 Electric power consumption per capita (kWh) 9,675 Electricity generated using fossil fuel (% of total) 62.0 Electricity generated by hydropower (% of total) 11.4 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.1 0.4 CO₂ emissions per capita (metric tons) 4.7 12.6 CO_2 emissions growth (%, 1990–2005) 1179 191 26 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 48 Transport sector fuel consumption per capita (liters) 1,159 Water and sanitation 9,313 Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) 104 Agriculture (% of total freshwater withdrawal) 43 100 Access to improved water source (% of total population) Rural (% of rural population) 98 Urban (% of urban population) 100 Access to improved sanitation (% of total population) 100 Rural (% of rural population) 99 Urban (% of urban population) 100 **Environment and health** Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 7 National accounting aggregates

28 GDP (\$ billions)

14.2

20.6

14.5

4.6

1.5

0.2

0.0

0.3 8.5

130

Gross savings (% of GNI)

Energy depletion (% of GNI)

Mineral depletion (% of GNI)

CO₂ damage (% of GNI)

Net forest depletion (% of GNI)

Adjusted net savings (% of GNI)

Consumption of fixed capital (% of GNI)

Particulate emission damage (% of GNI)

Education expenditure (% of GNI)

2009 The Little Green Data Book

Macedonia, FYR

Population (millions) 2.0 Land area (1,000 sq. km) 25.4 GDP (\$ billions) 7.7 Europe & Lower Central middle-Country Asia income data group group GNI per capita, World Bank Atlas method (\$) 3.470 6.052 1.905 Urban population (% of total) 66 64 42 Urban population growth (average annual %, 1990-2007) 1.2 0.2 2.9 Population growth (average annual %, 1990-2007) 0.41.3 0.1 Agriculture Agricultural land (% of land area) 49 47 28 Agricultural productivity (value added per worker, 2000 \$) 3,739 2,228 532 Food production index (1999-2001 = 100) 116 124 129 511 Population density, rural (people/sq. km of arable land) Forests and biodiversity 35.6 38.3 25.0 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.0 0.0 0.1 Nationally protected area (% of land area) 7.1 6.1 11.0 380 Animal species, total known Animal species, threatened 36 3.500 Higher plant species, total known Higher plant species, threatened 0 0.2 GEF benefits index for biodiversity (0-100, median is 1.5) GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 5.9 3.5 3.9 Energy use per capita (kg oil equivalent) 1,355 2,930 1,019 Energy from biomass products and waste (% of total) 6.0 2.2 15.2 Electric power consumption per capita (kWh) 3,495 3,835 1,269 Electricity generated using fossil fuel (% of total) 76.4 67.7 79.0 16.3 Electricity generated by hydropower (% of total) 23.6 17.4 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.7 0.7 0.8 CO₂ emissions per capita (metric tons) 5.1 7.0 2.8 CO_2 emissions growth (%, 1990–2005) -34.0-29.3935 27 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 21 67 Transport sector fuel consumption per capita (liters) 255 171 99 Water and sanitation 11,806 Internal freshwater resources per capita (cu. m) 2,651 4,117 Freshwater withdrawal Total (% of internal resources) 72 87 Agriculture (% of total freshwater withdrawal) 80 60 100 95 88 Access to improved water source (% of total population) Rural (% of rural population) 99 88 82 Urban (% of urban population) 100 99 96 Access to improved sanitation (% of total population) 89 89 55 Rural (% of rural population) 81 79 43 Urban (% of urban population) 92 94 71 **Environment and health** Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 17 23 50 National accounting aggregates Gross savings (% of GNI) 24.0 41.7 21.1 Consumption of fixed capital (% of GNI) 12.8 10.7 114 Education expenditure (% of GNI) 4.9 4.0 2.6 Energy depletion (% of GNI) 0.0 9.8 6.6 Mineral depletion (% of GNI) 0.0 0.7 1.2 Net forest depletion (% of GNI) 0.2 0.0 0.2 1.2 CO₂ damage (% of GNI) 1.2 1.0 Particulate emission damage (% of GNI) 0.1 0.5 1.1 23.5 Adjusted net savings (% of GNI) 13.1 3.2

Madagascar

Population (millions) 20 Land area (1,000 sq. km)	582 GDP (\$ billions)		Land area (1,000 sq. km) 582 GDP (\$ billion:	s) 7.4
	Country data	Sub- Saharan Africa group	Low- income group	
GNI per capita, World Bank Atlas method (\$)	320	951	574	
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	29 4.1	36 4.0	32 3.1	
Population growth (average annual %, 1990-2007)	2.9	2.6	2.4	
Agriculture				
Agricultural land (% of land area)	70	44	3	
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	175 107	287 109	33 11	
Population density, rural (people/sq. km of arable land)	452	351	60	
Forests and biodiversity				
Forest area (% of land area)	22.1	26.5		
Deforestation (average annual %, 1990-2005)	0.4	0.6	0.	
Nationally protected area (% of land area)	2.6 427	11.3	10.	
Animal species, total known Animal species, threatened	355			
Higher plant species, total known	9.505			
Higher plant species, threatened	281			
GEF benefits index for biodiversity (0-100, median is 1.5)	29.2			
Energy		2.0	2	
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.0 670	3. 47	
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)		56.3	53.	
Electric power consumption per capita (kWh)		531	30	
Electricity generated using fossil fuel (% of total)		65.6	48.	
Electricity generated by hydropower (% of total)		18.0	38.	
Emissions and pollution				
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.2 0.2	0.5 0.8	0. 0.	
cog emissions per capita (metric tons)		0.0	0.	
CO ₂ emissions growth (%, 1990–2005)		40.1	39.	
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	198.8	40.1 53	39. 6	
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)				
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation	198.8 34 	53 64	6 4	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m)	198.8 34	53	6	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation	198.8 34 	53 64	4,61	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	198.8 34 17,133	53 64 4,824	4,61 9.	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	198.8 34 17,133 4.4 96 47	53 64 4,824 3.2 87 58	4,61 9.	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population)	198.8 34 17,133 4.4 96 47 36	53 64 4,824 3.2 87 58 46	4,61 9. 96 6	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population)	198.8 34 17,133 4.4 96 47 36 76	53 64 4,824 3.2 87 58 46 81	4,61 9. 96 6	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population)	198.8 34 17,133 4.4 96 47 36 76 12	53 64 4,824 3.2 87 58 46 81 31	4,61 9. 96 66 83	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population)	198.8 34 17,133 4.4 96 47 36 76	53 64 4,824 3.2 87 58 46 81	4,61 9. 96 66 88 33	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population)	198.8 34 17,133 4.4 96 47 36 76 12 10 18	53 64 4,824 3.2 87 58 46 81 31 24	4,61 9. 96 66 88 33	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Urban (% of urban population) Urban (% of rural population) Urban (% of rural population) Environment and health Acute resp. infection prevalence (% of children under five)	198.8 34 17,133 4.4 96 47 36 76 122 10 18	53 64 4,824 3.2 87 58 46 81 31 24	4,61 9. 96 66 88 33	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Urban (% of urban population) Urban (% of rural population) Urban (% of rural population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	198.8 34 17,133 4.4 96 47 366 76 12 10 18	53 64 4,824 3.2 87 58 46 81 31 24 42	4,61 9. 96 66 83 33 55	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Rural (% of rural population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	198.8 34 17,133 4.4 96 47 36 76 122 10 18	53 64 4,824 3.2 87 58 46 81 31 24	4,61 9. 96 66 88 33 35	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates	198.8 34 17,133 4.4 96 47 36 76 12 10 18 9.0 12.8 112	53 64 4,824 3.2 87 58 46 81 31 24 42	4,61 9,9 66 88 33 55	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI)	198.8 34 17,133 4.4 96 47 36 76 12 10 18	53 64 4,824 3,2 87 58 46 81 31 24 42	4,61 9. 96 66 88 33 55	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	198.8 34 17,133 4.4 96 47 36 76 12 10 18 9.0 12.8 112	53 64 4,824 3.2 87 58 46 81 31 24 42 146	4,61 9. 99 66 88 33 55	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Rural (% of rural population) Fural (% of rural population) Urban (% of urban population) Fural (% of rural population) Urban (% of urban population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	198.8 34 17,133 4.4 96 47 36 76 12 10 18 9.0 12.8 112	53 64 4,824 3,2 87 58 46 81 31 24 42	4,61 9,9 66 88 33 55	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Urban (% of urban population) Bural (% of rural population) Urban (% of urban population) Urban (% of urban population) Environment and health Acuter esp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Energy depletion (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	198.8 34 17,133 4.4 96 47 36 676 12 10 12.8 112 13.4 8.2 3.1 0.0 0.0	53 64 4,824 3,2 87 58 46 81 31 24 42 146 17,4 11,1 3,6 11,7 1,5	4,61 9,9 66 88 33 55 12 25,9,9,9	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Urban (% of urban population) Bural (% of rural population) Urban (% of urban population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	198.8 34 17,133 4.4 96 47 736 76 12 100 12.8 112 13.4 8.2 3.1 0.0 0.0 0.2	53 64 4,824 3,2 87 58 46 811 31 24 42 146 17,4 11,1 3,6 11,7 1,5 5,5 0,5	4,61 9,9 66 88 33 55 12 25,9,2,9,0	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Urban (% of urban population) Bural (% of rural population) Urban (% of urban population) Urban (% of urban population) Environment and health Acuter esp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Energy depletion (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	198.8 34 17,133 4.4 96 47 36 676 12 10 12.8 112 13.4 8.2 3.1 0.0 0.0	53 64 4,824 3,2 87 58 46 81 31 24 42 146 17,4 11,1 3,6 11,7 1,5	4,61 4,61 9,9 66 68 83 35 5 122 25.9 9.0 0.0	

.32 2009 The Little Green Data Book

Malawi

Population (millions) 14 Land area (1,000 sq. km)	94 GDP (\$ billions)		3.6
	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	250	951	574
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	18 5.0	36 4.0	32 3.7
Population growth (average annual %, 1990–2007)	2.3	2.6	2.4
Agriculture			
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	49 109	44 287	39 330
Food production index (1999-2001 = 100)	109	109	112
Population density, rural (people/sq. km of arable land)	421	351	603
Forests and biodiversity			
Forest area (% of land area)	36.2	26.5	
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	0.9 19.5	0.6 11.3	0.7 10.8
Animal species, total known	865	11.3	10.6
Animal species, threatened	140		
Higher plant species, total known	3,765		
Higher plant species, threatened	14		
GEF benefits index for biodiversity (0–100, median is 1.5)	3.5		
Energy CDB pay unit of opergy use (2005 BBB \$ /kg oil equivalent)		3.0	3.2
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)		670	478
Energy from biomass products and waste (% of total)		56.3	53.8
Electric power consumption per capita (kWh)		531	309
Electricity generated using fossil fuel (% of total)		65.6	48.4
Electricity generated by hydropower (% of total)		18.0	38.8
Emissions and pollution	0.1	0.5	0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.1 0.08	0.5 0.85	0.4 0.58
CO ₂ emissions growth (%, 1990–2005)	65.2	40.1	39.3
Particulate matter (urban-popweighted avg., µg/cu. m)	33	53	69
Transport sector fuel consumption per capita (liters)		64	41
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	1,159	4,824	4,619
Total (% of internal resources)	6.3	3.2	9.4
Agriculture (% of total freshwater withdrawal)	80	87	90
Access to improved water source (% of total population)	76	58	68
Rural (% of rural population)	72	46	60
Urban (% of urban population)	96	81 31	84 39
Access to improved sanitation (% of total population) Rural (% of rural population)	60 62	24	33
Urban (% of urban population)	51	42	54
Environment and health			
Acute resp. infection prevalence (% of children under five)	27.0		
Diarrhea prevalence (% of children under five)	17.6		
Under-five mortality rate (per 1,000 live births)	111	146	126
National accounting aggregates Gross savings (% of GNI)	9.6	17.4	25.4
Consumption of fixed capital (% of GNI)	7.6	11.1	9.3
Education expenditure (% of GNI)	3.5	3.6	2.6
Energy depletion (% of GNI)	0.0	11.7	9.8
Mineral depletion (% of GNI)	0.0	1.5	0.9
Net forest depletion (% of GNI)	0.8	0.5	0.8
CO ₂ damage (% of GNI)	0.3	0.7	0.7
Particulate emission damage (% of GNI)	0.2	0.4	0.7
Adjusted net savings (% of GNI)	4.3	-5.0	5.8

Malaysia

Country Coun	Population (millions) 27 Land area (1,000 sq. km)	329 GD	P (\$ billions	186.7
Urban population (% of total) 69			& Pacific	income
Urban population growth (average annual %, 1990-2007)				7,107
Population growth (average annual %, 1990-2007) 2.3 1.1 0.0				75 1.4
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$) 551 458 2,94 Agricultural productivity (value added per worker, 2000 \$) 551 458 2,94 Agricultural productivity (value added per worker, 2000 \$) 551 458 2,94 500 2001 = 100) 126 120 11 120 121				0.9
Agricultural productivity (value added per worker, 2000 \$) 551 458 2,94 Food production index (1999–2001 = 100) 126 120 11 120 11 120 population density, rural (people/sq. km of arable land) 462 547 11 120 Forests and biodiversity Forest area (% of land area) 63.6 28.4 39. Deforestation (average annual %, 1990–2005) 0.5 -0.1 0. Nationally protected area (% of land area) 18.2 14.0 10. Animal species, total known 1,083 Animal species, total known 1,083 Animal species, total known 15,500 Higher plant species, total known 14,7 3.4 4. Energy use per capita (kg oil equivalent) 2,617 1,258 2,30 Energy from biomass products and waste (% of total) 4.1 14.7 7 1,258 2,30 Electric power consumption per capita (kWh) 3,388 1,669 3,24 Electricity generated using fossil fuel (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 92.3 82.0 62. Electricity gene	Agriculture			
Food production index (1999-2001 = 100)				31
Population density, rural (people/sq. km of arable land)				2,947
Forest area (% of land area) 63.6 28.4 39.				110
Deforestation (average annual %, 1990-2005)	Forests and biodiversity			
Nationally protected area (% of land area) Animal species, total known Animal species, threatened Higher plant species, total known Higher plant special special known Higher plant special sp				
Animal species, total known Animal species, totreatened Animal species, totreatened Animal species, threatened Animal species, total known Animal specion known Animal specion special spe				0.2
Animal species, threatened Higher plant species, total known 15,500 Higher plant species, threatened 686 GEF benefits index for biodiversity (0-100, median is 1.5) 13.9 Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 2,617 1,258 2,30 Energy from biomass products and waste (% of total) 4.1 14.7 7. Electric power consumption per capita (kWh) 3,388 1,669 3,24 Electricity generated using fossil fuel (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 7.7 15.0 27. Emissions and pollution C02 emissions per unit of GDP (kg/2005 PPP \$) 0.8 0.9 0. C02 emissions per unit of GDP (kg/2005 PPP \$) 33.3.9 123.4 -8. Particulate matter (urban-popweighted avg., µg/cu. m) 23 69 3 37 ansport sector fuel consumption per capita (liters) 567 106 33 Water and sanitation Internal freshwater resources per capita (cu. m) 21,846 4,948 16,99 Ersehwater withdrawal Total (% of internal resources) 1.6 10.2 13. Agriculture (% of total freshwater withdrawal) 62 74 5. Access to improved water source (% of total population) 99 87 9			14.0	10.5
Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) Energy GEP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent) Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total) Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh) Sayass Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) Emissions and pollution CO ₂ emissions per capita (metric tons) Sayass CO ₂ emissions growth (%, 1990-2005) Particulate matter (urban-popweighted avg., µg/cu. m) Erransport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Erreshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Evaluation Access to improved water source (% of total population) Burban (% of rural population) Urban (% of urban population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of GNI) Energy depletion (% of GNI) Energy depletion (% of GNI) Energy depletion (% of GNI) Net forest depletion (% of GNI) O. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.		,		
Separate Parameter Para		15,500		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 4.7 3.4 4.				
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 4.7 3.4 4. Energy use per capita (kg oil equivalent) 2,617 1,258 2,30 Energy from biomass products and waste (% of total) 4.1 14.7 7. Electric power consumption per capita (kWh) 3,388 1,669 3,24 Electricity generated using fossil fuel (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 7.7 15.0 27. Emissions and pollution CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.8 0.9 0. CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.8 0.9 0. CO2 emissions per unit of GDP (kg/2005 PPP \$) 33.9 123.4 -8. Particulate matter (urban-popweighted avg., µg/cu. m) 23 69 3 Transport sector fuel consumption per capita (liters) 567 106 33 Water and sanitation Internal freshwater resources per capita (cu. m) 21,846 4,948 16,99 Freshwater withdrawal 1.6 10.2	GEF benefits index for biodiversity (0–100, median is 1.5)	13.9		
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total) Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh) 3,388 1,669 3,24 Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total) 2,77 15.0 27. Emissions and pollution C0_2 emissions per unit of GDP (kg/2005 PPP \$) 0.8 0.9 0. C0_2 emissions per unit of GDP (kg/2005 PPP \$) 3.3 3.6 5. C0_2 emissions per capita (metric tons) 9.3 3.6 5. C0_2 emissions growth (%, 1990–2005) 333.9 123.4 - 5. Particulate matter (urban-popweighted avg., µg/cu. m) 23 69 3 Transport sector fuel consumption per capita (liters) 567 106 33 Water and sanitation Internal freshwater resources per capita (cu. m) 21,846 4,948 16,99 Freshwater withdrawal Total (% of internal resources) 1.6 10.2 13. Agriculture (% of total freshwater withdrawal) 62 74 5. Access to improved water source (% of total population) 99 87 9 Rural (% of rural population) 100 96 81 Rural (% of rural population) 99 87 9 Rural		4.7	2.4	10
Energy from biomass products and waste (% of total)				
Electric power consumption per capita (kWh) 3,388 1,669 3,24 Electricity generated using fossil fuel (% of total) 92.3 82.0 62. Electricity generated by hydropower (% of total) 7.7 15.0 27. Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$) 0.8 0.9 0. CO ₂ emissions per unit of GDP (kg/2005 PPP \$) 3.3 6. 5. CO ₂ emissions per capita (metric tons) 9.3 3.6 5. CO ₂ emissions growth (%, 1990–2005) 333.9 123.4 -8. Particulate matter (urban-popweighted avg., µg/cu. m) 23 69 3. Transport sector fuel consumption per capita (liters) 567 106 33. Water and sanitation Internal freshwater resources per capita (cu. m) 21,846 4,948 16,99 Freshwater withdrawal Total (% of internal resources) 1.6 10.2 13. Agriculture (% of total freshwater withdrawal) 62 74 5. Access to improved water source (% of total population) 99 87 98 87 98 87 98 87 99 88 87 99 88 87 99 88 88 99 87 99 88 99 88 99 88 99 88 99 88 99 88 99 88 99 88 99 88 99 88 99 89 8		,		7.0
Electricity generated by hydropower (% of total) 7.7 15.0 27.	Electric power consumption per capita (kWh)			
Emissions and pollution CO₂ emissions per unit of GDP (kg/2005 PPP\$) 0.8 0.9 0.8 0.9 0.0 0.2 0.2 0.3 0.5 0.3 0.9 0.5 0.8 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.0 0.				
CO₂ emissions per unit of GDP (kg/2005 PPP\$) CO₂ emissions per capita (metric tons) CO₂ emissions per capita (metric tons) CO₂ emissions per capita (metric tons) CO₂ emissions growth (%, 1990-2005) 333.9 123.4 -8. Particulate matter (urban-popweighted avg., µg/cu. m) 23 Gep 33 Transport sector fuel consumption per capita (liters) Water and sanitation Internal freshwater resources per capita (cu. m) Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Total (% of internal resource) Agriculture (% of total freshwater withdrawal) Rural (% of rural population) Urban (% of urban population) Urban (% of or urban population) Urban (% of or urban population) Urban (% of or urban population) Urban (% of urban population) Urban (% of or urban population) Urban (% of urban population) Urban (% of or urban population) Urban (% of urban popula		1.1	15.0	21.0
CO₂ emissions per capita (metric tons) CO₂ emissions growth (%, 1990-2005) 333.9 123.4 -8. Particulate matter (urban-pop-weighted avg., µg/cu. m) 23 69 33 Transport sector fuel consumption per capita (liters) 567 106 33 Water and sanitation Internal freshwater resources per capita (cu. m) Preshwater withdrawal Total (% of internal resources) Agriculture (% of total freshwater withdrawal) Rural (% of total freshwater withdrawal) 96 Rural (% of rural population) 97 Rural (% of rural population) 98 Rural (% of rural population) 99 Rural (% of rural population) 99 Rural (% of rural population) 90 Rural (% of urban population) 91 Rural (% of rural population) 93 Sp Rural (% of rural population) 94 86 88 Rural (% of rural population) 95 75 88 Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 11 27 22 National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Energy depletion (% of GNI) Energy depletion (% of GNI) Net forest depletion (% of GNI) O.0 O.0 O.0 CO₂ damage (% of GNI) O.8 13 333.9 123.4 -8888888888.		0.8	0.0	0.5
CO2 emissions growth (%, 1990-2005) 333.9 123.4 -8. Particulate matter (urban-popweighted avg., µg/cu. m) 23 69 3 Transport sector fuel consumption per capita (liters) 567 106 33 Water and sanitation Internal freshwater resources per capita (cu. m) 21,846 4,948 16,99 Freshwater withdrawal 1.6 10.2 13. Agriculture (% of internal resources) 1.6 10.2 13. Agriculture (% of total freshwater withdrawal) 62 74 5 Access to improved water source (% of total population) 99 87 9 Rural (% of rural population) 96 81 8 Urban (% of urban population) 94 66 8 Rural (% of rural population) 94 66 8 Rural (% of rural population) 95 75 8 Environment and health Acute resp. infection prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 11 27 2 National acc				
Transport sector fuel consumption per capita (liters) 567 106 33 Water and sanitation Internal freshwater resources per capita (cu. m) 21,846 4,948 16,99 Freshwater withdrawal 1.6 10.2 13. Agriculture (% of total freshwater withdrawal) 62 74 5 Access to improved water source (% of total population) 99 87 9 Rural (% of rural population) 96 81 8 Urban (% of urban population) 100 96 81 8 Rural (% of rural population) 93 59 6 9 Access to improved sanitation (% of total population) 93 59 6 8 Rural (% of rural population) 93 59 6 8 Rural (% of urban population) 93 59 6 Rural (% of urban population) 95 75 8 Environment and health 20 20 Acute resp. infection prevalence (% of children under five) 20 20				-8.3
Water and sanitation Internal freshwater resources per capita (cu. m) 21,846 4,948 16,99 Freshwater withdrawal 1.6 10.2 13. Agriculture (% of fotal freshwater withdrawal) 62 74 5 Access to improved water source (% of total population) 99 87 8 Rural (% of rural population) 96 81 8 Urban (% of urban population) 96 81 8 Access to improved sanitation (% of total population) 94 66 8 Rural (% of rural population) 94 66 8 Rural (% of urban population) 95 75 8 Environment and health 8 8 8 Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 11 27 2 National accounting aggregates 8 8 48.0 23 Consumption of fixed capital (% of GNI) 12.5 <td></td> <td></td> <td></td> <td>30</td>				30
Internal freshwater resources per capita (cu. m)		567	106	332
Total (% of internal resources)	Internal freshwater resources per capita (cu. m)	21,846	4,948	16,993
Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Access to improved sanitation (% of total population) Population (% of urban population) Urban (% of urban population) Urban (% of urban population) Population (% of total population) Population (% of urban population) Population (% of children under five) Population (% of children under five) Population (% of children under five) Population (% of GNI) Pop				13.8
Rural (% of rural population) 96 81 8 8 8 9 9 9 9 9 9 9				57
Urban (% of urban population) 100 96 9 Access to improved sanitation (% of total population) 94 66 8 Rural (% of rural population) 93 59 6 Urban (% of urban population) 95 75 8 Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 11 27 2 National accounting aggregates Gross savings (% of GNI) 38.4 48.0 23. Consumption of fixed capital (% of GNI) 12.5 10.7 12. Education expenditure (% of GNI) 5.5 2.1 4. Energy depletion (% of GNI) 10.3 4.9 7. Mineral depletion (% of GNI) 0.1 1.3 1. Net forest depletion (% of GNI) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.				95 83
Access to improved sanitation (% of total population) 94 66 8 Rural (% of rural population) 93 59 6 Urban (% of urban population) 95 75 8 Environment and health Acute resp. infection prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 11 27 2 National accounting aggregates Gross savings (% of GNI) 38.4 48.0 23. Consumption of fixed capital (% of GNI) 12.5 10.7 12. Education expenditure (% of GNI) 5.5 2.1 4. Energy depletion (% of GNI) 10.3 4.9 7. Mineral depletion (% of GNI) 1.3 1. Net forest depletion (% of GNI) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.				98
Urban (% of urban population) 95 75 8 Environment and health Acute resp. infection prevalence (% of children under five) Lounder-five prevalence (% of children under five) Lounder-five mortality rate (per 1,000 live births) 11 27 2 National accounting aggregates Gross savings (% of GNI) 38.4 48.0 23. Consumption of fixed capital (% of GNI) 12.5 10.7 12. Education expenditure (% of GNI) 5.5 2.1 4. Energy depletion (% of GNI) 10.3 4.9 7. Mineral depletion (% of GNI) 0.1 1.3 1. Net forest depletion (% of GNI) 0.0 0.0 0.0 CO ₂ damage (% of GNI) 0.8 1.3 0.0				83
Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 11 27 2 National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) 12.5 10.7 12. Education expenditure (% of GNI) 5.5 2.1 4. Energy depletion (% of GNI) Mineral depletion (% of GNI) 0.1 1.3 1. Net forest depletion (% of GNI) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0				64 89
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Net forest depletion (% of GNI) Net forest depletion (% of GNI) Net forest depletion (% of GNI) O.0 CO ₂ damage (% of GNI) O.8 1.3 O.0 O.0 CO ₂ damage (% of GNI) O.0 O.0 O.0 O.0 O.0 O.0 O.0 O.0 O.0 O.		95	13	09
Under-five mortality rate (per 1,000 live births) 11 27 2 National accounting aggregates Gross savings (% of GNI) 38.4 48.0 23. Consumption of fixed capital (% of GNI) 12.5 10.7 12. Education expenditure (% of GNI) 5.5 2.1 4. Energy depletion (% of GNI) 10.3 4.9 7. Mineral depletion (% of GNI) 0.1 1.3 1. Net forest depletion (% of GNI) 0.0 0.0 0.0 CO ₂ damage (% of GNI) 0.8 1.3 0.	Acute resp. infection prevalence (% of children under five)			
Gross savings (% of GNI) 38.4 48.0 23. Consumption of fixed capital (% of GNI) 12.5 10.7 12. Education expenditure (% of GNI) 5.5 2.1 4. Energy depletion (% of GNI) 10.3 4.9 7. Mineral depletion (% of GNI) 0.1 1.3 1. Net forest depletion (% of GNI) 0.0 0.0 0.0 CO ₂ damage (% of GNI) 0.8 1.3 0.			27	24
Consumption of fixed capital (% of GNI) 12.5 10.7 12. Education expenditure (% of GNI) 5.5 2.1 4. Energy depletion (% of GNI) 10.3 4.9 7. Mineral depletion (% of GNI) 0.1 1.3 1. Net forest depletion (% of GNI) 0.0 0.0 0.0 CO ₂ damage (% of GNI) 0.8 1.3 0.	National accounting aggregates			
Education expenditure (% of GNI) 5.5 2.1 4. Energy depletion (% of GNI) 10.3 4.9 7. Mineral depletion (% of GNI) 0.1 1.3 1. Net forest depletion (% of GNI) 0.0				23.2
Energy depletion (% of GNI) 10.3 4.9 7. Mineral depletion (% of GNI) 0.1 1.3 1. Net forest depletion (% of GNI) 0.0 0.0 0.0 CO ₂ damage (% of GNI) 0.8 1.3 0.				12.8 4.4
Mineral depletion (% of GNI) 0.1 1.3 1. Net forest depletion (% of GNI) 0.0 0.0 0. CO ₂ damage (% of GNI) 0.8 1.3 0.				4.4 7.6
Net forest depletion (% of GNI) 0.0 0.0 0.0 0.0 $\rm CO_2$ damage (% of GNI) 0.8 1.3 0.				1.3
	Net forest depletion (% of GNI)			0.0
				0.6
	Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)			0.4 4.9

.34 2009 The Little Green Data Book

Maldives

Population (thousands) 305 Land area (sq. km)	300 GDI	(\$ billions) 1.1
	Country data	South Asia group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	3,190	880	1,905
Urban population (% of total)	37	29	42
Urban population growth (average annual %, 1990-2007)) 4.1 2.0	2.7	2.9
Population growth (average annual %, 1990-2007)	2.0	1.8	1.3
Agriculture			
Agricultural land (% of land area)	. 47	55 417	47 532
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	92	107	116
Population density, rural (people/sq. km of arable land)	4,880	617	511
Forests and biodiversity			
Forest area (% of land area)	3.0	16.8	25.0
Deforestation (average annual %, 1990–2005)	0.0	-0.1	0.1
Nationally protected area (% of land area)		5.6	
Animal species, total known	181		
Animal species, threatened	55		
Higher plant species, total known	583		
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	1.4		
	2		
Energy CDD per unit of approxy upo (2005 DDD \$ /kg oil aguivalent)		4.8	3.9
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)		4.8 468	1,019
Energy from biomass products and waste (% of total)		30.4	15.2
Electric power consumption per capita (kWh)		453	1,269
Electricity generated using fossil fuel (% of total)		78.3	79.0
Electricity generated by hydropower (% of total)		17.4	16.3
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.6	0.5	0.8
CO ₂ emissions per capita (metric tons)	2.4	1.1	2.8
CO ₂ emissions growth (%, 1990-2005)	364.3	106.7	93.5
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	32	78 33	67 99
Water and sanitation			
Internal freshwater resources per capita (cu. m)	98	1,196	4,117
Freshwater withdrawal	00	1,100	.,
Total (% of internal resources)		51.7	8.7
Agriculture (% of total freshwater withdrawal)		89	80
Access to improved water source (% of total population)	83	87	88
Rural (% of rural population)	76	84 94	82 96
Urban (% of urban population) Access to improved sanitation (% of total population)	98 59	33	55
Rural (% of rural population)	42	23	43
Urban (% of urban population)	100	57	71
Environment and health			
Acute resp. infection prevalence (% of children under five)	22.0		
Diarrhea prevalence (% of children under five)	7.9		
Under five mentality rate (new 1,000 live hinths)		70	50
under-live mortality rate (per 1,000 live births)	30	78	
Under-five mortality rate (per 1,000 live births) National accounting aggregates	30	78	
National accounting aggregates	30	36.2	41.7
National accounting aggregates Gross savings (% of GNI)	 11.9	36.2 9.5	41.7 10.7
National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	 11.9 6.5	36.2 9.5 3.0	41.7 10.7 2.6
National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI)	11.9 6.5 0.0	36.2 9.5 3.0 2.7	41.7 10.7 2.6 6.6
National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	11.9 6.5 0.0 0.0	36.2 9.5 3.0 2.7 0.6	41.7 10.7 2.6 6.6 1.2
National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	11.9 6.5 0.0 0.0	36.2 9.5 3.0 2.7 0.6 0.9	41.7 10.7 2.6 6.6 1.2 0.2
National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	11.9 6.5 0.0 0.0	36.2 9.5 3.0 2.7 0.6	41.7 10.7 2.6 6.6 1.2

Mali

Population (millions) 12 Land area (1,000 sq. km)	1,220 GD	P (\$ billions	6.9
	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	500	951	574
Urban population (% of total)	32	36	32
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	4.6 2.8	4.0 2.6	3.7 2.4
Agriculture			
Agricultural land (% of land area)	32	44	39
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	244 117	287 109	330 112
Population density, rural (people/sq. km of arable land)	168	351	603
Forests and biodiversity			
Forest area (% of land area)	10.3	26.5	
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	0.7 2.1	0.6 11.3	
Animal species, total known	758	11.0	10.0
Animal species, threatened	19		
Higher plant species, total known	1,741		
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	6 1.5		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.0	
Energy use per capita (kg oil equivalent)		670 56.3	478 53.8
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)		531	309
Electricity generated using fossil fuel (% of total)		65.6	48.4
Electricity generated by hydropower (% of total)		18.0	38.8
Emissions and pollution	0.05	0.40	0.00
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.05 0.05	0.49 0.85	0.39 0.58
CO ₂ emissions growth (%, 1990-2005)	33.9	40.1	39.3
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	152	53 64	69 41
Water and sanitation		04	41
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	4,865	4,824	4,619
Total (% of internal resources)	10.9	3.2	9.4
Agriculture (% of total freshwater withdrawal)	90	87	90
Access to improved water source (% of total population) Rural (% of rural population)	60 48	58 46	68 60
Urban (% of urban population)	86	81	84
Access to improved sanitation (% of total population)	45	31	39
Rural (% of rural population) Urban (% of urban population)	39 59	24 42	33 54
Environment and health			
Acute resp. infection prevalence (% of children under five)	10.0		
Diarrhea prevalence (% of children under five)	18.6		
Under-five mortality rate (per 1,000 live births)	196	146	126
National accounting aggregates Gross savings (% of GNI)	13.6	17.4	25.4
Consumption of fixed capital (% of GNI)	9.0	11.1	9.3
Education expenditure (% of GNI)	3.6	3.6	2.6
Energy depletion (% of GNI)	0.0	11.7	9.8
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.0 0.0	1.5 0.5	0.9 0.8
CO ₂ damage (% of GNI)	0.0	0.5	0.8
Particulate emission damage (% of GNI)	1.6	0.4	0.7
Adjusted net savings (% of GNI)	6.5	-5.0	5.8

L36 2009 The Little Green Data Book



Population (thousands) 409 Land area (sq. km) 320 GDP (\$ billions)

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	16,680	37,572
Urban population (% of total)	94	78
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	1.0 0.8	1.0 0.7
Agriculture		
Agricultural land (% of land area)	31	38
Agricultural productivity (value added per worker, 2000 \$)		27,680
Food production index (1999-2001 = 100)	96	102
Population density, rural (people/sq. km of arable land)	287	323
Forests and biodiversity	0.0	00.0
Forest area (% of land area)	0.9	28.8 -0.1
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	14.1	-0.1 11.8
Animal species, total known	391	11.0
Animal species, total known Animal species, threatened	22	
Higher plant species, total known	914	
Higher plant species, threatened	3	
GEF benefits index for biodiversity (0-100, median is 1.5)	0.0	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	9.9	6.3
Energy use per capita (kg oil equivalent)	2,153	5,416
Energy from biomass products and waste (% of total)	0.0 4,970	3.4 9,675
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	100.0	62.0
Electricity generated by hydropower (% of total)	0.0	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per capita (metric tons)	6.3	12.6
CO ₂ emissions growth (%, 1990–2005)	14.3	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)		26
Transport sector fuel consumption per capita (liters)	489	1,159
Water and sanitation Internal freshwater resources per capita (cu. m)	123	9,313
Freshwater withdrawal	123	9,313
Total (% of internal resources)	100.0	10.4
Agriculture (% of total freshwater withdrawal)	20	43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)	100	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)		100
Rural (% of rural population)		99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)	 5	7
Under-five mortality rate (per 1,000 live births)	<u> </u>	
National accounting aggregates Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI)	14.0	14.5
Education expenditure (% of GNI)	4.6	4.6
Energy depletion (% of GNI)	0.0	1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)		0.0
CO ₂ damage (% of GNI)	0.2	0.3
Particulate emission damage (% of GNI)		0.3
Adjusted net savings (% of GNI)		8.5

Marshall Islands

Population (thousands) 58 Land area (sq. km)	180 GD	P (\$ millions	s) 149
	Country data	East Asia & Pacific group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	3,240		1,905
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	71 1.9	43 3.5	42 2.9
Population growth (average annual %, 1990-2007)	1.4	1.1	1.3
Agriculture			
Agricultural land (% of land area)	78		47
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	93	458 120	532 116
Population density, rural (people/sq. km of arable land)	837	547	511
Forests and biodiversity			
Forest area (% of land area)		28.4	
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)		-0.1 14.0	0.1 11.0
Animal species, total known	61	14.0	11.0
Animal species, threatened	85		
Higher plant species, total known	100		
Higher plant species, threatened			
GEF benefits index for biodiversity (0-100, median is 1.5)	1.3		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.4	3.9
Energy use per capita (kg oil equivalent)		1,258	1,019
Energy from biomass products and waste (% of total)		14.7	15.2
Electric power consumption per capita (kWh)		1,669	1,269
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)		82.0 15.0	79.0 16.3
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.9	
CO ₂ emissions per capita (metric tons)	1.5	3.6	2.8 93.5
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	76.9	123.4 69	93.5
Transport sector fuel consumption per capita (liters)		106	99
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal		4,948	4,117
Total (% of internal resources)		10.2	8.7
Agriculture (% of total freshwater withdrawal)		74	80
Access to improved water source (% of total population)		87	88
Rural (% of rural population) Urban (% of urban population)		81 96	82 96
Access to improved sanitation (% of total population)		66	55
Rural (% of rural population)		59	43
Urban (% of urban population)		75	71
Environment and health Acute resp. infection prevalence (% of children under five)			
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)			
Under-five mortality rate (per 1,000 live births)	54	27	50
National accounting aggregates		40.0	44.7
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	8.8	48.0 10.7	41.7 10.7
Education expenditure (% of GNI)	6.6		2.6
Energy depletion (% of GNI)	0.0	4.9	6.6
Mineral depletion (% of GNI)	0.0	1.3	1.2
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)		0.0 1.3	0.2 1.2
		1.3	1.1
Particulate emission damage (% of GNI)		T)	1.1

2000

Mauritania

Population (millions) **3.1** Land area (1,000 sq. km) **1,030.7** GDP (\$ billions) **2.6**

	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	840	951	574
Urban population (% of total)	41	36	32
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	2.9 2.8	4.0 2.6	3.7 2.4
Agriculture			
Agricultural land (% of land area)	39	44	39
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	356 105	287 109	330 112
Population density, rural (people/sq. km of arable land)	353	351	603
Forests and biodiversity			
Forest area (% of land area)	0.3	26.5	
Deforestation (average annual %, 1990–2005)	2.9	0.6 11.3	
Nationally protected area (% of land area) Animal species, total known	615	11.5	10.6
Animal species, total known Animal species, threatened	49		
Higher plant species, total known	1,100		
Higher plant species, threatened			
GEF benefits index for biodiversity (0-100, median is 1.5)	1.3		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.0	3.2
Energy use per capita (kg oil equivalent)		670	
Energy from biomass products and waste (% of total)		56.3	53.8
Electric power consumption per capita (kWh)		531	309
Electricity generated using fossil fuel (% of total)		65.6	
Electricity generated by hydropower (% of total)	••	18.0	38.8
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.5	0.4
CO ₂ emissions per capita (metric tons)	0.6	0.8	
CO ₂ emissions growth (%, 1990–2005)	-38.1	40.1	
Particulate matter (urban-popweighted avg., µg/cu. m)	86	53	69
Transport sector fuel consumption per capita (liters)		64	41
Water and sanitation Internal freshwater resources per capita (cu. m)	128	4,824	4,619
Freshwater withdrawal	120	4,024	4,013
Total (% of internal resources)	425.0	3.2	9.4
Agriculture (% of total freshwater withdrawal)	88	87	90
Access to improved water source (% of total population)	60	58	68
Rural (% of rural population) Urban (% of urban population)	54 70	46 81	60 84
Access to improved sanitation (% of total population)	24	31	39
Rural (% of rural population)	10	24	
Urban (% of urban population)	44	42	54
Environment and health	40.0		
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	10.0 18.3		
Under-five mortality rate (per 1,000 live births)	119	146	126
National accounting aggregates			
Gross savings (% of GNI)	28.0	17.4	25.4
Consumption of fixed capital (% of GNI)	8.9	11.1	
Education expenditure (% of GNI)	2.8	3.6	2.6
Energy depletion (% of GNI) Mineral depletion (% of GNI)	0.0 17.0	11.7 1.5	9.8 0.9
Net forest depletion (% of GNI)	0.5	0.5	0.9
CO ₂ damage (% of GNI)	0.8	0.7	0.7
Particulate emission damage (% of GNI)	2.3	0.4	0.7
Adjusted net savings (% of GNI)	1.2	-5.0	5.8

Mauritius

Population (millions) 1.3 Land area (1,000 sq. km)	2.0 GD	P (\$ billions	6.8
	Country data	Sub- Saharan Africa group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)	5,580	951	7,107
Urban population (% of total)	42 0.8	36 4.0	
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	1.0	2.6	
Agriculture			
Agricultural land (% of land area)	56	44	
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	5,338 106	287 109	2,947 113
Population density, rural (people/sq. km of arable land)	717	351	110
Forests and biodiversity			
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	18.2 0.4	26.5 0.6	
Nationally protected area (% of land area)	3.3	11.3	
Animal species, total known	151	11.0	10.0
Animal species, threatened	131		
Higher plant species, total known	750		
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	88 3.3		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.0	4.8
Energy use per capita (kg oil equivalent)		670	,
Energy from biomass products and waste (% of total)		56.3	
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)		531 65.6	- /
Electricity generated by hydropower (% of total)		18.0	
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.5	
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	2.7 133.1	0.8 40.1	
Particulate matter (urban-popweighted avg., µg/cu. m)	18	53	
Transport sector fuel consumption per capita (liters)		64	332
Water and sanitation	2 102	4 924	16 002
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	2,182	4,824	16,993
Total (% of internal resources)	26.4	3.2	13.8
Agriculture (% of total freshwater withdrawal)	68	87	57
Access to improved water source (% of total population) Rural (% of rural population)	100 100	58 46	
Urban (% of urban population)	100	81	98
Access to improved sanitation (% of total population)	94	31	
Rural (% of rural population) Urban (% of urban population)	94 95	24 42	
Environment and health	93	42	03
Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	 15	146	24
National accounting aggregates		110	
Gross savings (% of GNI)	19.7	17.4	23.2
Consumption of fixed capital (% of GNI)	11.8	11.1	12.8
Education expenditure (% of GNI)	3.4	3.6	
Energy depletion (% of GNI) Mineral depletion (% of GNI)	0.0	11.7 1.5	
Net forest depletion (% of GNI)	0.0	0.5	
CO ₂ damage (% of GNI)	0.4	0.7	
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)		0.4	0.4
	10.9	-5.0	4.9

140

Mayotte

Population (thousands) 186 Land area (sq. km)	374 GD	P (\$ millions	s) .
	Country data	Sub- Saharan Africa group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)		951	7,10
Urban population (% of total)		36	75
Urban population growth (average annual %, 1990–2007)		4.0	1.4
Population growth (average annual %, 1990-2007)		2.6	0.9
Agriculture			
Agricultural land (% of land area)	53	44	3
Agricultural productivity (value added per worker, 2000 \$)		287	2,94
Food production index (1999-2001 = 100)		109	113
Population density, rural (people/sq. km of arable land)		351	110
Forests and biodiversity			
Forest area (% of land area)	14.7	26.5	
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	1.2	0.6 11.3	
Animal species, total known		11.3	10.
Animal species, total known Animal species, threatened	68		
Higher plant species, total known			
Higher plant species, threatened	0		
GEF benefits index for biodiversity (0-100, median is 1.5)	0.3		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.0	4.8
Energy use per capita (kg oil equivalent)		670	2,30
Energy from biomass products and waste (% of total)		56.3	7.0
Electric power consumption per capita (kWh)		531	3,242
Electricity generated using fossil fuel (% of total)		65.6 18.0	62.8 27.0
Electricity generated by hydropower (% of total)	**	16.0	21.0
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.5	0.
CO ₂ emissions per capita (metric tons)		0.8 40.1	5.! -8.:
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)		53	-o
Transport sector fuel consumption per capita (liters)		64	332
Water and sanitation			
Internal freshwater resources per capita (cu. m)		4,824	16,99
Freshwater withdrawal		.,02.	10,00
Total (% of internal resources)		3.2	13.
Agriculture (% of total freshwater withdrawal)		87	5
Access to improved water source (% of total population)		58	9
Rural (% of rural population)		46	8:
Urban (% of urban population) Access to improved sanitation (% of total population)		81 31	9:
Rural (% of rural population)		24	6
Urban (% of urban population)		42	8
Environment and health Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five)			
Under-five mortality rate (per 1,000 live births)		146	2
National accounting aggregates Gross savings (% of GNI)		17.4	23.:
Consumption of fixed capital (% of GNI)		11.1	12.
Education expenditure (% of GNI)		3.6	4.
Energy depletion (% of GNI)		11.7	7.
Mineral depletion (% of GNI)		1.5	1.3
Net forest depletion (% of GNI)		0.5	0.0
CO ₂ damage (% of GNI)		0.7	0.
Particulate emission damage (% of GNI)		0.4	0.4
Adjusted net savings (% of GNI)		-5.0	4.9

Mexico

Population (millions) **105** Land area (1,000 sq. km) **1,944** GDP (\$ billions) **1,022.8**

	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	9,400		7,107
Urban population (% of total)	77 1.8		
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	1.8		1.4 0.9
Agriculture			
Agricultural land (% of land area)	55		
Agricultural productivity (value added per worker, 2000 \$)	2,821		
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	110 98		113 110
Forests and biodiversity			
Forest area (% of land area)	33.0		
Deforestation (average annual %, 1990–2005)	0.5		
Nationally protected area (% of land area) Animal species, total known	5.3 1,570		10.3
Animal species, total known Animal species, total known	636		
Higher plant species, total known	26,071		
Higher plant species, threatened	261		
GEF benefits index for biodiversity (0–100, median is 1.5)	68.7		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	7.7	7.3	4.8
Energy use per capita (kg oil equivalent)	1.702		
Energy from biomass products and waste (% of total)	4.6	,	
Electric power consumption per capita (kWh)	2,003	1,808	3,242
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	79.8 12.2		62.8 27.6
	12.2	31.3	27.0
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.3	0.5
CO ₂ emissions per capita (metric tons)	4.1		5.5
CO ₂ emissions growth (%, 1990–2005)	12.3		-8.3
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	36 486		30 332
	400	233	332
Water and sanitation Internal freshwater resources per capita (cu. m)	3,885	23,965	16,993
Freshwater withdrawal	, , , , , ,	-,	-,
Total (% of internal resources)	19.1		13.8
Agriculture (% of total freshwater withdrawal)	77		57
Access to improved water source (% of total population) Rural (% of rural population)	95 85		95 83
Urban (% of urban population)	98		98
Access to improved sanitation (% of total population)	81		83
Rural (% of rural population)	48	51	64
Urban (% of urban population)	91	86	89
Environment and health			
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	9.7		
Under-five mortality rate (per 1,000 live births)	35		24
National accounting aggregates			
Gross savings (% of GNI)	25.7		23.2
Consumption of fixed capital (% of GNI)	12.9 5.5		12.8 4.4
Education expenditure (% of GNI) Energy depletion (% of GNI)	5.5 6.9		4.4 7.6
Mineral depletion (% of GNI)	0.3		1.3
Net forest depletion (% of GNI)	0.0		0.0
CO ₂ damage (% of GNI)	0.4		0.6
Particulate emission damage (% of GNI)	0.4 10.3		0.4 4.9
Adjusted net savings (% of GNI)	10.3	6.7	4.9

142

Micronesia, Fed. Sts.

236

700 GDP (\$ millions) Population (thousands) 111 Land area (sq. km) Lower East Asia middle-Country & Pacific income data group group GNI per capita, World Bank Atlas method (\$) 2.280 2.182 1.905 Urban population (% of total) 22 43 42 Urban population growth (average annual %, 1990-2007) 0.0 3.5 2.9 Population growth (average annual %, 1990-2007) 0.8 1.3 1.1 Agriculture Agricultural land (% of land area) 44 47 51 Agricultural productivity (value added per worker, 2000 \$) 458 532 Food production index (1999-2001 = 100) 100 120 116 547 511 Population density, rural (people/sq. km of arable land) 2.851 Forests and biodiversity 90.6 28.4 25.0 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.0 -0.10.1 Nationally protected area (% of land area) 7.3 14.0 11.0 105 Animal species, total known Animal species, threatened 139 Higher plant species, total known 1.194 Higher plant species, threatened 5 GEF benefits index for biodiversity (0-100, median is 1.5) 2.6 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 3.4 3.9 Energy use per capita (kg oil equivalent) 1,258 1,019 Energy from biomass products and waste (% of total) 14.7 15.2 Electric power consumption per capita (kWh) 1,669 1,269 Electricity generated using fossil fuel (% of total) 82.0 79.0 16.3 Electricity generated by hydropower (% of total) 15.0 **Emissions and pollution** CO₂ emissions per unit of GDP (kg/2005 PPP \$) 0.9 0.8 CO₂ emissions per capita (metric tons) 2.8 3.6 CO_2 emissions growth (%, 1990–2005) 123.4 935 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 69 67 Transport sector fuel consumption per capita (liters) 106 99 Water and sanitation 4,948 Internal freshwater resources per capita (cu. m) 4,117 Freshwater withdrawal Total (% of internal resources) 10.2 87 Agriculture (% of total freshwater withdrawal) 80 74 94 87 88 Access to improved water source (% of total population) Rural (% of rural population) 94 81 82 Urban (% of urban population) 95 96 96 Access to improved sanitation (% of total population) 25 66 55 Rural (% of rural population) 14 59 43 Urban (% of urban population) 61 75 71

Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 40 27 50 National accounting aggregates Gross savings (% of GNI) 48.0 41.7 Consumption of fixed capital (% of GNI) 10.7 10.7 98 Education expenditure (% of GNI) 2.1 2.6 Energy depletion (% of GNI) 0.0 4.9 6.6

Environment and health

Acute resp. infection prevalence (% of children under five)

Mineral depletion (% of GNI) 0.0 1.3 1.2 Net forest depletion (% of GNI) 0.0 0.2 1.2 CO₂ damage (% of GNI) 1.3 Particulate emission damage (% of GNI) 1.3 1.1 30.6 23.5 Adjusted net savings (% of GNI)

Moldova

Population (millions) 3.8 Land area (1,000 sq. km)	32.9 GD	P (\$ billions) 4.4
	Country data	Europe & Central Asia group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	1,210		
Urban population (% of total)	42		
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	-1.5 -0.8		2.9 1.3
Agriculture			
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	77 891		47 532
Food production index (1999–2001 = 100)	119	,	
Population density, rural (people/sq. km of arable land)	120		511
Forests and biodiversity			
Forest area (% of land area)	10.0 -0.2		
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	-0.2 1.4		11.0
Animal species, total known	253		1110
Animal species, threatened	27		
Higher plant species, total known	1,752		
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	0.0		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	2.6		
Energy use per capita (kg oil equivalent)	884	,	,
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)	2.2 1.516		
Electricity generated using fossil fuel (% of total)	97.5		79.0
Electricity generated by hydropower (% of total)	2.0		16.3
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.9 2.1		
CO ₂ emissions growth (%, 1990–2005)	-66.2		
Particulate matter (urban-popweighted avg., µg/cu. m)	36		67
Transport sector fuel consumption per capita (liters)	78	255	99
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	263	11,806	4,117
Total (% of internal resources)	231.0	7.2	8.7
Agriculture (% of total freshwater withdrawal)	33		
Access to improved water source (% of total population)	90 85		88 82
Rural (% of rural population) Urban (% of urban population)	96		96
Access to improved sanitation (% of total population)	79		
Rural (% of rural population)	73 85		43 71
Urban (% of urban population)	00	94	/1
Environment and health Acute resp. infection prevalence (% of children under five)	7.0		
Diarrhea prevalence (% of children under five)	7.4		
Under-five mortality rate (per 1,000 live births)	18	23	50
National accounting aggregates Gross savings (% of GNI)	20.4	24.0	41.7
Consumption of fixed capital (% of GNI)	8.8		
Education expenditure (% of GNI)	6.6	4.0	2.6
Energy depletion (% of GNI)	0.0		
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.0 0.1		
CO ₂ damage (% of GNI)	1.4		
Particulate emission damage (% of GNI)	0.6		
Adjusted net savings (% of GNI)	16.0	3.2	23.5

Monaco

Population (thousands) 33 Land area (sq. km) 2 GDP (\$ millions)

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)		37,572
Urban population (% of total)	100	78
Urban population growth (average annual %, 1990–2007)		1.0
Population growth (average annual %, 1990–2007)		0.7
Agriculture		0.0
Agricultural land (% of land area)		38
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)		27,680 102
Population density, rural (people/sq. km of arable land)		323
Forests and biodiversity		
Forest area (% of land area)		28.8
Deforestation (average annual %, 1990-2005)		-0.1
Nationally protected area (% of land area)		11.8
Animal species, total known	16	
Animal species, threatened	14	
Higher plant species, total known		
Higher plant species, threatened	0 0.0	
GEF benefits index for biodiversity (0-100, median is 1.5)	0.0	
Energy CDD per unit of energy uses (2005 DDD \$ /kg ail aguivalent)		6.3
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)		5.416
Energy from biomass products and waste (% of total)		3,410
Electric power consumption per capita (kWh)		9.675
Electricity generated using fossil fuel (% of total)		62.0
Electricity generated by hydropower (% of total)		11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.4
CO ₂ emissions per capita (metric tons)		12.6
CO ₂ emissions growth (%, 1990–2005)		19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)		26 1,159
		1,100
Water and sanitation		9,313
Internal freshwater resources per capita (cu. m) Freshwater withdrawal		9,515
Total (% of internal resources)	-	10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)		100
Rural (% of rural population)		98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)		100
Rural (% of rural population)		99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		-
Under-five mortality rate (per 1,000 live births)	4	7
National accounting aggregates		00.0
Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)		14.5 4.6
Energy depletion (% of GNI)		4.c 1.5
Mineral depletion (% of GNI)		0.2
Net forest depletion (% of GNI)		0.0
CO ₂ damage (% of GNI)		0.3
		5.0
Particulate emission damage (% of GNI)		0.3

Mongolia

2.6 Land area (1,000 sq. km) 1,566.5 GDP (\$ billions) Population (millions) 3.9 Lower East Asia middle-Country & Pacific income data group group GNI per capita, World Bank Atlas method (\$) 1.290 2.182 1.905 Urban population (% of total) 57 43 42 Urban population growth (average annual %, 1990-2007) 1.3 3.5 2.9 Population growth (average annual %, 1990-2007) 1.3 1.3 1.1 Agriculture Agricultural land (% of land area) 47 83 51 Agricultural productivity (value added per worker, 2000 \$) 1,030 458 532 Food production index (1999-2001 = 100) 74 120 116 95 547 511 Population density, rural (people/sq. km of arable land) Forests and biodiversity 28.4 25.0 Forest area (% of land area) 6.5 Deforestation (average annual %, 1990-2005) 0.8 -0.10.1 Nationally protected area (% of land area) 13.9 14.0 11.0 527 Animal species, total known Animal species, threatened 36 2.823 Higher plant species, total known Higher plant species, threatened 0 4.2 GEF benefits index for biodiversity (0-100, median is 1.5) GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 2.6 3.4 3.9 Energy use per capita (kg oil equivalent) 1,080 1,258 1,019 Energy from biomass products and waste (% of total) 3.8 14.7 15.2 Electric power consumption per capita (kWh) 1,298 1,669 1,269 Electricity generated using fossil fuel (% of total) 100.0 82.0 79.0 16.3 Electricity generated by hydropower (% of total) 0.0 15.0 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 1.3 0.9 0.8 CO₂ emissions per capita (metric tons) 3.4 2.8 3.6 CO_2 emissions growth (%, 1990–2005) -12.0123.4 935 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 110 69 67 Transport sector fuel consumption per capita (liters) 106 166 99 Water and sanitation 4,948 4,117 Internal freshwater resources per capita (cu. m) 13,341 Freshwater withdrawal Total (% of internal resources) 1.3 10.2 87 Agriculture (% of total freshwater withdrawal) 80 52 74 72 87 88 Access to improved water source (% of total population) Rural (% of rural population) 48 81 82 Urban (% of urban population) 90 96 96 Access to improved sanitation (% of total population) 50 66 55 Rural (% of rural population) 31 59 43 Urban (% of urban population) 64 75 71 **Environment and health** Acute resp. infection prevalence (% of children under five) 2.0 Diarrhea prevalence (% of children under five) 8.0 Under-five mortality rate (per 1,000 live births) 43 27 50 National accounting aggregates Gross savings (% of GNI) 42.5 48.0 41.7 Consumption of fixed capital (% of GNI) 10.3 10.7 10.7 Education expenditure (% of GNI) 4.6 2.1 2.6 Energy depletion (% of GNI) 2.5 4.9 6.6 Mineral depletion (% of GNI) 14.0 1.3 1.2 Net forest depletion (% of GNI) 0.0 0.0 0.2 2.2 1.2 CO₂ damage (% of GNI) 1.3 Particulate emission damage (% of GNI) 2.0 1.3 1.1

146 2009 Th

Adjusted net savings (% of GNI)

2009 The Little Green Data Book

30.6

16.3

23.5

Montenegro

14 GDP (\$ billions) Population (thousands) 599 Land area (1,000 sq. km) Europe & Upper Central middle-Country Asia income data group group GNI per capita, World Bank Atlas method (\$) 5.270 6.052 7.107 Urban population (% of total) 61 64 75 Urban population growth (average annual %, 1990-2007) 1.5 0.2 1.4 Population growth (average annual %, 1990-2007) 0.9 0.10.1 Agriculture Agricultural land (% of land area) 28 31 Agricultural productivity (value added per worker, 2000 \$) 2,228 2,947 Food production index (1999-2001 = 100) 110 113 Population density, rural (people/sq. km of arable land) 129 110 Forests and biodiversity 38.3 39.3 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.2 0.0 Nationally protected area (% of land area) 6.1 10.3 Animal species, total known Animal species, threatened 52 Higher plant species, total known Higher plant species, threatened 0 GEF benefits index for biodiversity (0-100, median is 1.5) 0.0 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 4.8 3.5 Energy use per capita (kg oil equivalent) 2,930 2,300 Energy from biomass products and waste (% of total) 2.2 7.0 Electric power consumption per capita (kWh) 3,835 3,242 Electricity generated using fossil fuel (% of total) 67.7 62.8 Electricity generated by hydropower (% of total) 17.4 27.6 **Emissions and pollution** CO₂ emissions per unit of GDP (kg/2005 PPP \$) 0.7 0.5 CO₂ emissions per capita (metric tons) 7.0 5.5 CO_2 emissions growth (%, 1990–2005) -29.3-8.3 27 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 30 Transport sector fuel consumption per capita (liters) 255 332 Water and sanitation 11,806 16,993 Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) 72 13.8 Agriculture (% of total freshwater withdrawal) 60 57 98 95 95 Access to improved water source (% of total population) Rural (% of rural population) 96 88 83 Urban (% of urban population) 100 99 98 Access to improved sanitation (% of total population) 91 89 83 Rural (% of rural population) 86 79 64 Urban (% of urban population) 96 94 89 **Environment and health** Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 10 23 24 National accounting aggregates Gross savings (% of GNI) 24.0 23.2 Consumption of fixed capital (% of GNI) 12.8 12.8 Education expenditure (% of GNI) 4.0 4.4 Energy depletion (% of GNI) 9.8 7.6 Mineral depletion (% of GNI) 0.7 1.3 Net forest depletion (% of GNI) 0.0 0.0 CO₂ damage (% of GNI) 1.0 0.6 Particulate emission damage (% of GNI) 0.5 0.4 3.2 4.9 Adjusted net savings (% of GNI)

Morocco

Population (millions) 31 Land area (1,000 sq. km)	446 GD	P (\$ billions	75.1
	Country data	Middle East & N. Africa group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	2,290	2,820	1,905
Urban population (% of total)	56	57	42
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	2.3 1.4	2.6 2.0	
Agriculture Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	68 1,623 117 160	22 2,313 116 665	532
Forests and biodiversity			
Forest area (% of land area)	9.8		
Deforestation (average annual %, 1990–2005)	-0.1		
Nationally protected area (% of land area)	1.1 559	3.6	11.0
Animal species, total known Animal species, threatened	80		
Higher plant species, total known	3,675		
Higher plant species, threatened	2		
GEF benefits index for biodiversity (0–100, median is 1.5)	3.5		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	8.3	5.0	
Energy use per capita (kg oil equivalent)	458 3.2	1,254 1.2	
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)	685	1,418	
Electricity generated using fossil fuel (% of total)	92.3		
Electricity generated by hydropower (% of total)	6.9	7.4	16.3
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.4	0.6	
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	1.6 104.4	3.7 96.8	
Particulate matter (urban-popweighted avg., µg/cu. m)	21	72	
Transport sector fuel consumption per capita (liters)	23	277	99
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	940	728	4,117
Total (% of internal resources)	43.4	122.3	8.7
Agriculture (% of total freshwater withdrawal)	87	86	80
Access to improved water source (% of total population)	83	89	88
Rural (% of rural population)	58		82
Urban (% of urban population) Access to improved sanitation (% of total population)	100 72	95 77	96 55
Rural (% of rural population)	54		
Urban (% of urban population)	85	88	
Environment and health			
Acute resp. infection prevalence (% of children under five)	12.0		
Diarrhea prevalence (% of children under five)	10.4		
Under-five mortality rate (per 1,000 live births)	34	38	50
National accounting aggregates	22.0	22.2	/11 7
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	32.8 10.9		
Education expenditure (% of GNI)	5.2		
Energy depletion (% of GNI)	0.0		
Mineral depletion (% of GNI)	1.0		
Net forest depletion (% of GNI)	0.0		
CO ₂ damage (% of GNI)	0.5		
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)	0.1 25.6		
nujustau nat savings (/o oi aivi)	20.0	3.4	23.

149 2000

Mozambique

786 GDP (\$ billions) Population (millions) 21 Land area (1,000 sq. km) Sub-Saharan Low-Country Africa income data group group GNI per capita, World Bank Atlas method (\$) 330 951 574 36 Urban population (% of total) 36 32 3.7 Urban population growth (average annual %, 1990-2007) 5.8 4.0 Population growth (average annual %, 1990-2007) 2.7 2.6 2.4 Agriculture Agricultural land (% of land area) 62 39 44 Agricultural productivity (value added per worker, 2000 \$) 154 287 330 Food production index (1999-2001 = 100) 107 109 112 Population density, rural (people/sq. km of arable land) 306 351 603 Forests and biodiversity 24.5 26.5 24.7 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.6 0.3 0.7 5.8 Nationally protected area (% of land area) 11.3 10.8 Animal species, total known 913 Animal species, threatened 143 5.692 Higher plant species, total known Higher plant species, threatened 46 GEF benefits index for biodiversity (0-100, median is 1.5) 7.2 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 1.7 3.0 3.2 Energy use per capita (kg oil equivalent) 420 670 478 Energy from biomass products and waste (% of total) 81.6 56.3 53.8 Electric power consumption per capita (kWh) 461 531 309 Electricity generated using fossil fuel (% of total) 0.1 65.6 48.4 99.9 18.0 38.8 Electricity generated by hydropower (% of total) **Emissions and pollution** CO₂ emissions per unit of GDP (kg/2005 PPP \$) 0.1 0.5 0.4 CO₂ emissions per capita (metric tons) 0.09 0.85 0.58 CO_2 emissions growth (%, 1990–2005) 88.6 40.1 393 53 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 28 69 Transport sector fuel consumption per capita (liters) 20 64 41

Water and sanitation			
Internal freshwater resources per capita (cu. m)	4,693	4,824	4,619
Freshwater withdrawal			
Total (% of internal resources)	0.6	3.2	9.4
Agriculture (% of total freshwater withdrawal)	87	87	90
Access to improved water source (% of total population)	42	58	68
Rural (% of rural population)	26	46	60
Urban (% of urban population)	71	81	84
Access to improved sanitation (% of total population)	31	31	39
Rural (% of rural population)	19	24	33
Urban (% of urban population)	53	42	54
Environment and health			
Acute resp. infection prevalence (% of children under five)	10.0		
Diarrhea prevalence (% of children under five)	20.7		

Under-five mortality rate (per 1,000 live births) 168 146 126 National accounting aggregates Gross savings (% of GNI) 3.1 17.4 25.4 Consumption of fixed capital (% of GNI) 8.9 9.3 11 1 Education expenditure (% of GNI) 3.8 3.6 2.6 Energy depletion (% of GNI) 7.1 9.8 11.7 Mineral depletion (% of GNI) 0.0 1.5 0.9 Net forest depletion (% of GNI) 0.6 0.5 0.8 0.2 0.7 0.7 CO₂ damage (% of GNI) 0.2 Particulate emission damage (% of GNI) 0.4 0.7 -10.2-5.0 Adjusted net savings (% of GNI) 5.8

The Little Green Data Book 2009

Myanmar

Population (millions) 49 Land area (1,000 sq. km) 658 GDP (\$ billions)

	Country data	East Asia & Pacific group	Low- income group
GNI per capita, World Bank Atlas method (\$)		2,182	574
Urban population (% of total) Urban population growth (average annual %, 1990-2007)	32 2.6	43 3.5	32 3.7
Population growth (average annual %, 1990–2007)	1.1	1.1	2.4
Agriculture			
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	17	51 458	39 330
Food production index (1999–2001 = 100)	124		112
Population density, rural (people/sq. km of arable land)	331	547	603
Forests and biodiversity	10.0	00.4	047
Forest area (% of land area) Deforestation (average annual %, 1990-2005)	49.0 1.3		24.7 0.7
Nationally protected area (% of land area)	5.4		
Animal species, total known	1,335		
Animal species, threatened	189		
Higher plant species, total known	7,000		
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	38 10.0		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	2.9	3.4	
Energy use per capita (kg oil equivalent)	295	,	478
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)	72.1 93		53.8 309
Electricity generated using fossil fuel (% of total)	46.1	,	48.4
Electricity generated by hydropower (% of total)	53.9	15.0	38.8
Emissions and pollution	0.0	0.0	0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.3 0.2		0.4
CO ₂ emissions growth (%, 1990–2005)	165.3		39.3
Particulate matter (urban-popweighted avg., µg/cu. m)	58		69
Transport sector fuel consumption per capita (liters)	28	106	41
Water and sanitation Internal freshwater resources per capita (cu. m)	18,051	4,948	4,619
Freshwater withdrawal	10,031	4,340	4,013
Total (% of internal resources)	3.8		9.4
Agriculture (% of total freshwater withdrawal)	98		90
Access to improved water source (% of total population) Rural (% of rural population)	80 80		68 60
Urban (% of urban population)	80		84
Access to improved sanitation (% of total population)	82		39
Rural (% of rural population)	81	59	33
Urban (% of urban population)	85	75	54
Environment and health Acute resp. infection prevalence (% of children under five)	2.0		
Diarrhea prevalence (% of children under five)	2.0		
Under-five mortality rate (per 1,000 live births)	103	27	126
National accounting aggregates		40.0	05.4
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)		48.0 10.7	25.4 9.3
Education expenditure (% of GNI)		2.1	2.6
Energy depletion (% of GNI)		4.9	9.8
Mineral depletion (% of GNI)		1.3	0.9
Net forest depletion (% of GNI)		0.0 1.3	0.8 0.7
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)		1.3	0.7
Adjusted net savings (% of GNI)		30.6	5.8
Adjusted net savings (% of GNI)		30.6	5.8

150

Namibia

Population (millions) 2.1 Land area (1,000 sq. km) 823.3 GDP (\$ billions) Sub-Lower Saharan middle-Country Africa income data group group GNI per capita, World Bank Atlas method (\$) 3,450 951 1.905 36 Urban population (% of total) 36 42 2.9 Urban population growth (average annual %, 1990-2007) 3.8 4.0 Population growth (average annual %, 1990-2007) 2.3 2.6 1.3 Agriculture Agricultural land (% of land area) 47 47 44 1,134 Agricultural productivity (value added per worker, 2000 \$) 287 532 Food production index (1999-2001 = 100) 109 116 Population density, rural (people/sq. km of arable land) 351 511 161 Forests and biodiversity 9.3 26.5 25.0 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.9 0.6 0.1 Nationally protected area (% of land area) 5.2 11.3 11.0 Animal species, total known 811 Animal species, threatened 58 3.174 Higher plant species, total known Higher plant species, threatened 24 GEF benefits index for biodiversity (0-100, median is 1.5) 5.2 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 6.5 3.0 3.9 Energy use per capita (kg oil equivalent) 721 670 1,019 Energy from biomass products and waste (% of total) 12.7 56.3 15.2 Electric power consumption per capita (kWh) 1,546 531 1,269 Electricity generated using fossil fuel (% of total) 5.9 65.6 79.0 16.3 Electricity generated by hydropower (% of total) 94.1 18.0 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.3 0.5 0.8 CO₂ emissions per capita (metric tons) 1.3 0.8 2.8 34,750.0 CO_2 emissions growth (%, 1990–2005) 40.1 93 5 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 47 53 67 Transport sector fuel consumption per capita (liters) 297 64 99 Water and sanitation 4,824 4,117 Internal freshwater resources per capita (cu. m) 2,961 Freshwater withdrawal Total (% of internal resources) 49 32 87 Agriculture (% of total freshwater withdrawal) 71 87 80 93 58 88 Access to improved water source (% of total population) Rural (% of rural population) 90 46 82 Urban (% of urban population) 99 81 96 Access to improved sanitation (% of total population) 35 31 55 Rural (% of rural population) 18 24 43 Urban (% of urban population) 66 42 71 **Environment and health** Acute resp. infection prevalence (% of children under five) 18.0 Diarrhea prevalence (% of children under five) 20.6 Under-five mortality rate (per 1,000 live births) 68 146 50 National accounting aggregates Gross savings (% of GNI) 40.3 17.4 41.7 Consumption of fixed capital (% of GNI) 11.3 10.7 11 1 Education expenditure (% of GNI) 7.3 3.6 2.6 Energy depletion (% of GNI) 0.0 6.6 11.7 Mineral depletion (% of GNI) 4.2 1.5 1.2 Net forest depletion (% of GNI) 0.0 0.5 0.2 1.2 0.3 CO₂ damage (% of GNI) 0.7 Particulate emission damage (% of GNI) 0.1 0.4 1.1 23.5 Adjusted net savings (% of GNI) 31.7 -5.0

Nepal

Population (millions) **28** Land area (1,000 sq. km) **143** GDP (\$ billions) **10.3**

	Country data	South Asia group	Low- income group
GNI per capita, World Bank Atlas method (\$)	350	880	574
Urban population (% of total)	17	29	32
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	6.0 2.3	2.7 1.8	3.7 2.4
Agriculture			
Agricultural land (% of land area)	30	55	39
Agricultural productivity (value added per worker, 2000 \$)		417	330
Food production index (1999–2001 = 100)	114	107	112
Population density, rural (people/sq. km of arable land)	968	617	603
Forests and biodiversity	25.4	16.8	24.7
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	1.9	-0.1	0.7
Nationally protected area (% of land area)	16.0	5.6	10.8
Animal species, total known			
Animal species, threatened	74		
Higher plant species, total known	6,973		
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	7 2.1		
	2.1		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	2.9	4.8	3.2
Energy use per capita (kg oil equivalent)	340	468	478
Energy from biomass products and waste (% of total)	86.2	30.4	53.8
Electric power consumption per capita (kWh)	80	453	309
Electricity generated using fossil fuel (% of total)	0.4 99.6	78.3 17.4	48.4 38.8
Electricity generated by hydropower (% of total)	99.0	17.4	30.0
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.1	0.5	0.4
CO ₂ emissions per capita (metric tons)	0.1	1.1	0.4
CO ₂ emissions growth (%, 1990–2005)	395.9	106.7	39.3
Particulate matter (urban-popweighted avg., µg/cu. m)	34	78	69
Transport sector fuel consumption per capita (liters)	11	33	41
Water and sanitation	7.054	4 400	4.040
Internal freshwater resources per capita (cu. m)	7,051	1,196	4,619
Freshwater withdrawal Total (% of internal resources)	5.1	51.7	9.4
Agriculture (% of total freshwater withdrawal)	96	89	90
Access to improved water source (% of total population)	89	87	68
Rural (% of rural population)	88	84	60
Urban (% of urban population)	94	94	84
Access to improved sanitation (% of total population)	27 24	33 23	39 33
Rural (% of rural population) Urban (% of urban population)	45	23 57	54
Environment and health Acute resp. infection prevalence (% of children under five)	23.0		
Diarrhea prevalence (% of children under five)	27.5		
Under-five mortality rate (per 1,000 live births)	55	78	126
National accounting aggregates			
Gross savings (% of GNI)	28.2	36.2	25.4
Consumption of fixed capital (% of GNI)	8.0	9.5	9.3
Education expenditure (% of GNI)	2.4	3.0	2.6
Energy depletion (% of GNI) Mineral depletion (% of GNI)	0.0	2.7 0.6	9.8 0.9
Net forest depletion (% of GNI)	4.4	0.6	0.9
	0.2	1.0	0.7
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)			0.7 0.7 5.8

Netherlands

Population (millions) 16 Land area (1,000 sq. km) 34 GDP (\$ billions) 765.8

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	45,650	37,572
Urban population (% of total)	81	78
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	1.5 0.5	1.0 0.7
Agriculture	0.5	0.7
Agricultural land (% of land area)	57	38
Agricultural productivity (value added per worker, 2000 \$)	44,232	27,680
Food production index (1999-2001 = 100)	93	102
Population density, rural (people/sq. km of arable land)	356	323
Forests and biodiversity	10.0	20.0
Forest area (% of land area)	10.8 -0.4	28.8 -0.1
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	-0.4 12.7	11.8
Animal species, total known	539	11.0
Animal species, total known Animal species, threatened	23	
Higher plant species, total known	1,221	
Higher plant species, threatened	0	
GEF benefits index for biodiversity (0-100, median is 1.5)	0.2	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	7.3	6.3
Energy use per capita (kg oil equivalent)	4,901	5,416
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)	3.3 7,055	3.4 9,675
Electricity generated using fossil fuel (% of total)	86.7	62.0
Electricity generated by hydropower (% of total)	0.1	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.4
CO ₂ emissions per capita (metric tons)	7.7	12.6
CO ₂ emissions growth (%, 1990–2005)	-10.0	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	34 792	26 1,159
	132	1,133
Water and sanitation Internal freshwater resources per capita (cu. m)	672	9,313
Freshwater withdrawal	072	3,313
Total (% of internal resources)	72.2	10.4
Agriculture (% of total freshwater withdrawal)	34	43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)	100	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	100	100
Rural (% of rural population)	100	99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	 5	7
National accounting aggregates		
Gross savings (% of GNI)	27.6	20.6
Consumption of fixed capital (% of GNI)	14.6	14.5
Education expenditure (% of GNI)	4.8	4.6
Energy depletion (% of GNI)	1.4	1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI)	0.1	0.3
Particulate emission damage (% of GNI)	0.6 15.6	0.3 8.5
Adjusted net savings (% of GNI)	0.01	გ.5

Netherlands Antilles

Population (thousands) 191 Land area (sq. km) 800 GDP (\$ millions)

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)		37,572
Urban population (% of total)	92	78
Urban population growth (average annual %, 1990-2007)	0.5	1.0
Population growth (average annual %, 1990-2007)	0.0	0.7
Agriculture Agricultural land (% of land area)	10	38
Agricultural rand (% of fand area) Agricultural productivity (value added per worker, 2000 \$)		27,680
Food production index (1999–2001 = 100)	107	102
Population density, rural (people/sq. km of arable land)	189	323
Forests and biodiversity		
Forest area (% of land area)	1.5	28.8
Deforestation (average annual %, 1990–2005)	0.0 0.3	-0.1 11.8
Nationally protected area (% of land area) Animal species, total known	300	11.0
Animal species, total known Animal species, threatened	37	
Higher plant species, total known		
Higher plant species, threatened	2	
GEF benefits index for biodiversity (0–100, median is 1.5)	0.2	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	0.161	6.3 5,416
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	9,161 0.0	3,410
Electric power consumption per capita (kWh)	5.656	9.675
Electricity generated using fossil fuel (% of total)	100.0	62.0
Electricity generated by hydropower (% of total)	0.0	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.4
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	20.9 223.8	12.6 19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	30	26
Transport sector fuel consumption per capita (liters)	2,916	1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)		9,313
Freshwater withdrawal		
Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)		43 100
Rural (% of rural population)	••	98
Urban (% of urban population)		100
Access to improved sanitation (% of total population)		100
Rural (% of rural population)		99
Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	••	7
	••	- 1
National accounting aggregates Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI)		14.5
Education expenditure (% of GNI)		4.6
		1.5
		0.2
Mineral depletion (% of GNI)		
Mineral depletion (% of GNI) Net forest depletion (% of GNI)		
Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI) CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)		0.0 0.3 0.3

154

New Caledonia

Population (thousands) **242** Land area (1,000 sq. km)

18 GDP (\$ billions)

2.7

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	14,020 64	37,572 78
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	2.6 2.2	1.0 0.7
Agriculture Agricultural land (% of land area)	14	38
Agricultural productivity (value added per worker, 2000 \$)	14	27,680
Food production index (1999–2001 = 100)	103	102
Population density, rural (people/sq. km of arable land)	1,418	323
Forests and biodiversity	20.0	00.0
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	39.2 0.0	28.8 -0.1
Nationally protected area (% of land area)	7.1	11.8
Animal species, total known	178	11.0
Animal species, threatened	137	
Higher plant species, total known	3,250	
Higher plant species, threatened	218	
GEF benefits index for biodiversity (0–100, median is 1.5)	8.5	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)		5,416
Energy from biomass products and waste (% of total)		3.4
Electric power consumption per capita (kWh)		9,675
Electricity generated using fossil fuel (% of total)		62.0
Electricity generated by hydropower (% of total)		11.4
Emissions and pollution		0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	11.3	0.4 12.6
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	63.6	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	69	26
Transport sector fuel consumption per capita (liters)		1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m) Freshwater withdrawal		9,313
Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)		100
Rural (% of rural population)		98
Urban (% of urban population)		100
Access to improved sanitation (% of total population) Rural (% of rural population)		100 99
Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)		7
National accounting aggregates		
Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)		14.5 4.6
Education experiature (% of GNI) Energy depletion (% of GNI)		1.5
Mineral depletion (% of GNI)		0.2
Net forest depletion (% of GNI)		0.0
CO ₂ damage (% of GNI)		0.3
Particulate emission damage (% of GNI)		0.3
Adjusted net savings (% of GNI)		8.5

The Little Green Data Book 2009

New Zealand

Population (millions) **4.2** Land area (1,000 sq. km) **267.7** GDP (\$ billions) **135.7**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	27,080	37,572
Urban population (% of total)	86	78
Urban population growth (average annual %, 1990-2007)	1.3 1.2	1.0 0.7
Population growth (average annual %, 1990-2007)	1.2	0.7
Agriculture Agricultural land (% of land area)	65	38
Agricultural productivity (value added per worker, 2000 \$)	28,271	27,680
Food production index (1999-2001 = 100)	116	102
Population density, rural (people/sq. km of arable land)	38	323
Forests and biodiversity Forest area (% of land area)	31.0	28.8
Deforestation (average annual %, 1990–2005)	-0.5	-0.1
Nationally protected area (% of land area)	24.2	11.8
Animal species, total known	424	
Animal species, threatened	122	
Higher plant species, total known	2,382	
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	21 20.2	
	20.2	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	5.9	6.3
Energy use per capita (kg oil equivalent)	4,192	5,416
Energy from biomass products and waste (% of total)	6.0	3.4
Electric power consumption per capita (kWh)	9,646	9,675 62.0
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	35.2 53.9	11.4
	00.0	
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per capita (metric tons)	7.2	12.6
CO ₂ emissions growth (%, 1990–2005)	33.4	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	14	26 1 150
Transport sector fuel consumption per capita (liters)	1,196	1,159
Water and sanitation Internal freshwater resources per capita (cu. m)	77,336	9,313
Freshwater withdrawal	11,550	9,515
Total (% of internal resources)	0.6	10.4
Agriculture (% of total freshwater withdrawal)	42	43
Access to improved water source (% of total population)		100
Rural (% of rural population)	100	98 100
Urban (% of urban population) Access to improved sanitation (% of total population)	100	100
Rural (% of rural population)		99
Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		7
Under-five mortality rate (per 1,000 live births)	6	7
National accounting aggregates		20.6
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	 15.5	14.5
Education expenditure (% of GNI)	6.7	4.6
Energy depletion (% of GNI)	1.3	1.5
Mineral depletion (% of GNI)	0.2	0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI)	0.2 0.0	0.3
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)	0.0	8.5
		0.5

156

Nicaragua

Population (millions) 5.6 Land area (1,000 sq. km) 121.4 GDP (\$ billions) 5.7

	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	990	-,	1,905
Urban population (% of total) Urban population growth (average annual %, 1990-2007)	56 2.2		
Population growth (average annual %, 1990–2007)	1.8		1.3
Agriculture			
Agricultural land (% of land area)	44		
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	2,172 128	,	532 116
Population density, rural (people/sq. km of arable land)	125		511
Forests and biodiversity			
Forest area (% of land area)	42.7		
Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area)	1.5 17.6		0.1 11.0
Animal species, total known	813		11.0
Animal species, threatened	72		
Higher plant species, total known	7,590		
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	39 3.3		
	3.3		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	3.8	7.3	3.9
Energy use per capita (kg oil equivalent)	624		
Energy from biomass products and waste (% of total)	52.2		
Electric power consumption per capita (kWh)	426		
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	72.2 12.5		16.3
Emissions and pollution	12.0	01.0	10.0
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3		0.8
CO ₂ emissions per capita (metric tons)	0.7		2.8
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	47.9 28		93.5 67
Transport sector fuel consumption per capita (liters)	100		99
Water and sanitation			
Internal freshwater resources per capita (cu. m)	33,854	23,965	4,117
Freshwater withdrawal Total (% of internal resources)	0.7	2.0	8.7
Agriculture (% of total freshwater withdrawal)	83		80
Access to improved water source (% of total population)	79		88
Rural (% of rural population)	63		82
Urban (% of urban population) Access to improved sanitation (% of total population)	90 48		96 55
Rural (% of rural population)	34		43
Urban (% of urban population)	57	86	71
Environment and health			
Acute resp. infection prevalence (% of children under five)	31.0 14.0		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	35		50
National accounting aggregates			
Gross savings (% of GNI)	14.6	22.9	41.7
Consumption of fixed capital (% of GNI)	9.7	12.6	10.7
Education expenditure (% of GNI)	3.0		2.6
Energy depletion (% of GNI) Mineral depletion (% of GNI)	0.0 0.7		6.6 1.2
Net forest depletion (% of GNI)	0.7		
CO ₂ damage (% of GNI)	0.6		1.2
Particulate emission damage (% of GNI)	0.1		1.1
Adjusted net savings (% of GNI)	6.5	6.7	23.5

Niger

Population (millions) 14 Land area (1,000 sq. km)	1,267 GD	P (\$ billions)	4.2
	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	280	951	574
Urban population (% of total)	16 3.9	36 4.0	32 3.7
Urban population growth (average annual %, 1990–2007 Population growth (average annual %, 1990–2007)	3.5	2.6	2.4
Agriculture	00		
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$	30) 157	44 287	39 330
Food production index (1999–2001 = 100)	102	109	112
Population density, rural (people/sq. km of arable land)	77	351	603
Forests and biodiversity	1.0	2C F	04.7
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	1.0 2.8	26.5 0.6	
Nationally protected area (% of land area)	6.6	11.3	10.8
Animal species, total known	616		
Animal species, threatened Higher plant species, total known	19 1,460		
Higher plant species, total known Higher plant species, threatened	1,400		
GEF benefits index for biodiversity (0–100, median is 1.5)	0.9		
Energy	`	2.0	2.2
GDP per unit of energy use (2005 PPP \$/kg oil equivalent Energy use per capita (kg oil equivalent)		3.0 670	3.2 478
Energy from biomass products and waste (% of total)		56.3	53.8
Electric power consumption per capita (kWh)		531	309
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)		65.6 18.0	48.4 38.8
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.1	0.5	0.4
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	0.08 1.0	0.85 40.1	0.58 39.3
Particulate matter (urban-popweighted avg., µg/cu. m)	132	53	69
Transport sector fuel consumption per capita (liters)		64	41
Water and sanitation Internal freshwater resources per capita (cu. m)	247	4,824	4,619
Freshwater withdrawal	241	4,024	4,013
Total (% of internal resources)	62.3	3.2	9.4
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	95 42	87 58	90 68
Rural (% of rural population)	32	46	60
Urban (% of urban population)	91	81	84
Access to improved sanitation (% of total population)	7	31 24	39 33
Rural (% of rural population) Urban (% of urban population)	27	42	54
Environment and health			
Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	40.0 176	146	126
National accounting aggregates	110	110	
Gross savings (% of GNI)		17.4	25.4
Consumption of fixed capital (% of GNI)	7.7	11.1	9.3
Education expenditure (% of GNI) Energy depletion (% of GNI)	2.6 0.0	3.6 11.7	2.6 9.8
Mineral depletion (% of GNI)	0.0	11.7	0.9
Net forest depletion (% of GNI)	2.4	0.5	0.8
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	0.2 0.9	0.7	0.7
Adjusted net savings (% of GNI)	0.9	0.4 -5.0	0.7 5.8

.58 2009 The Little Green Data Book

Nigeria

Population (millions) 148 Land area (1,000 sq. km) 911 GDP (\$ billions) 165.5 Sub-Saharan Low-Country Africa income data group group GNI per capita, World Bank Atlas method (\$) 920 951 574 Urban population (% of total) 48 36 32 Urban population growth (average annual %, 1990-2007) 4.4 4.0 3.7 Population growth (average annual %, 1990-2007) 2.6 2.6 2.4 Agriculture Agricultural land (% of land area) 39 81 44 Agricultural productivity (value added per worker, 2000 \$) 287 330 106 Food production index (1999-2001 = 100) 109 112 351 603 Population density, rural (people/sq. km of arable land) 238 Forests and biodiversity 12.2 26.5 24.7 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 2.9 0.6 0.7 Nationally protected area (% of land area) 6.2 11.3 10.8 1 189 Animal species, total known Animal species, threatened 80 4.715 Higher plant species, total known Higher plant species, threatened 171 GEF benefits index for biodiversity (0-100, median is 1.5) 6.0 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 2.5 3.0 3.2 Energy use per capita (kg oil equivalent) 726 670 478 Energy from biomass products and waste (% of total) 79.6 56.3 53.8 Electric power consumption per capita (kWh) 116 531 309 Electricity generated using fossil fuel (% of total) 66.6 65.6 48.4 38.8 Electricity generated by hydropower (% of total) 33.4 18.0 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.5 0.5 0.4 CO₂ emissions per capita (metric tons) 0.8 0.8 0.6 CO_2 emissions growth (%, 1990–2005) 152 1 40.1 393 45 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 53 69 Transport sector fuel consumption per capita (liters) 60 64 41 Water and sanitation 1,493 4,824 4,619 Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) 36 32 94 Agriculture (% of total freshwater withdrawal) 87 90 69 47 58 68 Access to improved water source (% of total population) Rural (% of rural population) 30 46 60 Urban (% of urban population) 65 81 84 Access to improved sanitation (% of total population) 30 31 39 Rural (% of rural population) 25 24 33 Urban (% of urban population) 35 42 54 **Environment and health** Acute resp. infection prevalence (% of children under five) 10.0 Diarrhea prevalence (% of children under five) 15.3 Under-five mortality rate (per 1,000 live births) 189 146 126 National accounting aggregates Gross savings (% of GNI) 17.4 25.4 Consumption of fixed capital (% of GNI) 10.8 9.3 11 1 Education expenditure (% of GNI) 0.9 3.6 2.6 Energy depletion (% of GNI) 25.2 9.8 11.7 Mineral depletion (% of GNI) 0.0 1.5 0.9 Net forest depletion (% of GNI) 0.1 0.5 0.8 0.7 0.7 CO₂ damage (% of GNI) 0.7 Particulate emission damage (% of GNI) 0.5 0.4 0.7

159

5.8

-5.0

Adjusted net savings (% of GNI)

Northern Mariana Islands

Population (thousands) 84 Land area (sq. km)

180 GDP (\$ millions)

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)		37,572
Urban population (% of total)	91	78
Urban population growth (average annual %, 1990–2007)		1.0
Population growth (average annual %, 1990-2007)		0.7
Agriculture	7	20
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)		38 27,680
Food production index (1999–2001 = 100)		102
Population density, rural (people/sq. km of arable land)	739	323
Forests and biodiversity		
Forest area (% of land area)	72.4	28.8
Deforestation (average annual %, 1990-2005)	0.4	-0.1
Nationally protected area (% of land area)		11.8
Animal species, total known Animal species, threatened	99 80	
Higher plant species, total known	80	
Higher plant species, threatened	5	
GEF benefits index for biodiversity (0-100, median is 1.5)	2.2	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)		5,416
Energy from biomass products and waste (% of total)		3.4
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)		9,675 62.0
Electricity generated by hydropower (% of total)		11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.4
CO ₂ emissions per capita (metric tons)		12.6
CO ₂ emissions growth (%, 1990–2005)		19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)		26 1,159
		1,100
Water and sanitation Internal freshwater resources per capita (cu. m)		9,313
Freshwater withdrawal		3,313
Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)	98	100
Rural (% of rural population)	97	98
Urban (% of urban population) Access to improved sanitation (% of total population)	98 94	100 100
Rural (% of rural population)	96	99
Urban (% of urban population)	94	100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)		7
National accounting aggregates		
Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI)		14.5
Education expenditure (% of GNI) Energy depletion (% of GNI)		4.6 1.5
Mineral depletion (% of GNI)		0.2
Net forest depletion (% of GNI)		0.0
CO ₂ damage (% of GNI)		0.3
Particulate emission damage (% of GNI)		0.3
Adjusted net savings (% of GNI)		8.5

160

Norway

Population (millions) 4.7 Land area (1,000 sq. km) 304.3 GDP (\$ billions) 388.4

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	77,370 77	37,572 78
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	1.0 0.6	1.0 0.7
Agriculture Agricultural land (% of land area)	3	38
Agricultural productivity (value added per worker, 2000 \$)	38,218	27,680
Food production index (1999–2001 = 100)	101	102
Population density, rural (people/sq. km of arable land)	121	323
Forests and biodiversity Forest area (% of land area)	30.8	28.8
Deforestation (average annual %, 1990–2005)	-0.2	-0.1
Nationally protected area (% of land area)	5.1	11.8
Animal species, total known	525	
Animal species, threatened Higher plant species, total known	32 1,715	
Higher plant species, total known Higher plant species, threatened	1,715	
GEF benefits index for biodiversity (0–100, median is 1.5)	1.3	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	8.6	6.3 5,416
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	5,598 5.1	3.4
Electric power consumption per capita (kWh)	24,296	9,675
Electricity generated using fossil fuel (% of total)	0.5	62.0
Electricity generated by hydropower (% of total)	98.5	11.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.4
CO ₂ emissions per diffe of the constant of t	11.4	12.6
CO ₂ emissions growth (%, 1990–2005)	74.7	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	15 1,023	26 1,159
Water and sanitation	1,023	1,100
Internal freshwater resources per capita (cu. m)	81,119	9,313
Freshwater withdrawal	- ,	-,-
Total (% of internal resources)	0.6	10.4
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	11 100	43 100
Rural (% of rural population)	100	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)		100
Rural (% of rural population) Urban (% of urban population)		99 100
Environment and health Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	4	7
National accounting aggregates	20.2	00.0
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	38.3 15.7	20.6 14.5
Education expenditure (% of GNI)	6.5	4.6
Energy depletion (% of GNI)	13.4	1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.0 0.2	0.0
CO ₂ damage (% of GNI)		
Particulate emission damage (% of GNI)	0.0	0.3

Oman

Population (millions) **2.6** Land area (1,000 sq. km) **309.5** GDP (\$ billions) **35.7**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	12,860	37,572
Urban population (% of total)	72	78
Urban population growth (average annual %, 1990–2007)	2.5 2.0	1.0 0.7
Population growth (average annual %, 1990–2007)	2.0	0.1
Agriculture Agricultural land (% of land area)	6	38
Agricultural productivity (value added per worker, 2000 \$)	1,350	27,680
Food production index (1999-2001 = 100)	97	102
Population density, rural (people/sq. km of arable land)	1,152	323
Forests and biodiversity	0.0	00.0
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	0.0 0.0	28.8 -0.1
Nationally protected area (% of land area)	0.1	11.8
Animal species, total known	557	
Animal species, threatened	68	
Higher plant species, total known	1,204	
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	6 3.7	
	0.1	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	3.6	6.3
Energy use per capita (kg oil equivalent)	6,057	5,416
Energy from biomass products and waste (% of total)	0.0	3.4
Electric power consumption per capita (kWh)	4,456	9,675
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	100.0 0.0	62.0 11.4
	0.0	11.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.6	0.4
CO ₂ emissions per capita (metric tons)	12.5	12.6
CO ₂ emissions growth (%, 1990–2005)	206.3	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	108	26
Transport sector fuel consumption per capita (liters)	608	1,159
Water and sanitation Internal freshwater resources per capita (cu. m)	539	9,313
Freshwater withdrawal	339	9,313
Total (% of internal resources)	94.4	10.4
Agriculture (% of total freshwater withdrawal)	88	43
Access to improved water source (% of total population)		100
Rural (% of rural population) Urban (% of urban population)		98 100
Access to improved sanitation (% of total population)		100
Rural (% of rural population)		99
Urban (% of urban population)	97	100
Environment and health		
Acute resp. infection prevalence (% of children under five)	6.2	
Diarrhea prevalence (% of children under five)	6.7	7
Under-five mortality rate (per 1,000 live births)	12	7
National accounting aggregates Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI)		14.5
Education expenditure (% of GNI)	3.9	4.6
Energy depletion (% of GNI)		1.5
Mineral depletion (% of GNI)		0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	1.4	0.3
Adjusted net savings (% of GNI)	1.4	8.5
- Aujusteu net savings (/// or arti)		0.0

Pakistan

Population (millions) 162 Land area (1,000 sq. km) 771 GDP (\$ billions) 142.9

	Country data	South Asia group	Low- income group
GNI per capita, World Bank Atlas method (\$)	860	880	574
Urban population (% of total)	36 3.3	29 2.7	32 3.7
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	2.4	1.8	2.4
Agriculture			
Agricultural land (% of land area)	35	55	39
Agricultural productivity (value added per worker, 2000 \$)	717	417	330
Food production index (1999-2001 = 100) Population density, rural (people/sq. km of arable land)	113 477	107 617	112 603
Forests and biodiversity			
Forest area (% of land area)	2.5	16.8	24.7
Deforestation (average annual %, 1990–2005)	1.9	-0.1	0.7
Nationally protected area (% of land area)	8.5	5.6	10.8
Animal species, total known	820		
Animal species, threatened Higher plant species, total known	97 4,950		
Higher plant species, total known	4,950		
GEF benefits index for biodiversity (0–100, median is 1.5)	4.9		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	4.6	4.8	3.2
Energy use per capita (kg oil equivalent)	499	468	478
Energy from biomass products and waste (% of total)	34.9	30.4	53.8
Electric power consumption per capita (kWh)	480 65.2	453 78.3	309 48.4
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	32.5	17.4	38.8
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.4	0.5	0.4
CO ₂ emissions per capita (metric tons)	0.9	1.1	0.6
CO ₂ emissions growth (%, 1990–2005)	97.4	106.7	39.3
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	120 55	78 33	69 41
Water and sanitation			
Internal freshwater resources per capita (cu. m)	339	1,196	4,619
Freshwater withdrawal			
Total (% of internal resources)	308.0	51.7	9.4
Agriculture (% of total freshwater withdrawal)	96 90	89 87	90 68
Access to improved water source (% of total population) Rural (% of rural population)	90 87	81 84	60
Urban (% of urban population)	95	94	84
Access to improved sanitation (% of total population)	58	33	39
Rural (% of rural population)	40	23	33
Urban (% of urban population)	90	57	54
Environment and health	04.0		
Acute resp. infection prevalence (% of children under five)	24.0		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	26.0 90	78	126
National accounting aggregates			
Gross savings (% of GNI)	24.5	36.2	25.4
Consumption of fixed capital (% of GNI)	9.1	9.5	9.3
Education expenditure (% of GNI)	2.1	3.0	2.6
Energy depletion (% of GNI)	3.3	2.7	9.8
Mineral depletion (% of GNI)	0.0	0.6	0.9
Net forest depletion (% of GNI)	0.9	0.9	0.8
CO ₂ damage (% of GNI)	0.7	1.0	0.7
Particulate emission damage (% of GNI)	1.5 11.0	0.8 23.9	0.7 5.8
Adjusted net savings (% of GNI)	11.0	23.9	5.8

Palau

Population (thousands) 20 Land area (sq. km)	460 GDI	GDP (\$ millions) 164	
	Country data	East Asia & Pacific group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)	8,270	2,182	7,107
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	79	43 3.5	75 1.4
Population growth (average annual %, 1990-2007)	1.7	1.1	0.9
Agriculture			
Agricultural land (% of land area)	20	51	31
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)		458 120	2,947 113
Population density, rural (people/sq. km of arable land)	114	547	110
Forests and biodiversity			
Forest area (% of land area)	87.6		
Deforestation (average annual %, 1990–2005)	-0.3 0.0	-0.1 14.0	0.2 10.3
Nationally protected area (% of land area) Animal species, total known	120	14.0	10.3
Animal species, total known Animal species, threatened	122		
Higher plant species, total known			
Higher plant species, threatened	4		
GEF benefits index for biodiversity (0–100, median is 1.5)	1.2		
Energy CDD pay upit of opergrupos (2005 DDD \$ //rg oil ognivelent)		2.4	4.8
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)		3.4 1,258	2,300
Energy from biomass products and waste (% of total)		14.7	7.0
Electric power consumption per capita (kWh)		1,669	3,242
Electricity generated using fossil fuel (% of total)		82.0	62.8
Electricity generated by hydropower (% of total)		15.0	27.6
Emissions and pollution		0.0	0.1
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	5.7	0.9 3.6	0.! 5.!
CO ₂ emissions growth (%, 1990–2005)	5.1	123.4	-8.3
Particulate matter (urban-popweighted avg., µg/cu. m)		69	30
Transport sector fuel consumption per capita (liters)		106	332
Water and sanitation		4.040	40.00
Internal freshwater resources per capita (cu. m) Freshwater withdrawal		4,948	16,993
Total (% of internal resources)		10.2	13.8
Agriculture (% of total freshwater withdrawal)		74	5
Access to improved water source (% of total population)	89	87	9
Rural (% of rural population)	94	81	8
Urban (% of urban population) Access to improved sanitation (% of total population)	79 67	96 66	9:
Rural (% of rural population)	52	59	64
Urban (% of urban population)	96	75	89
Environment and health			
Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	10	27	2
National accounting aggregates			
Gross savings (% of GNI)		48.0	23.2
Consumption of fixed capital (% of GNI)	12.3	10.7	12.8
Education expenditure (% of GNI)		2.1	4.
Energy depletion (% of GNI)	0.0	4.9	7.
Mineral depletion (% of GNI)	0.0	1.3 0.0	1.0
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	1.1	1.3	0
Net forest depletion (% of GNI) CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	1.1	1.3 1.3	0. 0.

Panama

Population (millions) 3.3 Land area (1,000 sq. km) 74.4 GDP (\$ billions) Latin Upper America & middle-Country Caribbean income data group group GNI per capita, World Bank Atlas method (\$) 5.500 5.801 7,107 72 Urban population (% of total) 78 75 3.7 Urban population growth (average annual %, 1990-2007) 2.1 1.4 Population growth (average annual %, 1990-2007) 1.9 1.5 0.9 Agriculture Agricultural land (% of land area) 30 36 31 Agricultural productivity (value added per worker, 2000 \$) 4,004 3,158 2,947 Food production index (1999-2001 = 100) 105 117 113 172 232 110 Population density, rural (people/sq. km of arable land) Forests and biodiversity 57.7 45.4 39.3 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.5 0.2 0.1 Nationally protected area (% of land area) 10.2 16.7 10.3 1 145 Animal species, total known Animal species, threatened 126 9.915 Higher plant species, total known Higher plant species, threatened 194 GEF benefits index for biodiversity (0-100, median is 1.5) 10.9 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 4.8 11.6 7.3 Energy use per capita (kg oil equivalent) 845 1,240 2,300 Energy from biomass products and waste (% of total) 17.4 15.9 7.0 Electric power consumption per capita (kWh) 1,506 1,808 3,242 Electricity generated using fossil fuel (% of total) 38.9 37.0 62.8 Electricity generated by hydropower (% of total) 59.8 57.3 27.6 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.2 0.3 0.5 CO₂ emissions per capita (metric tons) 2.5 5.5 1.8 CO_2 emissions growth (%, 1990–2005) 88.1 33.4 -8.3 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 35 35 30 Transport sector fuel consumption per capita (liters) 293 295 332 Water and sanitation 23,965 16,993 Internal freshwater resources per capita (cu. m) 44,130 Freshwater withdrawal 0.6 Total (% of internal resources) 20 13.8 Agriculture (% of total freshwater withdrawal) 71 57 28 92 91 95 Access to improved water source (% of total population) Rural (% of rural population) 81 73 83 Urban (% of urban population) 96 97 98 Access to improved sanitation (% of total population) 74 78 83 Rural (% of rural population) 63 51 64 Urban (% of urban population) 78 86 89 **Environment and health** Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) 12.6 Under-five mortality rate (per 1,000 live births) 23 26 24 National accounting aggregates Gross savings (% of GNI) 24.7 22.9 23.2 Consumption of fixed capital (% of GNI) 12.9 12.6 12.8 Education expenditure (% of GNI) 4.4 4.5 4.4 Energy depletion (% of GNI) 0.0 5.4 7.6 Mineral depletion (% of GNI) 0.0 1.9 1.3 Net forest depletion (% of GNI) 0.0 0.0 0.0 0.3 0.6 CO₂ damage (% of GNI) 0.3 Particulate emission damage (% of GNI) 0.2 0.4 0.4 15.7 6.7 4.9 Adjusted net savings (% of GNI)

Papua New Guinea

Population (millions) **6.3** Land area (1,000 sq. km) **452.9** GDP (\$ billions) **6.3**

	Country data	East Asia & Pacific group	Low- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	850 13	2,182 43	574 32
Urban population growth (average annual %, 1990-2007)	1.5	3.5	3.7
Population growth (average annual %, 1990–2007) Agriculture	2.5	1.1	2.4
Agricultural land (% of land area)	2		39
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	601 110		330 112
Population density, rural (people/sq. km of arable land)	2,210		603
Forests and biodiversity	65.0	28.4	24.7
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	0.5		0.7
Nationally protected area (% of land area)	8.0		10.8
Animal species, total known	980		
Animal species, threatened Higher plant species, total known	304 11,544		
Higher plant species, threatened	142		
GEF benefits index for biodiversity (0-100, median is 1.5)	25.4		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.4	3.2
Energy use per capita (kg oil equivalent)		1,258	
Energy from biomass products and waste (% of total)		14.7	53.8
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)		1,669 82.0	
Electricity generated using lossified (% of total)		15.0	
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.4 0.7	0.9 3.6	
CO ₂ emissions growth (%, 1990–2005)	82.7	123.4	
Particulate matter (urban-popweighted avg., µg/cu. m)	21		69
Transport sector fuel consumption per capita (liters)		106	41
Water and sanitation Internal freshwater resources per capita (cu. m)	126,658	4,948	4,619
Freshwater withdrawal	120,000	7,570	4,013
Total (% of internal resources)	0.0		9.4
Agriculture (% of total freshwater withdrawal)	1 40		90 68
Access to improved water source (% of total population) Rural (% of rural population)	32	81	60
Urban (% of urban population)	88		84
Access to improved sanitation (% of total population)	45	66	39
Rural (% of rural population) Urban (% of urban population)	41 67	59 75	33 54
Environment and health			
Acute resp. infection prevalence (% of children under five)	13.0		
Diarrhea prevalence (% of children under five)	16.5	0.7	100
Under-five mortality rate (per 1,000 live births)	65	27	126
National accounting aggregates Gross savings (% of GNI)	39.2	48.0	25.4
Consumption of fixed capital (% of GNI)	10.6		9.3
Education expenditure (% of GNI)		2.1	2.6
Energy depletion (% of GNI) Mineral depletion (% of GNI)	18.0 30.0		9.8 0.9
Net forest depletion (% of GNI)	0.0		0.9
CO ₂ damage (% of GNI)	0.4		0.7
Particulate emission damage (% of GNI)	0.0		0.7
Adjusted net savings (% of GNI)		30.6	5.8

166

<u>Paraguay</u>

Population (millions) **6.1** Land area (1,000 sq. km) **397.3** GDP (\$ billions) **12.2**

	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	1,710	-,	
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	60 3.4		42 2.9
Population growth (average annual %, 1990–2007)	2.2		1.3
Agriculture			
Agricultural land (% of land area)	61		
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	2,047 114	,	532 116
Population density, rural (people/sq. km of arable land)	58		511
Forests and biodiversity			
Forest area (% of land area)	46.5		25.0
Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area)	0.9 5.9		0.1 11.0
Animal species, total known	864		11.0
Animal species, threatened	37		
Higher plant species, total known	7,851		
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	10 2.8		
	2.0	•	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	6.0	7.3	3.9
Energy use per capita (kg oil equivalent)	660		
Energy from biomass products and waste (% of total)	52.0	15.9	15.2
Electric power consumption per capita (kWh)	900		
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	0.0 100.0		
Emissions and pollution	100.0	01.0	
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.3	0.8
CO ₂ emissions per capita (metric tons)	0.7	2.5	
CO ₂ emissions growth (%, 1990-2005)	71.5		
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	77 197		67 99
	101	200	
Water and sanitation Internal freshwater resources per capita (cu. m)	15,358	23,965	4,117
Freshwater withdrawal			
Total (% of internal resources)	0.5		
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	71 77		80 88
Rural (% of rural population)	52		82
Urban (% of urban population)	94		96
Access to improved sanitation (% of total population)	70		55
Rural (% of rural population) Urban (% of urban population)	42 89		43 71
	- 00	- 00	
Environment and health Acute resp. infection prevalence (% of children under five)	17.0)	
Diarrhea prevalence (% of children under five)	16.1		
Under-five mortality rate (per 1,000 live births)	29	26	50
National accounting aggregates			
Gross savings (% of GNI)	19.6		41.7
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	10.3 3.9		10.7 2.6
Energy depletion (% of GNI)	0.0		6.6
	0.0	1.9	1.2
Mineral depletion (% of GNI)			
Net forest depletion (% of GNI)	0.0	0.0	0.2
		0.0	0.2 1.2 1.1

Peru

Population (millions) 28 Land area (1,000 sq. km)	1,280 GI	OP (\$ billions)	107.3
	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	3,410	5,801	1,905
Urban population (% of total)	71		42
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	1.7 1.5		2.9 1.3
Agriculture			
Agricultural land (% of land area)	17		47
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	1,526 115	,	532 116
Population density, rural (people/sq. km of arable land)	213		511
Forests and biodiversity			
Forest area (% of land area)	53.7		25.0
Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area)	0.1 13.7		0.1 11.0
Animal species, total known	2,222		11.0
Animal species, threatened	261		
Higher plant species, total known	17,144 275		
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	33.4		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	14.0		3.9
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	491 17.4		1,019 15.2
Electric power consumption per capita (kWh)	899		1,269
Electricity generated using fossil fuel (% of total)	20.8	,	79.0
Electricity generated by hydropower (% of total)	78.5	57.3	16.3
Emissions and pollution	0.0		0.0
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.2 1.4		0.8 2.8
CO ₂ emissions growth (%, 1990–2005)	76.0		93.5
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	54 135		67 99
	130	290	99
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	57,925	23,965	4,117
Total (% of internal resources)	1.2		8.7
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	82 84		80 88
Rural (% of rural population)	63		82
Urban (% of urban population)	92		96
Access to improved sanitation (% of total population)	72		55
Rural (% of rural population) Urban (% of urban population)	36 85		43 71
Environment and health			
Acute resp. infection prevalence (% of children under five)	17.3		
Diarrhea prevalence (% of children under five)	15.4		
Under-five mortality rate (per 1,000 live births)	20	26	50
National accounting aggregates Gross savings (% of GNI)	25.7	22.9	41.7
Consumption of fixed capital (% of GNI)	12.4		10.7
Education expenditure (% of GNI)	2.6		2.6
Energy depletion (% of GNI)	1.5		6.6
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	10.5 0.0		1.2 0.2
CO ₂ damage (% of GNI)	0.3		1.2
Particulate emission damage (% of GNI)	0.6		1.1
Adjusted net savings (% of GNI)	3.1	6.7	23.

.68 2009 The Little Green Data Book

Philippines

Population (millions) **88** Land area (1,000 sq. km) **298** GDP (\$ billions) **144.1**

	Country data	East Asia & Pacific group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	1,620	2,182	1,905
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	64 3.7		42 2.9
Population growth (average annual %, 1990–2007)	2.1	1.1	1.3
Agriculture			
Agricultural land (% of land area)	41	51	47
Agricultural productivity (value added per worker, 2000 \$)	1,097 114	458 120	532 116
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	553		511
Forests and biodiversity			
Forest area (% of land area)	24.0		
Deforestation (average annual %, 1990-2005)	2.6		
Nationally protected area (% of land area) Animal species, total known	10.1 812	14.0	11.0
Animal species, total known Animal species, threatened	425		
Higher plant species, total known	8,931		
Higher plant species, threatened	216		
GEF benefits index for biodiversity (0-100, median is 1.5)	32.3		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	6.1	3.4	3.9
Energy use per capita (kg oil equivalent)	498		
Energy from biomass products and waste (% of total)	26.1	-,	15.2
Electric power consumption per capita (kWh)	578		1,269
Electricity generated using fossil fuel (% of total)	64.0		
Electricity generated by hydropower (% of total)	17.5	15.0	16.3
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.9	0.8
CO ₂ emissions per capita (metric tons)	0.9		
CO ₂ emissions growth (%, 1990-2005)	70.7	123.4	93.5
Particulate matter (urban-popweighted avg., µg/cu. m)	23	69	
Transport sector fuel consumption per capita (liters)	89	106	99
Water and sanitation Internal freshwater resources per capita (cu. m)	5,450	4,948	4,117
Freshwater withdrawal	3,430	7,570	7,111
Total (% of internal resources)	6.0	10.2	8.7
Agriculture (% of total freshwater withdrawal)	74	74	80
Access to improved water source (% of total population)	93		88
Rural (% of rural population) Urban (% of urban population)	88 96		82 96
Access to improved sanitation (% of total population)	78		55
Rural (% of rural population)	72		43
Urban (% of urban population)	81	75	71
Environment and health	40.0		
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	10.0 7.4		
Under-five mortality rate (per 1,000 live births)	28		50
National accounting aggregates			
Gross savings (% of GNI)	31.6		41.7
Consumption of fixed capital (% of GNI)	9.3		10.7
Education expenditure (% of GNI)	2.2		2.6
Energy depletion (% of GNI) Mineral depletion (% of GNI)	0.4 1.6		6.6 1.2
Net forest depletion (% of GNI)	0.1	0.0	
CO ₂ damage (% of GNI)	0.5		
Particulate emission damage (% of GNI)	0.2		1.1
Adjusted net savings (% of GNI)	21.7	30.6	23.5

Poland

Population (millions) 38 Land area (1,000 sq. km)	306 GDP (\$ billion		ons) 422.1
	Country data	Europe & Central Asia group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)	9,850	6,052	7,107
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	61 0.0	64 0.2	
Population growth (average annual %, 1990-2007)	0.0	0.1	0.9
Agriculture			
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	52 2,260	28 2,228	
Food production index (1999–2001 = 100)	95	110	
Population density, rural (people/sq. km of arable land)	121	129	110
Forests and biodiversity	20.0	00.0	00.0
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	30.0 -0.2	38.3 0.0	
Nationally protected area (% of land area)	24.6	6.1	
Animal species, total known	534		
Animal species, threatened	33 2,450		
Higher plant species, total known Higher plant species, threatened	2,430		
GEF benefits index for biodiversity (0–100, median is 1.5)	0.5		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	5.7	3.5	
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	2,562 5.5	2,930 2.2	,
Electric power consumption per capita (kWh)	3,585	3,835	
Electricity generated using fossil fuel (% of total)	97.1	67.7	
Electricity generated by hydropower (% of total)	1.3	17.4	27.6
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.6	0.7	0.5
CO ₂ emissions per capita (metric tons)	7.9	7.0	
CO ₂ emissions growth (%, 1990–2005)	-13.0	-29.3	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	37 323	27 255	
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	1,406	11,806	16,993
Total (% of internal resources)	30.2	7.2	13.8
Agriculture (% of total freshwater withdrawal)	8	60	
Access to improved water source (% of total population)		95	
Rural (% of rural population) Urban (% of urban population)	100	88 99	
Access to improved sanitation (% of total population)		89	
Rural (% of rural population) Urban (% of urban population)		79 94	
, , ,		34	03
Environment and health Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five)		00	0.4
Under-five mortality rate (per 1,000 live births)	7	23	24
National accounting aggregates Gross savings (% of GNI)	22.0	24.0	23.2
Consumption of fixed capital (% of GNI)	13.3		
Education expenditure (% of GNI)	5.3	4.0	4.4
Energy depletion (% of GNI)	0.9		
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.5 0.1	0.7 0.0	
CO ₂ damage (% of GNI)	0.7	1.0	
Particulate emission damage (% of GNI)	0.4		
Adjusted net savings (% of GNI)	11.5	3.2	4.9

170

Portugal

Population (millions) 11 Land area (1,000 sq. km) 92 GDP (\$ billions) 222.8

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	18,950	37,572
Urban population (% of total)	59 1.6	78 1.0
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	0.4	0.7
Agriculture		
Agricultural land (% of land area)	40	38
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	6,279 99	27,680 102
Population density, rural (people/sq. km of arable land)	354	323
Forests and biodiversity		
Forest area (% of land area)	41.3	28.8
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	-1.3 5.0	-0.1 11.8
Animal species, total known	606	11.0
Animal species, total known Animal species, threatened	143	
Higher plant species, total known	5,050	
Higher plant species, threatened	16	
GEF benefits index for biodiversity (0-100, median is 1.5)	5.5	
Energy	0.7	6.0
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	8.7 2,402	6.3 5,416
Energy from biomass products and waste (% of total)	11.9	3,410
Electric power consumption per capita (kWh)	4,799	9,675
Electricity generated using fossil fuel (% of total)	67.0	62.0
Electricity generated by hydropower (% of total)	22.6	11.4
Emissions and pollution	0.0	0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	5.9 47.3	12.6 19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	23	26
Transport sector fuel consumption per capita (liters)	659	1,159
Water and sanitation	0.500	0.040
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	3,582	9,313
Total (% of internal resources)	29.6	10.4
Agriculture (% of total freshwater withdrawal)	78	43
Access to improved water source (% of total population)	99	100
Rural (% of rural population)	100	98
Urban (% of urban population)	99	100
Access to improved sanitation (% of total population)	99	100
Rural (% of rural population)	98	99
Urban (% of urban population)	99	100
Environment and health Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	4	7
National accounting aggregates	10.5	
Gross savings (% of GNI)	12.6	20.6
Consumption of fixed capital (% of GNI)	14.4 5.4	14.5 4.6
Education expenditure (% of GNI) Energy depletion (% of GNI)	0.0	4.6 1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI)	0.2	0.3
Particulate emission damage (% of GNI)	0.3	0.3

Puerto Rico

Population (millions)

High-Country income data group GNI per capita, World Bank Atlas method (\$) 10.950 37.572 Urban population (% of total) 98 78 Urban population growth (average annual %, 1990-2007) 2.4 1.0 0.6 Population growth (average annual %, 1990-2007) 0.7 Agriculture Agricultural land (% of land area) 38 25 Agricultural productivity (value added per worker, 2000 \$) 27,680 Food production index (1999-2001 = 100) 98 102 Population density, rural (people/sq. km of arable land) 132 323 Forests and biodiversity Forest area (% of land area) 46.0 28.8 Deforestation (average annual %, 1990-2005) -0.1-0.1Nationally protected area (% of land area) 3.3 11.8 348 Animal species, total known Animal species, threatened 48 2.493 Higher plant species, total known Higher plant species, threatened 53 GEF benefits index for biodiversity (0-100, median is 1.5) **4** 0 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 6.3 Energy use per capita (kg oil equivalent) 5 416 Energy from biomass products and waste (% of total) 3.4 Electric power consumption per capita (kWh) 9,675 Electricity generated using fossil fuel (% of total) 62.0 Electricity generated by hydropower (% of total) 11.4 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.4 CO₂ emissions per capita (metric tons) 12.6 CO_2 emissions growth (%, 1990–2005) 191 26 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 21 Transport sector fuel consumption per capita (liters) 1,159 Water and sanitation 1,801 9,313 Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) 104 Agriculture (% of total freshwater withdrawal) 43 Access to improved water source (% of total population) 100 Rural (% of rural population) 98 Urban (% of urban population) 100

3.9 Land area (1,000 sq. km)

67.9

100

99

8.9 GDP (\$ billions)

Urban (% of urban population)	 100
Environment and health	
Acute resp. infection prevalence (% of children under five)	
Diarrhea prevalence (% of children under five)	
Under-five mortality rate (per 1,000 live births)	 7
National accounting aggregates	
Gross savings (% of GNI)	 20.6

Consumption of fixed capital (% of GNI) 14.5 Education expenditure (% of GNI) 4.6 Energy depletion (% of GNI) 1.5 Mineral depletion (% of GNI) 0.2 Net forest depletion (% of GNI) 0.0 CO₂ damage (% of GNI) 0.3 Particulate emission damage (% of GNI) 0.3 8.5 Adjusted net savings (% of GNI)

172 2009 The Little Green Data Book

Access to improved sanitation (% of total population)

Rural (% of rural population)

Qatar

Population (thousands) **836** Land area (1,000 sq. km) **11** GDP (\$ billions) **52.7**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)		37,572
Urban population (% of total)	96	78
Urban population growth (average annual %, 1990–2007)	3.6	1.0
Population growth (average annual %, 1990-2007)	3.4	0.7
Agriculture	6	20
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	6	38 27,680
Food production index (1999–2001 = 100)	108	102
Population density, rural (people/sq. km of arable land)	203	323
Forests and biodiversity		
Forest area (% of land area)		28.8
Deforestation (average annual %, 1990-2005)		-0.1
Nationally protected area (% of land area)	0.0	11.8
Animal species, total known	159	
Animal species, threatened	27 355	
Higher plant species, total known		
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	0.1	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	3.5	6.3
Energy use per capita (kg oil equivalent)	22,057	5,416
Energy from biomass products and waste (% of total)	0.0	3.4
Electric power consumption per capita (kWh)	17,181	9,675
Electricity generated using fossil fuel (% of total)	100.0	62.0
Electricity generated by hydropower (% of total)	0.0	11.4
Emissions and pollution	0.0	0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.9 62.6	0.4 12.6
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	308.9	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	51	26
Transport sector fuel consumption per capita (liters)	2,558	1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	61	9,313
Freshwater withdrawal		
Total (% of internal resources)	870.6	10.4
Agriculture (% of total freshwater withdrawal)	59	43
Access to improved water source (% of total population)	100	100
Rural (% of rural population) Urban (% of urban population)	100 100	98 100
Access to improved sanitation (% of total population)	100	100
Rural (% of rural population)	100	99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five)	7.8	
Diarrhea prevalence (% of children under five)	8.8	
Under-five mortality rate (per 1,000 live births)	15	7
National accounting aggregates		
Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI)		14.5
Education expenditure (% of GNI)		4.6 1.5
Energy depletion (% of GNI) Mineral depletion (% of GNI)		0.2
Net forest depletion (% of GNI)		0.2
CO ₂ damage (% of GNI)		0.0
Particulate emission damage (% of GNI)		0.3
Adjusted net savings (% of GNI)		8.5
,		0.0

Romania

Population (millions) 22 Land area (1,000 sq. km)	230 GD	P (\$ billions	166.0
	Country data	Europe & Central Asia group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)	6,390	6,052	7,107
Urban population (% of total)	54		
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	-0.3 -0.4		1.4 0.9
Agriculture			
Agricultural land (% of land area)	63		
Agricultural productivity (value added per worker, 2000 \$)	5,294		
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	110 108		113 110
Forests and biodiversity			
Forest area (% of land area)	27.7		
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	0.0 2.2		
Animal species, total known	466		10.0
Animal species, threatened	59		
Higher plant species, total known	3,400		
Higher plant species, threatened	1		
GEF benefits index for biodiversity (0–100, median is 1.5)	0.7		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	5.4	3.5	4.8
Energy use per capita (kg oil equivalent)	1,860		
Energy from biomass products and waste (% of total)	8.1	2.2	7.0
Electric power consumption per capita (kWh)	2,402		
Electricity generated using fossil fuel (% of total)	61.7		62.8
Electricity generated by hydropower (% of total)	29.3	17.4	27.6
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.4	0.7	0.5
CO ₂ emissions per capita (metric tons)	4.1	7.0	
CO ₂ emissions growth (%, 1990–2005)	-42.6		
Particulate matter (urban-popweighted avg., µg/cu. m)	14		
Transport sector fuel consumption per capita (liters)	216	255	332
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	1,963	11,806	16,993
Total (% of internal resources)	54.8	7.2	13.8
Agriculture (% of total freshwater withdrawal)	57	60	
Access to improved water source (% of total population)	88		95
Rural (% of rural population)	76 99		83
Urban (% of urban population) Access to improved sanitation (% of total population)	72	89	98 83
Rural (% of rural population)	54		
Urban (% of urban population)	88	94	89
Environment and health Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	 15	23	24
	13	23	24
National accounting aggregates Gross savings (% of GNI)	21.1	24.0	23.2
	12.4		
Consumption of fixed capital (% of GNI)			4.4
	3.4		
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI)	2.1	9.8	
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	2.1 0.1	9.8 0.7	1.3
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	2.1 0.1 0.0	9.8 0.7 0.0	1.3 0.0
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	2.1 0.1	9.8 0.7 0.0 1.0	1.3 0.0 0.6

74 2009 The Little Green Data Book

Russian Federation

Population (millions) **142** Land area (1,000 sq. km) **16,381** GDP (\$ billions) **1,290.1**

	Country data	Europe & Central Asia group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)	7,530	6,052	7,107
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	73 -0.3		75 1.4
Population growth (average annual %, 1990–2007)	-0.3	0.1	0.9
Agriculture			
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	13 2,629	28 2,228	31 2,947
Food production index (1999–2001 = 100)	113	110	113
Population density, rural (people/sq. km of arable land)	32	129	110
Forests and biodiversity			
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	49.4 0.0	38.3 0.0	39.3 0.2
Nationally protected area (% of land area)	6.8		10.3
Animal species, total known	941		
Animal species, threatened	151		
Higher plant species, total known	11,400		
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	7 34.1		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	2.7	3.5	4.8
Energy use per capita (kg oil equivalent)	4,745		2,300
Energy from biomass products and waste (% of total)	1.1		7.0 3.242
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	6,122 66.4	-,	62.8
Electricity generated by hydropower (% of total)	17.4		27.6
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.9	0.7	0.5
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	10.5 -33.5		5.5 -8.3
Particulate matter (urban-popweighted avg., µg/cu. m)	-33.3 18		30
Transport sector fuel consumption per capita (liters)	349	255	332
Water and sanitation			
Internal freshwater resources per capita (cu. m)	30,350	11,806	16,993
Freshwater withdrawal Total (% of internal resources)	1.8	7.2	13.8
Agriculture (% of total freshwater withdrawal)	18		57
Access to improved water source (% of total population)	97	95	95
Rural (% of rural population)	88		83
Urban (% of urban population) Access to improved sanitation (% of total population)	100 87	99 89	98 83
Rural (% of rural population)	70		64
Urban (% of urban population)	93	94	89
Environment and health			
Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	 15	23	24
National accounting aggregates			
Gross savings (% of GNI)	31.3	24.0	23.2
Consumption of fixed capital (% of GNI)	12.9		12.8
Education expenditure (% of GNI)	3.5		4.4
Energy depletion (% of GNI) Mineral depletion (% of GNI)	17.9 1.3		7.6 1.3
Net forest depletion (% of GNI)	0.0		0.0
CO ₂ damage (% of GNI)	1.1		0.6
Particulate emission damage (% of GNI)	0.2		0.4
Adjusted net savings (% of GNI)	1.4	3.2	4.9

Rwanda

Population (millions) 9.7 Land area (1,000 sq. km)	24.7 GD	P (\$ billions)	3.3
	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	320	951	574
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	18 8.8	36 4.0	32 3.7
Population growth (average annual %, 1990-2007)	1.7	2.6	2.4
Agriculture			
Agricultural land (% of land area)	79	44	39
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	184 121	287 109	330 112
Population density, rural (people/sq. km of arable land)	635	351	603
Forests and biodiversity			
Forest area (% of land area)	19.5	26.5	
Deforestation (average annual %, 1990–2005)	-2.8	0.6	0.7
Nationally protected area (% of land area)	8.1 871	11.3	10.8
Animal species, total known Animal species, threatened	49		
Higher plant species, total known	2,288		
Higher plant species, threatened	3		
GEF benefits index for biodiversity (0-100, median is 1.5)	0.9		
Energy		2.0	2.0
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)		3.0 670	3.2 478
Energy from biomass products and waste (% of total)		56.3	53.8
Electric power consumption per capita (kWh)		531	309
Electricity generated using fossil fuel (% of total)		65.6	48.4
Electricity generated by hydropower (% of total)		18.0	38.8
Emissions and pollution	0.00	0.40	0.00
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.08 0.07	0.49 0.85	0.39
CO ₂ emissions growth (%, 1990–2005)	14.6	40.1	39.3
Particulate matter (urban-popweighted avg., µg/cu. m)	26	53	69
Transport sector fuel consumption per capita (liters)		64	41
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	976	4,824	4,619
			9.4
Total (% of internal resources)	1.6	3.2	
Total (% of internal resources) Agriculture (% of total freshwater withdrawal)	1.6 68	3.2 87	
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	68 65	87 58	90
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population)	68 65 61	87 58 46	90 68 60
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population)	68 65 61 82	87 58 46 81	90 68 60 84
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population)	68 65 61 82 23	87 58 46 81 31	90 68 60 84 39
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population)	68 65 61 82	87 58 46 81	90 68 60 84 39
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population)	68 65 61 82 23 20 34	87 58 46 81 31 24	90 68 60 84 39
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five)	68 65 61 82 23 20 34	87 58 46 81 31 24	90 68 60 84 39
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	68 65 61 82 23 20 34 17.1 14.1	87 58 46 81 31 24 42	90 68 60 84 39 33 54
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	68 65 61 82 23 20 34	87 58 46 81 31 24	90 68 60 84 39 33 54
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates	68 65 61 82 23 20 34 17.1 14.1 181	87 58 46 81 31 24 42	90 68 60 84 39 33 54
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acuter esp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI)	68 65 61 82 23 20 34 17.1 14.1 181	87 58 46 81 31 24 42 146	90 68 60 84 39 33 54
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	68 65 61 82 23 32 34 17.1 14.1 181	87 58 46 81 31 24 42 146	90 68 60 84 39 33 54 126 25.4
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	68 65 61 82 23 20 34 17.1 14.1 181	87 58 46 81 31 24 42 146	90 68 60 84 39 33 54 126 25.4 9.3 2.6
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Urban (% of urban population) Environment and health Acuter esp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Energy depletion (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	68 65 61 82 23 20 34 17.1 14.1 181 16.2 8.0 4.6 0.0 0.0	87 58 46 81 31 24 42 146 17.4 11.1 3.6 11.7 1.5	90 68 60 84 39 33 54 126 25.4 9.3 2.6 9.8
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	68 65 61 82 23 20 34 17.1 14.1 181 16.2 8.0 4.6 0.0 0.0 0.3.6	87 58 46 81 31 24 42 146 17.4 11.1 3.6 11.7 1.5 0.5	90 68 60 84 39 33 54 126 25.4 9.3 2.6 9.8 0.9.8
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population) Rural (% of rural population) Urban (% of urban population) Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population) Urban (% of urban population) Environment and health Acuter esp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Energy depletion (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	68 65 61 82 23 20 34 17.1 14.1 181 16.2 8.0 4.6 0.0 0.0	87 58 46 81 31 24 42 146 17.4 11.1 3.6 11.7 1.5	90 68 60 84 39 33 54 126 25.4 9.3 2.6 9.8

176 2009 The Little Green Data Book

Samoa

Population (thousands) 181 Land area (1,000 sq. km)	3 GD	3 GDP (\$ millions)		3 GDP (\$ millions)	s) 525
	Country data	East Asia & Pacific group	Lower middle- income group		
GNI per capita, World Bank Atlas method (\$)	2,700	2,182	1,905		
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	23 1.1	43 3.5	42 2.9		
Population growth (average annual %, 1990-2007)	0.7	1.1	1.3		
Agriculture					
Agricultural land (% of land area)	33 1,768	51 458	47 532		
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	103	120	116		
Population density, rural (people/sq. km of arable land)	463		511		
Forests and biodiversity					
Forest area (% of land area)	60.4	28.4			
Deforestation (average annual %, 1990–2005)	-1.8 2.0		0.1 11.0		
Nationally protected area (% of land area) Animal species, total known	2.0 55	14.0	11.0		
Animal species, total known Animal species, threatened	71				
Higher plant species, total known					
Higher plant species, threatened	2				
GEF benefits index for biodiversity (0-100, median is 1.5)	1.6				
Energy		2.4	3.9		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)		3.4 1.258	1.019		
Energy from biomass products and waste (% of total)		14.7	15.2		
Electric power consumption per capita (kWh)		1,669	1,269		
Electricity generated using fossil fuel (% of total)		82.0	79.0		
Electricity generated by hydropower (% of total)		15.0	16.3		
Emissions and pollution	0.0	0.0	0.0		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.2 0.8	0.9 3.6	0.8 2.8		
CO ₂ emissions growth (%, 1990–2005)	20.6		93.5		
Particulate matter (urban-popweighted avg., µg/cu. m)		69	67		
Transport sector fuel consumption per capita (liters)		106	99		
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal		4,948	4,117		
Total (% of internal resources)		10.2	8.7		
Agriculture (% of total freshwater withdrawal)		74	80		
Access to improved water source (% of total population)	88	87	88		
Rural (% of rural population)	87	81	82		
Urban (% of urban population)	90 100		96 55		
Access to improved sanitation (% of total population) Rural (% of rural population)	100		43		
Urban (% of urban population)	100	75	71		
Environment and health Acute resp. infection prevalence (% of children under five)					
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	 27	27	50		
National accounting aggregates					
Gross savings (% of GNI)		48.0	41.7		
Consumption of fixed capital (% of GNI)	11.3	10.7	10.7		
Education expenditure (% of GNI)	4.0	2.1	2.6		
Energy depletion (% of GNI)	0.0	4.9	6.6		
Mineral depletion (% of GNI)	0.0		1.2		
Net forest depletion (% of GNI)	0.8	0.0 1.3	0.2 1.2		
CO ₂ damage (% of GNI)	0.2	1.3	1.2		
Particulate emission damage (% of GNI)					

San Marino

Population (thousands) 31 Land area (sq. km)	60 GDP (\$ billion	ns) 1.7
	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	46,770	37,572
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	94	78 1.0
Population growth (average annual %, 1990-2007)		0.7
Agriculture	47	2.0
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	17 	38 27,680
Food production index (1999-2001 = 100)		102
Population density, rural (people/sq. km of arable land)	176	323
Forests and biodiversity Forest area (% of land area)	1.7	28.8
Deforestation (average annual %, 1990–2005)		-0.1
Nationally protected area (% of land area)		11.8
Animal species, total known Animal species, threatened	9 1	
Higher plant species, total known		
Higher plant species, threatened	0	
GEF benefits index for biodiversity (0-100, median is 1.5)	0.0	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)		5,416
Energy from biomass products and waste (% of total)		3.4
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)		9,675 62.0
Electricity generated by hydropower (% of total)		11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)		0.4 12.6
CO ₂ emissions growth (%, 1990–2005)		19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	9	26
Transport sector fuel consumption per capita (liters)		1,159
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal		9,313
Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)		43 100
Rural (% of rural population)		98
Urban (% of urban population) Access to improved sanitation (% of total population)		100 100
Rural (% of rural population)		99
Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	 4	7
National accounting aggregates		
Gross savings (% of GNI)	:	20.6
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	17.3	14.5 4.6
Education experiature (% of GNI) Energy depletion (% of GNI)	0.0	1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)		0.0 0.3
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)		0.3

178

Adjusted net savings (% of GNI)

2009 The Little Green Data Book

8.5

São Tomé and Principe

Population (thousands) 158 Land area (1,000 sq. km) 1 GDP (\$

1 GDP (\$ millions)

	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	870	951	574
Urban population (% of total)	60	36	32
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	3.7 1.8	4.0 2.6	3.7 2.4
Agriculture			
Agricultural land (% of land area)	59	44	39
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	109	287 109	330 112
Population density, rural (people/sq. km of arable land)	711	351	603
Forests and biodiversity			
Forest area (% of land area)	28.5	26.5	24.7
Deforestation (average annual %, 1990–2005)	0.0	0.6	
Nationally protected area (% of land area) Animal species, total known	126	11.3	10.8
Animal species, total known Animal species, threatened	31		
Higher plant species, total known	895		
Higher plant species, threatened	35		
GEF benefits index for biodiversity (0–100, median is 1.5)	2.7		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.0	3.2
Energy use per capita (kg oil equivalent)		670	478
Energy from biomass products and waste (% of total)		56.3	53.8
Electric power consumption per capita (kWh)		531	309
Electricity generated using fossil fuel (% of total)		65.6	48.4
Electricity generated by hydropower (% of total)		18.0	38.8
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.5	0.5	0.4
CO ₂ emissions per capita (metric tons)	0.7	0.8	0.4
CO ₂ emissions growth (%, 1990–2005)	55.6	40.1	39.3
Particulate matter (urban-popweighted avg., μg/cu. m)	39	53	69
Transport sector fuel consumption per capita (liters)		64	41
Water and sanitation Internal freshwater resources per capita (cu. m)	13,796	4,824	4,619
Freshwater withdrawal	13,730	4,024	4,015
Total (% of internal resources)		3.2	9.4
Agriculture (% of total freshwater withdrawal)		87	90
Access to improved water source (% of total population)	86	58	68
Rural (% of rural population) Urban (% of urban population)	83 88	46 81	60 84
Access to improved sanitation (% of total population)	24	31	39
Rural (% of rural population)	18	24	33
Urban (% of urban population)	29	42	54
Environment and health			
Acute resp. infection prevalence (% of children under five)	5.0		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	99	146	126
National accounting aggregates			
Gross savings (% of GNI)		17.4	25.4
Consumption of fixed capital (% of GNI)	9.4	11.1	9.3
Education expenditure (% of GNI)		3.6	2.6
Energy depletion (% of GNI) Mineral depletion (% of GNI)	0.0	11.7 1.5	9.8 0.9
Net forest depletion (% of GNI)	0.0	0.5	0.8
CO ₂ damage (% of GNI)	0.6	0.7	0.7
Particulate emission damage (% of GNI)	0.1	0.4	0.7
Adjusted net savings (% of GNI)		-5.0	5.8

Saudi Arabia

Population (millions) **24** Land area (1,000 sq. km) **2,000** GDP (\$ billions) **381.7**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	15,470	37,572
Urban population (% of total)	83	78
Urban population growth (average annual %, 1990-2007)	2.7	1.0
Population growth (average annual %, 1990–2007)	2.3	0.7
Agriculture	01	38
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	81 16,651	27,680
Food production index (1999–2001 = 100)	112	102
Population density, rural (people/sq. km of arable land)	123	323
Forests and biodiversity		
Forest area (% of land area)	1.4	28.8
Deforestation (average annual %, 1990–2005)	0.0	-0.1
Nationally protected area (% of land area)	38.1	11.8
Animal species, total known	527	
Animal species, threatened	94	
Higher plant species, total known	2,028	
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	3 3.2	
	0.2	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	3.5	6.3
Energy use per capita (kg oil equivalent)	6,170	5,416
Energy from biomass products and waste (% of total)	0.0	3.4
Electric power consumption per capita (kWh)	7,080	9,675
Electricity generated using fossil fuel (% of total)	100.0	62.0
Electricity generated by hydropower (% of total)	0.0	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.8	0.4
CO ₂ emissions per capita (metric tons)	16.5	12.6
CO ₂ emissions growth (%, 1990–2005)	93.0	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	113 1,262	26 1,159
Water and sanitation	<u> </u>	
Internal freshwater resources per capita (cu. m)	99	9,313
Freshwater withdrawal	00	0,010
Total (% of internal resources)	986.1	10.4
Agriculture (% of total freshwater withdrawal)	88	43
Access to improved water source (% of total population)	96	100
Rural (% of rural population)		98
Urban (% of urban population)	97	100
Access to improved sanitation (% of total population)	99	100
Rural (% of rural population)		99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five)	8.8	
Diarrhea prevalence (% of children under five)	9.1	_
Under-five mortality rate (per 1,000 live births)	25	7
National accounting aggregates		20.0
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	13.4	20.6 14.5
Education expenditure (% of GNI)	7.2	14.5 4.6
Education experiature (% of GNI) Energy depletion (% of GNI)	42.1	4.6 1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.0	0.2
CO ₂ damage (% of GNI)	0.7	0.0
Particulate emission damage (% of GNI)	1.4	0.3
Adjusted net savings (% of GNI)	1.4	8.5
- Augustes not out ingo (70 of ditt)		0.5

180

2009 The Little Green Data Book

Senea

193 GDP (\$ billions)

Sub-Saharan Low-Country Africa income data group group GNI per capita, World Bank Atlas method (\$) 830 951 574 Urban population (% of total) 42 36 32 3.7 Urban population growth (average annual %, 1990-2007) 3.1 4.0 Population growth (average annual %, 1990-2007) 2.7 2.6 2.4 Agriculture Agricultural land (% of land area) 43 39 44 Agricultural productivity (value added per worker, 2000 \$) 227 287 330 Food production index (1999-2001 = 100) 100 109 112 Population density, rural (people/sq. km of arable land) 270 351 603 Forests and biodiversity 45.0 26.5 24.7 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.5 0.6 0.7 Nationally protected area (% of land area) 11.2 11.3 10.8 803 Animal species, total known Animal species, threatened 57 2.086 Higher plant species, total known Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5) 1.0 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 6.2 3.0 3.2 Energy use per capita (kg oil equivalent) 250 670 478 Energy from biomass products and waste (% of total) 39.6 56.3 53.8 Electric power consumption per capita (kWh) 150 531 309 Electricity generated using fossil fuel (% of total) 87.0 65.6 48.4 38.8 Electricity generated by hydropower (% of total) 9.6 18.0 **Emissions and pollution** CO₂ emissions per unit of GDP (kg/2005 PPP \$) 0.3 0.5 0.4 CO₂ emissions per capita (metric tons) 0.4 0.8 0.6 CO_2 emissions growth (%, 1990–2005) 61.9 40.1 393 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 95 53 69 Transport sector fuel consumption per capita (liters) 47 64 41 Water and sanitation 2,079 4,824 4,619 Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) 86 32 94 Agriculture (% of total freshwater withdrawal) 93 87 90 77 58 68 Access to improved water source (% of total population) Rural (% of rural population) 65 46 60 Urban (% of urban population) 93 81 84 Access to improved sanitation (% of total population) 28 31 39 Rural (% of rural population) 9 24 33 Urban (% of urban population) 54 42 54

12 Land area (1,000 sq. km)

Population (millions)

Environment and health			
Acute resp. infection prevalence (% of children under five)	7.0		
Diarrhea prevalence (% of children under five)	15.1		
Under-five mortality rate (per 1,000 live births)	114	146	126
National accounting aggregates			
Gross savings (% of GNI)	21.8	17.4	25.4
Consumption of fixed capital (% of GNI)	9.4	11.1	9.3
Education expenditure (% of GNI)	4.5	3.6	2.6
Energy depletion (% of GNI)	0.0	11.7	9.8
Mineral depletion (% of GNI)	0.1	1.5	0.9
Net forest depletion (% of GNI)	0.0	0.5	0.8
CO ₂ damage (% of GNI)	0.3	0.7	0.7
Particulate emission damage (% of GNI)	1.2	0.4	0.7
Adjusted net savings (% of GNI)	15.2	-5.0	5.8

The Little Green Data Book 2009

Serbia

Population (millions) 7.4 Land area (1,000 sq. km)	88.4 GD	P (\$ billions	40.1
	Country data	Europe & Central Asia group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)	4,540	6,052	7,107
Urban population (% of total)	52 0.0		
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	-0.2		0.9
Agriculture			
Agricultural land (% of land area)		28	
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)		2,228 110	
Population density, rural (people/sq. km of arable land)	103		
Forests and biodiversity			
Forest area (% of land area) Deforestation (average annual %, 1990–2005)		38.3 0.0	
Nationally protected area (% of land area)		6.1	
Animal species, total known			
Animal species, threatened	42		
Higher plant species, total known Higher plant species, threatened	1		
GEF benefits index for biodiversity (0–100, median is 1.5)	0.2		
Energy		0.5	4.6
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	4.1 2,303		
Energy from biomass products and waste (% of total)	4.7	2,330	
Electric power consumption per capita (kWh)	4,040		
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	69.9 30.1		62.8 27.6
	30.1	17.4	21.0
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.7	0.5
CO ₂ emissions per capita (metric tons)		7.0	
CO ₂ emissions growth (%, 1990–2005)		-29.3	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	363	27 255	
Water and sanitation			
Internal freshwater resources per capita (cu. m)		11,806	16,993
Freshwater withdrawal Total (% of internal resources)		7.2	13.8
Agriculture (% of total freshwater withdrawal)		60	
Access to improved water source (% of total population)	99		
Rural (% of rural population) Urban (% of urban population)	98 99		
Access to improved sanitation (% of total population)	92		
Rural (% of rural population)	88		
Urban (% of urban population)	96	94	89
Environment and health Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five)			
Under-five mortality rate (per 1,000 live births)	8	23	24
National accounting aggregates Gross savings (% of GNI)		24.0	23.2
Consumption of fixed capital (% of GNI)		12.8	
Education expenditure (% of GNI)		4.0	
Energy depletion (% of GNI) Mineral depletion (% of GNI)		9.8 0.7	
Net forest depletion (% of GNI)		0.7	
CO ₂ damage (% of GNI)		1.0	0.6
Particulate emission damage (% of GNI)		0.5	
Adjusted net savings (% of GNI)		3.2	4.9

182 2009 The Little Green Data Book

Seychelles

460 GDP (\$ millions) 728 Population (thousands) 85 Land area (sq. km) Sub-Upper Saharan middle-Country Africa income data group group GNI per capita, World Bank Atlas method (\$) 8.960 951 7.107 Urban population (% of total) 54 36 75 Urban population growth (average annual %, 1990-2007) 1.7 4.0 1.4 Population growth (average annual %, 1990-2007) 2.6 0.9 1.1 Agriculture Agricultural land (% of land area) 13 44 31 Agricultural productivity (value added per worker, 2000 \$) 433 287 2,947 Food production index (1999-2001 = 100) 109 113 3,905 110 Population density, rural (people/sq. km of arable land) 351 Forests and biodiversity 87.0 26.5 39.3 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.2 0.0 0.6 Nationally protected area (% of land area) 8.3 11.3 10.3 263 Animal species, total known Animal species, threatened 110 250 Higher plant species, total known Higher plant species, threatened 45 GEF benefits index for biodiversity (0-100, median is 1.5) 3.5 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 4.8 3.0 Energy use per capita (kg oil equivalent) 670 2,300 Energy from biomass products and waste (% of total) 56.3 7.0 Electric power consumption per capita (kWh) 531 3,242 Electricity generated using fossil fuel (% of total) 65.6 62.8 Electricity generated by hydropower (% of total) 18.0 27.6 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.5 0.5 0.5 CO₂ emissions per capita (metric tons) 7.0 0.8 5.5 409.7 CO_2 emissions growth (%, 1990–2005) 40.1 -8.3 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 53 30 Transport sector fuel consumption per capita (liters) 64 332 Water and sanitation 4,824 16,993 Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) 32 13.8 Agriculture (% of total freshwater withdrawal) 7 87 57 58 95 Access to improved water source (% of total population) Rural (% of rural population) 46 83 Urban (% of urban population) 100 81 98 Access to improved sanitation (% of total population) 31 83 Rural (% of rural population) 100 24 64 Urban (% of urban population) 42 89 **Environment and health** Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 13 146 24 National accounting aggregates Gross savings (% of GNI) -0.3 17.4 23.2 Consumption of fixed capital (% of GNI) 12.8 133 11 1 Education expenditure (% of GNI) 5.8 3.6 4.4 Energy depletion (% of GNI) 0.0 7.6 11.7 Mineral depletion (% of GNI) 0.0 1.5 1.3 Net forest depletion (% of GNI) 0.0 0.5 0.0 0.6 0.6 CO₂ damage (% of GNI) 0.7 Particulate emission damage (% of GNI) 0.4 0.4 -8.4 4.9 Adjusted net savings (% of GNI) -5.0

Sierra Leone

Population (millions) 5.8 Land area (1,000 sq. km)	71.6 GD	71.6 GDP (\$ billions			71.6 GDP (\$ billions		71.6 GDP (\$ billions)		71.6 GDP (\$ billions)	
	Country data	Sub- Saharan Africa group	Low- income group							
GNI per capita, World Bank Atlas method (\$)	260	951	574							
Urban population (% of total)	37 2.9	36 4.0	32 3.7							
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	2.9	2.6	2.4							
Agriculture										
Agricultural land (% of land area)	40	44	39							
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	 114	287 109	330 112							
Population density, rural (people/sq. km of arable land)	588	351	603							
Forests and biodiversity										
Forest area (% of land area)	38.5	26.5	24.7							
Deforestation (average annual %, 1990–2005)	0.7	0.6	0.7							
Nationally protected area (% of land area) Animal species, total known	4.1 823	11.3	10.8							
Animal species, total known Animal species, threatened	47									
Higher plant species, total known	2,090									
Higher plant species, threatened	47									
GEF benefits index for biodiversity (0-100, median is 1.5)	1.3									
Energy CDB pay unit of anardy use (2005 PBB \$ /kg oil equivalent)		3.0	3.2							
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)		670	478							
Energy from biomass products and waste (% of total)		56.3	53.8							
Electric power consumption per capita (kWh)		531	309							
Electricity generated using fossil fuel (% of total)		65.6	48.4							
Electricity generated by hydropower (% of total)		18.0	38.8							
Emissions and pollution	0.2	0.5	0.4							
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.3 0.2	0.5 0.8	0.4 0.6							
CO ₂ emissions growth (%, 1990–2005)	181.3	40.1	39.3							
Particulate matter (urban-popweighted avg., µg/cu. m)	50	53	69							
Transport sector fuel consumption per capita (liters)		64	41							
Water and sanitation	27 250	1 021	4,619							
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	27,358	4,824	4,019							
Total (% of internal resources)	0.2	3.2	9.4							
Agriculture (% of total freshwater withdrawal)	92	87	90							
Access to improved water source (% of total population)	53 32	58 46	68 60							
Rural (% of rural population) Urban (% of urban population)	83	81	84							
Access to improved sanitation (% of total population)	11	31	39							
Rural (% of rural population)	5	24	33							
Urban (% of urban population)	20	42	54							
Environment and health	0.0									
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	9.0 25.3									
Under-five mortality rate (per 1,000 live births)	262	146	126							
National accounting aggregates										
Gross savings (% of GNI)	9.8	17.4	25.4							
Consumption of fixed capital (% of GNI)	7.9	11.1	9.3							
Education expenditure (% of GNI)	3.9	3.6	2.6							
Energy depletion (% of GNI)	0.0 0.9	11.7	9.8 0.9							
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	1.6	1.5 0.5	0.9							
CO ₂ damage (% of GNI)	0.4	0.5	0.8							
Particulate emission damage (% of GNI)	0.9	0.4	0.7							
Adjusted net savings (% of GNI)	2.1	-5.0	5.8							

2000 The

2009 The Little Green Data Book

Singapore

Population (millions) 4.6 Land area (1,000 sq. km) 0.7 GDP (\$ billions) 161.3

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	32,340	37,572
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	100 2.4	78 1.0
Population growth (average annual %, 1990-2007)	2.4	0.7
Agriculture		
Agricultural land (% of land area)	1 46,408	38
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	116	27,680 102
Population density, rural (people/sq. km of arable land)	0	323
Forests and biodiversity	2.2	20.0
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	3.3 0.0	28.8 -0.1
Nationally protected area (% of land area)	4.2	11.8
Animal species, total known	473	11.0
Animal species, threatened	213	
Higher plant species, total known	2,282	
Higher plant species, threatened	54	
GEF benefits index for biodiversity (0-100, median is 1.5)	0.1	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	6.5	6.3
Energy use per capita (kg oil equivalent)	6,968	5,416
Energy from biomass products and waste (% of total)	0.0	3.4
Electric power consumption per capita (kWh)	8,520	9,675
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	100.0 0.0	62.0 11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per capita (metric tons)	13.2	12.6
CO ₂ emissions growth (%, 1990–2005)	34.2	19.1 26
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	41 580	1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	131	9,313
Freshwater withdrawal		40.4
Total (% of internal resources) Agriculture (% of total freshwater withdrawal)		10.4 43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)		98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	100	100
Rural (% of rural population) Urban (% of urban population)	100	99 100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	3	7
National accounting aggregates Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI)	15.1	14.5
Education expenditure (% of GNI)	2.7	4.6
Energy depletion (% of GNI)	0.0	1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI)	0.3 0.9	0.3
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)	0.9	0.3 8.5
rajustou not savings (/// or arti)	••	6.5

Slovak Republic

Population (millions) **5.4** Land area (1,000 sq. km) **48.1** GDP (\$ billions) **75.0**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	11,720	37,572
Urban population (% of total)	56	78
Urban population growth (average annual %, 1990–2007)	0.1	1.0
Population growth (average annual %, 1990-2007)	0.1	0.7
Agriculture Agricultural land (% of land area)	40	38
Agricultural productivity (value added per worker, 2000 \$)	5,848	27,680
Food production index (1999–2001 = 100)	106	102
Population density, rural (people/sq. km of arable land)	170	323
Forests and biodiversity		
Forest area (% of land area)	40.1	28.8
Deforestation (average annual %, 1990–2005)	0.0	-0.1
Nationally protected area (% of land area)	20.0	11.8
Animal species, total known	419 37	
Animal species, threatened Higher plant species, total known	3,124	
Higher plant species, total known Higher plant species, threatened	2	
GEF benefits index for biodiversity (0–100, median is 1.5)	0.1	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	5.1	6.3
Energy use per capita (kg oil equivalent)	3,465	5,416
Energy from biomass products and waste (% of total)	2.6	3.4
Electric power consumption per capita (kWh)	5,136	9,675
Electricity generated using fossil fuel (% of total)	26.8	62.0
Electricity generated by hydropower (% of total)	14.1	11.4
Emissions and pollution	0.4	0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	6.8	0.4 12.6
CO ₂ emissions growth (%, 1990–2005)	-28.8	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	15	26
Transport sector fuel consumption per capita (liters)	359	1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	2,334	9,313
Freshwater withdrawal		
Total (% of internal resources)		10.4 43
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	100	100
Rural (% of rural population)	100	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	100	100
Rural (% of rural population)	99	99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		_
Under-five mortality rate (per 1,000 live births)	8	7
National accounting aggregates	04.0	00.0
Gross savings (% of GNI)	24.0	20.6
Consumption of fixed capital (% of GNI)	13.8 3.8	14.5 4.6
Education expenditure (% of GNI) Energy depletion (% of GNI)	3.8 0.1	4.6 1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.4	0.2
CO ₂ damage (% of GNI)	0.5	0.3
Particulate emission damage (% of GNI)	0.0	0.3
Adjusted net savings (% of GNI)	13.1	8.5

186

2009 The Little Green Data Book

Slovenia

Population (millions) 2.0 Land area (1,000 sq. km) 20.1 GDP (\$ billions) 47.2

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	21,510 49	37,572 78
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	-0.1 0.1	1.0 0.7
Agriculture	٥٢	2.0
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	25 47,995	38 27,680
Food production index (1999–2001 = 100)	107	102
Population density, rural (people/sq. km of arable land)	574	323
Forests and biodiversity	CO 0	28.8
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	62.8 -0.4	28.8 -0.1
Nationally protected area (% of land area)	6.7	11.8
Animal species, total known	437	
Animal species, threatened	77	
Higher plant species, total known	3,200	
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	0.2	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	6.8	6.3
Energy use per capita (kg oil equivalent)	3,618	5,416
Energy from biomass products and waste (% of total)	6.5	3.4
Electric power consumption per capita (kWh)	7,124 38.8	9,675 62.0
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	23.8	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per capita (metric tons)	7.4 -17.6	12.6 19.1
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	30	26
Transport sector fuel consumption per capita (liters)	858	1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	9,251	9,313
Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)		100 98
Rural (% of rural population) Urban (% of urban population)		100
Access to improved sanitation (% of total population)		100
Rural (% of rural population)		99
Urban (% of urban population)		100
Environment and health Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	4	7
National accounting aggregates		
Gross savings (% of GNI)	28.0	20.6
Consumption of fixed capital (% of GNI)	14.2 5.5	14.5 4.6
Education expenditure (% of GNI) Energy depletion (% of GNI)	5.5 0.1	4.6 1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.2	0.0
CO ₂ damage (% of GNI)	0.3	0.3
Particulate emission damage (% of GNI)	0.2	0.3
Adjusted net savings (% of GNI)	18.4	8.5

Solomon Islands

Population (thousands) 495 Land area (1,000 sq. km) 28 GDP (\$ millions) 388

	Country data	East Asia & Pacific group	Low- income group
GNI per capita, World Bank Atlas method (\$)	750	2,182	574
Urban population (% of total)	18 4.2		32 3.7
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	2.7	1.1	2.4
Agriculture			
Agricultural land (% of land area)	3 613		39 330
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	119		112
Population density, rural (people/sq. km of arable land)	2,178		603
Forests and biodiversity	77.0	00.4	047
Forest area (% of land area)	77.6 1.6		24.7 0.7
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	0.7		10.8
Animal species, total known	320		
Animal species, threatened	195		
Higher plant species, total known	3,172		
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	16 4.4		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.4	3.2
Energy use per capita (kg oil equivalent)		1,258	478
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)		14.7 1,669	53.8 309
Electricity generated using fossil fuel (% of total)		82.0	48.4
Electricity generated by hydropower (% of total)		15.0	38.8
Emissions and pollution		0.0	0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.3 0.4		0.4 0.6
CO ₂ emissions growth (%, 1990–2005)	9.1	123.4	39.3
Particulate matter (urban-popweighted avg., µg/cu. m)	37	69	69
Transport sector fuel consumption per capita (liters)		106	41
Water and sanitation Internal freshwater resources per capita (cu. m)	90,237	4,948	4,619
Freshwater withdrawal	30,231	4,340	4,013
Total (% of internal resources)		10.2	9.4
Agriculture (% of total freshwater withdrawal)	:	74	90
Access to improved water source (% of total population)	70 65		68 60
Rural (% of rural population) Urban (% of urban population)	94		84
Access to improved sanitation (% of total population)	32	66	39
Rural (% of rural population)	18		33
Urban (% of urban population)	98	75	54
Environment and health Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five)			
Under-five mortality rate (per 1,000 live births)	70	27	126
National accounting aggregates			
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	9.2	48.0 10.7	25.4 9.3
Education expenditure (% of GNI)	3.8		2.6
Energy depletion (% of GNI)	0.0		9.8
Mineral depletion (% of GNI)	0.0		0.9
Net forest depletion (% of GNI)	13.0		0.8
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	0.4 0.2		0.7 0.7
Adjusted net savings (% of GNI)	0.2	30.6	5.8
· · · · · · · · · · · · · · · · · · ·			

188

2009 The Little Green Data Book

Somalia

627.3 GDP (\$ billions) Population (millions) 8.7 Land area (1,000 sq. km) Sub-Saharan Low-Country Africa income data group group GNI per capita, World Bank Atlas method (\$) 951 574 Urban population (% of total) 36 36 32 Urban population growth (average annual %, 1990-2007) 2.7 4.0 3.7 Population growth (average annual %, 1990-2007) 1.5 2.6 2.4 Agriculture Agricultural land (% of land area) 71 39 44 Agricultural productivity (value added per worker, 2000 \$) 287 330 106 Food production index (1999-2001 = 100) 109 112 393 351 603 Population density, rural (people/sq. km of arable land) Forests and biodiversity 11.4 26.5 24.7 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 1.0 0.6 0.7 Nationally protected area (% of land area) 0.3 11.3 10.8 824 Animal species, total known Animal species, threatened 106 3.028 Higher plant species, total known Higher plant species, threatened 17 GEF benefits index for biodiversity (0-100, median is 1.5) 6.1 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 3.0 3.2 Energy use per capita (kg oil equivalent) 670 478 Energy from biomass products and waste (% of total) 56.3 53.8 Electric power consumption per capita (kWh) 531 309 Electricity generated using fossil fuel (% of total) 65.6 48.4 38.8 Electricity generated by hydropower (% of total) 18.0 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.5 0.4 CO₂ emissions per capita (metric tons) 0.07 0.85 0.58 CO_2 emissions growth (%, 1990–2005) 3.120.0 40.1 393 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 31 53 69 Transport sector fuel consumption per capita (liters) 64 41 Water and sanitation 690 4,824 4,619 Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) 55.0 32 94 Agriculture (% of total freshwater withdrawal) 87 90 99 29 58 68 Access to improved water source (% of total population) Rural (% of rural population) 10 46 60 Urban (% of urban population) 81 84 63 Access to improved sanitation (% of total population) 23 31 39 Rural (% of rural population) 7 24 33 Urban (% of urban population) 51 42 54 **Environment and health** Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) 23.4 Under-five mortality rate (per 1,000 live births) 142 146 126 National accounting aggregates Gross savings (% of GNI) 17.4 25.4 Consumption of fixed capital (% of GNI) 9.3 11 1 Education expenditure (% of GNI) 3.6 2.6 Energy depletion (% of GNI) 9.8 11.7 Mineral depletion (% of GNI) 1.5 0.9 Net forest depletion (% of GNI) 0.5 0.8 0.7 CO₂ damage (% of GNI) 0.7 Particulate emission damage (% of GNI) 0.4 0.7

189

5.8

-5.0

Adjusted net savings (% of GNI)

South Africa

GDP (\$ billions) Population (millions) 48 Land area (1,000 sq. km) 1.214 283.0 Sub-Upper Saharan middle-Country Africa income data group group GNI per capita, World Bank Atlas method (\$) 5.720 951 7.107 36 Urban population (% of total) 60 75 Urban population growth (average annual %, 1990-2007) 2.7 4.0 1.4 Population growth (average annual %, 1990-2007) 1.8 2.6 0.9 Agriculture Agricultural land (% of land area) 82 44 31 Agricultural productivity (value added per worker, 2000 \$) 2,670 287 2,947 Food production index (1999-2001 = 100) 111 109 113 Population density, rural (people/sq. km of arable land) 129 351 110 Forests and biodiversity 7.6 26.5 39.3 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.0 0.2 0.6 Nationally protected area (% of land area) 6.1 11.3 10.3 1 149 Animal species, total known Animal species, threatened 324 Higher plant species, total known 23.420 Higher plant species, threatened 74 GEF benefits index for biodiversity (0-100, median is 1.5) 20.7 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 4.8 3.2 3.0 Energy use per capita (kg oil equivalent) 2,739 670 2,300 Energy from biomass products and waste (% of total) 10.5 56.3 7.0 Electric power consumption per capita (kWh) 4,810 531 3,242 Electricity generated using fossil fuel (% of total) 93.5 65.6 62.8 Electricity generated by hydropower (% of total) 1.5 18.0 27.6 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 1.0 0.5 0.5 CO₂ emissions per capita (metric tons) 8.7 0.8 5.5 CO_2 emissions growth (%, 1990–2005) 23.2 40.1 -8.3Particulate matter (urban-pop.-weighted avg., µg/cu. m) 21 53 30 Transport sector fuel consumption per capita (liters) 334 64 332 Water and sanitation 4,824 16,993 Internal freshwater resources per capita (cu. m) 936 Freshwater withdrawal Total (% of internal resources) 279 32 13.8 Agriculture (% of total freshwater withdrawal) 87 57 63 93 58 95 Access to improved water source (% of total population) Rural (% of rural population) 82 46 83 Urban (% of urban population) 100 81 98 Access to improved sanitation (% of total population) 59 31 83 Rural (% of rural population) 49 24 64 Urban (% of urban population) 66 42 89 **Environment and health** Acute resp. infection prevalence (% of children under five) 19.0 Diarrhea prevalence (% of children under five) 13.2 Under-five mortality rate (per 1,000 live births) 59 146 24 National accounting aggregates Gross savings (% of GNI) 14.5 17.4 23.2 Consumption of fixed capital (% of GNI) 12.4 12.8 11 1 Education expenditure (% of GNI) 5.3 3.6 4.4 Energy depletion (% of GNI) 3.1 7.6 11.7 Mineral depletion (% of GNI) 22 1.5 1.3 Net forest depletion (% of GNI) 0.2 0.5 0.0 0.6 CO₂ damage (% of GNI) 1.3 0.7 Particulate emission damage (% of GNI) 0.1 0.4 0.4 0.4 4.9 Adjusted net savings (% of GNI) -5.0

190

2009 The Little Green Data Book



Population (millions) **45** Land area (1,000 sq. km) **499** GDP (\$ billions) **1,436.9**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	29,290	37,572
Urban population (% of total)	77	78
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	1.0 0.9	1.0 0.7
Agriculture	0.9	0.1
Agricultural land (% of land area)	58	38
Agricultural productivity (value added per worker, 2000 \$)	18,054	27,680
Food production index (1999-2001 = 100)	96	102
Population density, rural (people/sq. km of arable land)	74	323
Forests and biodiversity	25.0	00.0
Forest area (% of land area)	35.9 -1.9	28.8 -0.1
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	-1.9 8.3	11.8
Animal species, total known	647	11.0
Animal species, total known Animal species, threatened	169	
Higher plant species, total known	5,050	
Higher plant species, threatened	49	
GEF benefits index for biodiversity (0–100, median is 1.5)	6.8	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	8.5	6.3
Energy use per capita (kg oil equivalent)	3,277	5,416
Energy from biomass products and waste (% of total)	3.6 6,206	3.4 9,675
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	61.0	62.0
Electricity generated by hydropower (% of total)	8.5	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per capita (metric tons)	7.9	12.6
CO ₂ emissions growth (%, 1990–2005)	62.2	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	32	26
Transport sector fuel consumption per capita (liters)	893	1,159
Water and sanitation Internal freshwater resources per capita (cu. m)	2,478	9,313
Freshwater withdrawal	2,410	9,313
Total (% of internal resources)	32.0	10.4
Agriculture (% of total freshwater withdrawal)	68	43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)	100	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	100	100
Rural (% of rural population)	100	99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	4	7
National accounting aggregates	21.0	20.0
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	21.9 14.8	20.6 14.5
Education expenditure (% of GNI)	3.9	14.5 4.6
Energy depletion (% of GNI)	0.0	1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI)	0.2	0.3
Particulate emission damage (% of GNI)	0.4	0.3
i di diculate ciliission dalliage (70 di arri)	0	

Sri Lanka

Population (millions) 20 Land area (1,000 sq. km)	65 GDP (\$ billions) 32.3
	Country data	South Asia group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	1,540	880	
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	15 0.2	29 2.7	
Population growth (average annual %, 1990–2007)	0.9	1.8	
Agriculture			
Agricultural land (% of land area)	36	55 417	
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	705 107	107	
Population density, rural (people/sq. km of arable land)	1,823	617	
Forests and biodiversity			
Forest area (% of land area)	29.9	16.8	
Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area)	1.3 17.5	-0.1 5.6	
Animal species, total known	504	5.0	11.0
Animal species, threatened	254		
Higher plant species, total known	3,314		
Higher plant species, threatened	280		
GEF benefits index for biodiversity (0-100, median is 1.5)	7.9		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	8.0	4.8	3.9
Energy use per capita (kg oil equivalent)	472	468	
Energy from biomass products and waste (% of total)	54.3	30.4	15.2
Electric power consumption per capita (kWh)	400	453	
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	50.6 49.4	78.3 17.4	
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-pop-weighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	0.2 0.6 193.1 82 90	0.5 1.1 106.7 78 33	2.8 93.5 67
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	2,499	1,196	4,117
Total (% of internal resources)	25.2	51.7	8.7
Agriculture (% of total freshwater withdrawal)	95	89	80
Access to improved water source (% of total population)	82	87	
Rural (% of rural population) Urban (% of urban population)	79 98	84 94	
Access to improved sanitation (% of total population)	86	33	
Rural (% of rural population)	86	23	
Urban (% of urban population)	89	57	71
Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	 5.0		
Under-five mortality rate (per 1,000 live births)	21	78	50
National accounting aggregates			
Gross savings (% of GNI)	23.3	36.2	
Consumption of fixed capital (% of GNI)	10.3	9.5 3.0	
Education expenditure (% of GNI) Energy depletion (% of GNI)	2.6 0.0	3.0 2.7	
Mineral depletion (% of GNI)	0.0	0.6	
Net forest depletion (% of GNI)	0.6	0.9	0.2
CO ₂ damage (% of GNI)	0.3	1.0	
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)	0.3 14.3	0.8 23.9	
najaotoa not savings (70 or anti)	14.3	23.3	20.0

192 2009 The Little Green Data Book

St. Kitts and Nevis

260 GDP (\$ millions) 49 Land area (sq. km) Population (thousands) Latin Upper America & middle-Country Caribbean income data group group GNI per capita, World Bank Atlas method (\$) 9.990 5.801 7,107 Urban population (% of total) 32 78 75 Urban population growth (average annual %, 1990-2007) 0.5 2.1 1.4 Population growth (average annual %, 1990-2007) 0.9 1.5 0.9 Agriculture Agricultural land (% of land area) 38 36 31 Agricultural productivity (value added per worker, 2000 \$) 2,228 3,158 2,947 Food production index (1999-2001 = 100) 60 117 113 465 232 110 Population density, rural (people/sq. km of arable land) Forests and biodiversity 20.4 45.4 39.3 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.5 0.2 0.0 Nationally protected area (% of land area) 0.0 16.7 10.3 139 Animal species, total known Animal species, threatened 33 659 Higher plant species, total known Higher plant species, threatened 2 GEF benefits index for biodiversity (0-100, median is 1.5) 0.1 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 4.8 7.3 Energy use per capita (kg oil equivalent) 1,240 2,300 15.9 Energy from biomass products and waste (% of total) 7.0 Electric power consumption per capita (kWh) 1,808 3,242 Electricity generated using fossil fuel (% of total) 37.0 62.8 Electricity generated by hydropower (% of total) 57.3 27.6 **Emissions and pollution** CO₂ emissions per unit of GDP (kg/2005 PPP \$) 0.2 0.3 0.5 CO₂ emissions per capita (metric tons) 2.8 2.5 5.5 CO_2 emissions growth (%, 1990–2005) 105.6 33.4 -8.3 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 15 35 30 Transport sector fuel consumption per capita (liters) 295 332 Water and sanitation 492 23,965 16,993 Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) 20 13.8 Agriculture (% of total freshwater withdrawal) 71 57 99 91 95 Access to improved water source (% of total population) Rural (% of rural population) 99 73 83 Urban (% of urban population) 99 97 98 Access to improved sanitation (% of total population) 96 78 83 Rural (% of rural population) 96 51 64 Urban (% of urban population) 96 86 89 **Environment and health** Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 18 26 24 National accounting aggregates Gross savings (% of GNI) 22.9 23.2 Consumption of fixed capital (% of GNI) 13.6 12.6 12.8 Education expenditure (% of GNI) 4.1 4.5 4.4 Energy depletion (% of GNI) 0.0 5.4 7.6 Mineral depletion (% of GNI) 0.0 1.9 1.3 Net forest depletion (% of GNI) 0.0 0.0 0.2 0.6 CO₂ damage (% of GNI) 0.3 Particulate emission damage (% of GNI) 0.4 0.4 6.7 4.9 Adjusted net savings (% of GNI)

St. Lucia

Population (thousands) 168 Land area (sq. km)	610 GE	OP (\$ millions	980
	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	5,520	-,	
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	28 1.0		
Population growth (average annual %, 1990–2007)	1.3		
Agriculture Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	33 1,246 74 2,983	3,158 117	2,947 113
Forests and biodiversity			
Forest area (% of land area)	27.9		
Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area)	0.0 15.4		
Animal species, total known	175		
Animal species, threatened	38		
Higher plant species, total known Higher plant species, threatened	1,028 6		
GEF benefits index for biodiversity (0–100, median is 1.5)	1.4		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	••	. 7.3	4.8
Energy use per capita (kg oil equivalent)		. 1,240	
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)		1 000	
Electricity generated using fossil fuel (% of total)		27.0	
Electricity generated by hydropower (% of total)		. 57.3	27.6
Emissions and pollution	0.0		0.5
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.3 2.2		
CO ₂ emissions growth (%, 1990-2005)	129.5		
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	31	005	
Water and sanitation Internal freshwater resources per capita (cu. m)		. 23,965	16,993
Freshwater withdrawal Total (% of internal resources)		2.0	13.8
Agriculture (% of total freshwater withdrawal)		71	
Access to improved water source (% of total population)	98		
Rural (% of rural population) Urban (% of urban population)	98 98		
Access to improved sanitation (% of total population)		70	
Rural (% of rural population)			
Urban (% of urban population)		. 86	89
Environment and health Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five)			
Under-five mortality rate (per 1,000 live births)	18	3 26	24
National accounting aggregates		00.0	00.0
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	12.7		
Education expenditure (% of GNI)	5.0		
Energy depletion (% of GNI)	0.0	5.4	7.6
Mineral depletion (% of GNI)	0.0	0.0	
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.3		
Particulate emission damage (% of GNI)	0.2	0.4	0.4

.94 2009 The Little Green Data Book

Green09 0427.indd 194 4/28/09 11:11:56 AM

St. Vincent & Grenadines

Population (thousands) 120 Land area (sq. km)	390 GE	OP (\$ millions	s) 553
	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	4,210		7,107
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	47 1.4		75 1.4
Population growth (average annual %, 1990–2007)	0.6		0.9
Agriculture			
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	26 2,215		
Food production index (1999–2001 = 100)	111		113
Population density, rural (people/sq. km of arable land)	1,289	232	110
Forests and biodiversity	07.4	45.4	20.0
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	27.4 -1.3		39.3 0.2
Nationally protected area (% of land area)	11.3		10.3
Animal species, total known	185		
Animal species, threatened Higher plant species, total known	34 1,166		
Higher plant species, total known	1,100		
GEF benefits index for biodiversity (0–100, median is 1.5)	1.0)	
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)		4 0 4 0	4.8 2,300
Energy from biomass products and waste (% of total)		45.0	7.0
Electric power consumption per capita (kWh)		1,808	
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)		37.0 57.3	62.8 27.6
Emissions and pollution	•	01.0	21.0
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.3	0.5
CO ₂ emissions per capita (metric tons)	1.6		5.5
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	136.4 28		-8.3 30
Transport sector fuel consumption per capita (liters)		005	332
Water and sanitation			
Internal freshwater resources per capita (cu. m)		23,965	16,993
Freshwater withdrawal Total (% of internal resources)		2.0	13.8
Agriculture (% of total freshwater withdrawal)		71	57
Access to improved water source (% of total population)		70	95 83
Rural (% of rural population) Urban (% of urban population)		0.7	98
Access to improved sanitation (% of total population)		. 78	83
Rural (% of rural population) Urban (% of urban population)	96	0.0	64 89
	•	. 00	- 03
Environment and health Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	19		24
National accounting aggregates			
Gross savings (% of GNI)			23.2
Consumption of fixed capital (% of GNI)	12.5		12.8
Education expenditure (% of GNI) Energy depletion (% of GNI)	5.8 0.0		4.4 7.6
Mineral depletion (% of GNI)	0.0		1.3
Net forest depletion (% of GNI)	0.0	0.0	0.0
CO ₂ damage (% of GNI)	0.3	0.3	0.6
Particulate emission damage (% of GNI)	0.1	0.4	0.4

Sudan

Population (millions) 39 Land area (1,000 sq. km)	2,376 GD	P (\$ billions) 46.2
	Country data	Sub- Saharan Africa group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	950	951	1,905
Urban population (% of total)	43	36	
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	5.1 2.3	4.0 2.6	
Agriculture			
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	58 661	44 287	47 532
Food production index (1999-2001 = 100)	116	109	116
Population density, rural (people/sq. km of arable land)	112	351	511
Forests and biodiversity Forest area (% of land area)	20.4	26 5	25.0
Deforestation (average annual %, 1990–2005)	28.4 0.8	26.5 0.6	
Nationally protected area (% of land area)	4.8	11.3	
Animal species, total known	1,254		
Animal species, threatened Higher plant species, total known	88 3,137		
Higher plant species, total known Higher plant species, threatened	17		
GEF benefits index for biodiversity (0–100, median is 1.5)	5.1		
Energy	2.0	2.0	2.0
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	3.9 470	3.0 670	
Energy from biomass products and waste (% of total)	77.5	56.3	,
Electric power consumption per capita (kWh)	95	531	,
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	67.5 32.5	65.6 18.0	
Emissions and pollution	02.0	10.0	10.0
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.5	0.8
CO ₂ emissions per capita (metric tons)	0.3	0.8	
CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-popweighted avg., µg/cu. m)	97.3 165	40.1 53	
Transport sector fuel consumption per capita (liters)	65	64	
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	778	4,824	4,117
Total (% of internal resources)	124.4	3.2	8.7
Agriculture (% of total freshwater withdrawal)	97	87	80
Access to improved water source (% of total population) Rural (% of rural population)	70 64	58 46	
Urban (% of urban population)	78	81	96
Access to improved sanitation (% of total population)	35	31	
Rural (% of rural population) Urban (% of urban population)	24 50	24 42	
Environment and health			
Acute resp. infection prevalence (% of children under five)	5.0		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	29.4 109	146	50
	109	140	30
National accounting aggregates Gross savings (% of GNI)	13.2	17.4	41.7
Consumption of fixed capital (% of GNI)	10.8	11.1	10.7
Education expenditure (% of GNI)	0.9	3.6	
Energy depletion (% of GNI) Mineral depletion (% of GNI)	15.7 0.1	11.7 1.5	
Net forest depletion (% of GNI)	0.0		
CO ₂ damage (% of GNI)	0.2	0.7	1.2
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)	0.4 -13.2	0.4 -5.0	
Aujusteu net savings (% 01 GNI)	-15.2	-5.0	23.3

196 2009 The Little Green Data Book

Green09 0427.indd 196 4/28/09 11:11:56 AM

Suriname

Population (thousands) 458 Land area (1,000 sq. km) 156 GDP (\$ billions) Latin Upper America & middle-Country Caribbean income data group group GNI per capita, World Bank Atlas method (\$) 4.730 5.801 7.107 75 Urban population (% of total) 78 75 Urban population growth (average annual %, 1990-2007) 1.3 2.1 1.4 Population growth (average annual %, 1990-2007) 0.8 1.5 0.9 Agriculture Agricultural land (% of land area) 1 36 31 3,166 Agricultural productivity (value added per worker, 2000 \$) 3,158 2,947 Food production index (1999-2001 = 100) 107 117 113 197 232 110 Population density, rural (people/sq. km of arable land) Forests and biodiversity 94.7 45.4 39.3 Forest area (% of land area) Deforestation (average annual %, 1990-2005) 0.5 0.2 0.0 Nationally protected area (% of land area) 11.8 16.7 10.3 877 Animal species, total known Animal species, threatened 33 5.018 Higher plant species, total known Higher plant species, threatened 26 GEF benefits index for biodiversity (0-100, median is 1.5) 2.7 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 4.8 7.3 Energy use per capita (kg oil equivalent) 1,240 2,300 15.9 Energy from biomass products and waste (% of total) 7.0 Electric power consumption per capita (kWh) 1,808 3,242 Electricity generated using fossil fuel (% of total) 37.0 62.8 Electricity generated by hydropower (% of total) 57.3 27.6 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.8 0.3 0.5 CO₂ emissions per capita (metric tons) 5.2 2.5 5.5 CO_2 emissions growth (%, 1990–2005) 31 2 33.4 -8.3 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 28 35 30 Transport sector fuel consumption per capita (liters) 295 332 Water and sanitation 192,272 23,965 16,993 Internal freshwater resources per capita (cu. m) Freshwater withdrawal Total (% of internal resources) 0.8 20 138 Agriculture (% of total freshwater withdrawal) 93 71 57 92 91 95 Access to improved water source (% of total population) Rural (% of rural population) 79 73 83 Urban (% of urban population) 97 97 98 Access to improved sanitation (% of total population) 82 78 83 Rural (% of rural population) 60 51 64 Urban (% of urban population) 89 86 89 **Environment and health** Acute resp. infection prevalence (% of children under five) 4.0 Diarrhea prevalence (% of children under five) 14.8 Under-five mortality rate (per 1,000 live births) 29 26 24 National accounting aggregates Gross savings (% of GNI) 22.9 23.2 Consumption of fixed capital (% of GNI) 12.0 12.6 12.8 Education expenditure (% of GNI) 4.5 4.4 Energy depletion (% of GNI) 0.0 5.4 7.6 Mineral depletion (% of GNI) 2.7 1.9 1.3 Net forest depletion (% of GNI) 0.0 0.0 0.0 0.9 0.6 CO₂ damage (% of GNI) 0.3 Particulate emission damage (% of GNI) 0.4 0.4 0.4 6.7 4.9 Adjusted net savings (% of GNI)

Swaziland

Population (millions) 1.1 Land area (1,000 sq. km)	17.2 GD	17.2 GDP (\$ billions)			.7.2 GDP (\$ billions)	
	Country data	Sub- Saharan Africa group	Lower middle- income group			
GNI per capita, World Bank Atlas method (\$)	2,560	951				
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	25 2.8	36 4.0				
Population growth (average annual %, 1990-2007)	2.3	2.6				
Agriculture						
Agricultural land (% of land area)	81	44				
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	1,376 105	287 109				
Population density, rural (people/sq. km of arable land)	482	351	511			
Forests and biodiversity						
Forest area (% of land area)	31.5	26.5				
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	-0.9 3.1	0.6 11.3				
Animal species, total known	614	11.3	11.0			
Animal species, total known Animal species, threatened	14					
Higher plant species, total known	2,715					
Higher plant species, threatened	11					
GEF benefits index for biodiversity (0-100, median is 1.5)	0.1					
Energy CDP per unit of opergy use (2005 PPP \$ /kg oil equivalent)		3.0	3.9			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)		670				
Energy from biomass products and waste (% of total)		56.3				
Electric power consumption per capita (kWh)		531				
Electricity generated using fossil fuel (% of total)		65.6	79.0			
Electricity generated by hydropower (% of total)		18.0	16.3			
Emissions and pollution	0.0	0.5	0.0			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.2 0.8	0.5 0.8				
CO ₂ emissions growth (%, 1990–2005)	125.0	40.1				
Particulate matter (urban-popweighted avg., µg/cu. m)	33	53				
Transport sector fuel consumption per capita (liters)		64	99			
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	2,300	4,824	4,117			
Total (% of internal resources)	39.5	3.2	8.7			
Agriculture (% of total freshwater withdrawal)	97	87	80			
Access to improved water source (% of total population)	60	58				
Rural (% of rural population)	51	46				
Urban (% of urban population) Access to improved sanitation (% of total population)	87 50	81 31				
Rural (% of rural population)	46	24				
Urban (% of urban population)	64	42				
Environment and health						
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	10.0					
Under-five mortality rate (per 1,000 live births)	91	146	50			
National accounting aggregates	40.0	47.				
Gross savings (% of GNI)	19.8 10.6	17.4 11.1				
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	6.4	3.6				
Energy depletion (% of GNI)	0.4	11.7				
Mineral depletion (% of GNI)	0.0	1.5				
Net forest depletion (% of GNI)	0.0	0.5	0.2			
CO ₂ damage (% of GNI)	0.3	0.7				
Particulate emission damage (% of GNI)	0.1	0.4				
Adjusted net savings (% of GNI)	15.2	-5.0	23.			

198 2009 The Little Green Data Book

Sweden

Population (millions) **9.1** Land area (1,000 sq. km) **410.3** GDP (\$ billions) **454.3**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	47,870 84	37,572 78
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	0.5 0.4	1.0 0.7
Agriculture Agricultural land (% of land area)	8	38
Agricultural productivity (value added per worker, 2000 \$)	36,162	27,680
Food production index (1999–2001 = 100)	99	102
Population density, rural (people/sq. km of arable land)	52	323
Forests and biodiversity Forest area (% of land area)	67.1	28.8
Deforestation (average annual %, 1990–2005)	0.0	-0.1
Nationally protected area (% of land area)	10.3	11.8
Animal species, total known	542	
Animal species, threatened Higher plant species, total known	29 1,750	
Higher plant species, threatened	3	
GEF benefits index for biodiversity (0-100, median is 1.5)	0.3	
Energy	F 0	6.2
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	5.9 5,650	6.3 5,416
Energy from biomass products and waste (% of total)	18.4	3.4
Electric power consumption per capita (kWh)	15,231	9,675
Electricity generated using fossil fuel (% of total)	2.6	62.0
Electricity generated by hydropower (% of total)	43.1	11.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.4
CO ₂ emissions per capita (metric tons)	5.4	12.6
CO ₂ emissions growth (%, 1990–2005)	-1.9	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	12 899	26 1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	18,692	9,313
Freshwater withdrawal	1.7	10.4
Total (% of internal resources) Agriculture (% of total freshwater withdrawal)	1.7 9	43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)	100	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population) Rural (% of rural population)	100 100	100 99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)	3	7
Under-five mortality rate (per 1,000 live births)	ა ა	
National accounting aggregates Gross savings (% of GNI)	27.5	20.6
Consumption of fixed capital (% of GNI)	14.7	14.5
Education expenditure (% of GNI)	7.2	4.6
Energy depletion (% of GNI)	0.0	1.5
Mineral depletion (% of GNI)	0.3	0.2
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0 0.1	0.0 0.3
Particulate emission damage (% of GNI)		0.3
Adjusted net savings (% of GNI)	19.6	8.5

Switzerland

Population (millions) **7.6** Land area (1,000 sq. km) **40.0** GDP (\$ billions) **424.4**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	60,820 73	37,572 78
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	0.7 0.7	1.0 0.7
Agriculture Agricultural land (% of land area)	38	38
Agricultural productivity (value added per worker, 2000 \$)		27,680
Food production index (1999–2001 = 100)	100	102
Population density, rural (people/sq. km of arable land)	484	323
Forests and biodiversity Forest area (% of land area)	30.5	28.8
Deforestation (average annual %, 1990–2005)	-0.4	-0.1
Nationally protected area (% of land area)	29.5	11.8
Animal species, total known	475	
Animal species, threatened Higher plant species, total known	45 3,030	
Higher plant species, total known Higher plant species, threatened	3,030	
GEF benefits index for biodiversity (0–100, median is 1.5)	0.2	
Energy	0.7	
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	9.7 3,770	6.3 5,416
Energy from biomass products and waste (% of total)	7.2	3.4
Electric power consumption per capita (kWh)	8,360	9,675
Electricity generated using fossil fuel (% of total)	1.6	62.0
Electricity generated by hydropower (% of total)	49.8	11.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.4
CO ₂ emissions per capita (metric tons)	5.5	12.6
CO ₂ emissions growth (%, 1990-2005)	-3.6	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	26 839	26 1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	5,351	9,313
Freshwater withdrawal Total (% of internal resources)	6.4	10.4
Agriculture (% of total freshwater withdrawal)	2	43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)	100	98
Urban (% of urban population) Access to improved sanitation (% of total population)	100 100	100 100
Rural (% of rural population)	100	99
Urban (% of urban population)	100	100
Environment and health		
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	 5	7
National accounting aggregates		
Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	13.9 4.8	14.5 4.6
Energy depletion (% of GNI)	0.0	1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI)	0.1 0.2	0.3
Particulate emission damage (% of GNI)		

200

2009 The Little Green Data Book

Syrian Arab Republic

184 GDP (\$ billions) Population (millions) 20 Land area (1,000 sq. km) Middle Lower East & middle-Country N. Africa income data group group GNI per capita, World Bank Atlas method (\$) 1.780 2.820 1.905 Urban population (% of total) 54 57 42 Urban population growth (average annual %, 1990-2007) 3.2 2.6 2.9 Population growth (average annual %, 1990-2007) 2.6 2.0 1.3 Agriculture Agricultural land (% of land area) 76 47 22 Agricultural productivity (value added per worker, 2000 \$) 3,382 2,313 532 Food production index (1999-2001 = 100) 120 116 116 511 Population density, rural (people/sq. km of arable land) 181 665 Forests and biodiversity 25.0 Forest area (% of land area) 25 24 Deforestation (average annual %, 1990-2005) -1.4-0.40.1 Nationally protected area (% of land area) 0.7 3.6 11.0 432 Animal species, total known Animal species, threatened 68 3.000 Higher plant species, total known Higher plant species, threatened 0 GEF benefits index for biodiversity (0-100, median is 1.5) 0.9 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 5.0 4.2 3.9 Energy use per capita (kg oil equivalent) 975 1,254 1,019 Energy from biomass products and waste (% of total) 0.0 1.2 15.2 Electric power consumption per capita (kWh) 1,466 1,418 1,269 Electricity generated using fossil fuel (% of total) 89.3 79.0 91.1 10.7 16.3 Electricity generated by hydropower (% of total) 7.4 **Emissions and pollution** CO₂ emissions per unit of GDP (kg/2005 PPP \$) 0.9 0.6 0.8 CO₂ emissions per capita (metric tons) 2.8 3.6 3.7 CO_2 emissions growth (%, 1990–2005) 90.9 96.8 935 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 75 72 67 Transport sector fuel consumption per capita (liters) 264 277 99 Water and sanitation 728 Internal freshwater resources per capita (cu. m) 352 4,117 Freshwater withdrawal Total (% of internal resources) 238 4 1223 87 Agriculture (% of total freshwater withdrawal) 80 88 86 29 29 88 Access to improved water source (% of total population) Rural (% of rural population) 82 83 81 Urban (% of urban population) 95 95 96 Access to improved sanitation (% of total population) 92 77 55 Rural (% of rural population) 88 62 43 Urban (% of urban population) 96 88 71 **Environment and health** Acute resp. infection prevalence (% of children under five) 18.0 Diarrhea prevalence (% of children under five) 8.6 Under-five mortality rate (per 1,000 live births) 17 38 50 National accounting aggregates Gross savings (% of GNI) 19.7 33.3 41.7 Consumption of fixed capital (% of GNI) 10.6 11.3 10.7 Education expenditure (% of GNI) 2.6 4.7 2.6 Energy depletion (% of GNI) 19.2 21.3 6.6 Mineral depletion (% of GNI) 0.0 0.4 1.2 Net forest depletion (% of GNI) 0.0 0.0 0.2 1.2 CO₂ damage (% of GNI) 1.3 1.0 Particulate emission damage (% of GNI) 0.9 0.6 1.1 -9.7 23.5 Adjusted net savings (% of GNI) 3.4

Tajikistan

ulation (millions) 6.7 Land area (1,000 sq. km) 140.0 GDP (\$			3.7	
	Country data	Europe & Central Asia group	Low- income group	
GNI per capita, World Bank Atlas method (\$)	460	6,052	574	
Urban population (% of total)	26	64	32	
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	0.3 1.4	0.2 0.1	3.7 2.4	
Agriculture				
Agricultural land (% of land area)	30	28	39	
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	426 158	2,228 110	330 112	
Population density, rural (people/sq. km of arable land)	518	129	603	
Forests and biodiversity				
Forest area (% of land area)	2.9 0.0	38.3 0.0	24.7 0.7	
Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area)	14.0	6.1	10.8	
Animal species, total known	427			
Animal species, threatened	28			
Higher plant species, total known Higher plant species, threatened	5,000 14			
GEF benefits index for biodiversity (0–100, median is 1.5)	0.7			
Energy				
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	2.8	3.5	3.2	
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	548 0.0	2,930 2.2	478 53.8	
Electric power consumption per capita (kWh)	2,241	3,835	309	
Electricity generated using fossil fuel (% of total)	2.3	67.7	48.4	
Electricity generated by hydropower (% of total)	97.7	17.4	38.8	
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.5	0.7	0.4	
CO ₂ emissions per capita (metric tons)	0.5	7.0	0.4	
CO ₂ emissions growth (%, 1990–2005)	-77.8	-29.3	39.3	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	50 226	27 255	69 41	
Water and sanitation				
Internal freshwater resources per capita (cu. m)	9,837	11,806	4,619	
Freshwater withdrawal Total (% of internal resources)	18.0	7.2	9.4	
Agriculture (% of total freshwater withdrawal)	92	60	90	
Access to improved water source (% of total population)	67	95	68	
Rural (% of rural population) Urban (% of urban population)	58 93	88 99	60 84	
Access to improved sanitation (% of total population)	92	89	39	
Rural (% of rural population)	91	79	33	
Urban (% of urban population)	95	94	54	
Environment and health Acute resp. infection prevalence (% of children under five)	1.0			
Diarrhea prevalence (% of children under five)	20.8			
Under-five mortality rate (per 1,000 live births)	67	23	126	
National accounting aggregates	40.0	04.0	05.4	
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	13.9 8.9	24.0 12.8	25.4 9.3	
Education expenditure (% of GNI)	3.2	4.0	2.6	
Energy depletion (% of GNI)	0.3	9.8	9.8	
Mineral depletion (% of GNI)	0.0	0.7	0.9	
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0 1.3	0.0 1.0	0.8 0.7	
Particulate emission damage (% of GNI)	0.4	0.5	0.7	
Adjusted net savings (% of GNI)	6.3	3.2	5.8	

2009 The Little Green D

Tanzania

Population (millions) 40 Land area (1,000 sq. km)	886 GDP (\$ billions)		1,000 sq. km) 886 GDP (\$ billions) 16.2
	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	410	951	574
Urban population (% of total)	25 4.4	36 4.0	32 3.7
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	2.7	2.6	2.4
Agriculture			
Agricultural land (% of land area)	39	44	39
Agricultural productivity (value added per worker, 2000 \$)	306	287	330
Food production index (1999–2001 = 100) Population density, rural (people/sq. km of arable land)	109 317	109 351	112 603
Forests and biodiversity			
Forest area (% of land area)	39.8	26.5	24.7
Deforestation (average annual %, 1990–2005)	1.1	0.6	0.7
Nationally protected area (% of land area) Animal species, total known	38.7 1,431	11.3	10.8
Animal species, total known Animal species, threatened	349		
Higher plant species, total known	10,008		
Higher plant species, threatened	240		
GEF benefits index for biodiversity (0–100, median is 1.5)	14.8		
Energy CDB pay upit of opergy use (2005 BBB \$ /kg oil equivalent)	2.1	3.0	3.2
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	527	670	478
Energy from biomass products and waste (% of total)	91.0	56.3	53.8
Electric power consumption per capita (kWh)	59	531	309
Electricity generated using fossil fuel (% of total)	48.3	65.6	48.4
Electricity generated by hydropower (% of total)	51.7	18.0	38.8
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.1	0.5	0.4
CO ₂ emissions per capita (metric tons)	0.1	0.8	0.6
CO ₂ emissions growth (%, 1990–2005)	100.2	40.1	39.3
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	25 27	53 64	69 41
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	2,078	4,824	4,619
Total (% of internal resources)	6.2	3.2	9.4
Agriculture (% of total freshwater withdrawal)	89	87 58	90 68
Access to improved water source (% of total population) Rural (% of rural population)	55 46	36 46	60
Urban (% of urban population)	81	81	84
Access to improved sanitation (% of total population)	33	31	39
Rural (% of rural population) Urban (% of urban population)	34 31	24 42	33 54
Environment and health			
Acute resp. infection prevalence (% of children under five)	8.1		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	12.6 116	146	126
	110	140	120
National accounting aggregates Gross savings (% of GNI)		17.4	25.4
Consumption of fixed capital (% of GNI)	8.2	11.1	9.3
Education expenditure (% of GNI)	2.4	3.6	2.6
Energy depletion (% of GNI)	0.5	11.7	9.8
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	5.6 0.0	1.5 0.5	0.9 0.8
CO ₂ damage (% of GNI)	0.0	0.7	0.5
Particulate emission damage (% of GNI)	0.1	0.4	0.7
Adjusted net savings (% of GNI)		-5.0	5.8

Thailand

Population (millions) 64 Land area (1,000 sq. km)	511 GDP (\$ billions		GDP (\$ billions) 245.4
	Country data	East Asia & Pacific group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	3,400	, -	1,905
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	33 1.6		42 2.9
Population growth (average annual %, 1990-2007)	1.0		1.3
Agriculture			
Agricultural land (% of land area)	36		47
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	615 103		532 116
Population density, rural (people/sq. km of arable land)	300		511
Forests and biodiversity			
Forest area (% of land area)	28.4		
Deforestation (average annual %, 1990–2005)	0.6 19.9	-0.1 14.0	0.1 11.0
Nationally protected area (% of land area) Animal species, total known	1,271	14.0	11.0
Animal species, total known Animal species, threatened	357		
Higher plant species, total known	11,625		
Higher plant species, threatened	86		
GEF benefits index for biodiversity (0-100, median is 1.5)	8.0		
Energy CDP per unit of energy use (2005 PPP \$ /kg oil equivalent)	4.5	3.4	3.9
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	1,630		1,019
Energy from biomass products and waste (% of total)	16.6	,	15.2
Electric power consumption per capita (kWh)	2,080		1,269
Electricity generated using fossil fuel (% of total)	91.9		79.0
Electricity generated by hydropower (% of total)	5.9	15.0	16.3
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.6	0.9	0.8
CO ₂ emissions per capita (metric tons)	4.3	3.6	2.8
CO ₂ emissions growth (%, 1990–2005)	182.9	123.4	93.5
Particulate matter (urban-popweighted avg., µg/cu. m)	71	69	67
Transport sector fuel consumption per capita (liters)	314	106	99
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	3,290	4,948	4,117
Total (% of internal resources)	41.5	10.2	8.7
Agriculture (% of total freshwater withdrawal)	95		80
Access to improved water source (% of total population)	98 97	87 81	88 82
Rural (% of rural population) Urban (% of urban population)	99	96	96
Access to improved sanitation (% of total population)	96		55
Rural (% of rural population)	96		43
Urban (% of urban population)	95	75	71
Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)			
Under-five mortality rate (per 1,000 live births)	7	27	50
National accounting aggregates			
Gross savings (% of GNI)	34.0	48.0	41.7
Consumption of fixed capital (% of GNI)	11.8		10.7
Education expenditure (% of GNI) Energy depletion (% of GNI)	4.8 4.1	2.1 4.9	2.6 6.6
Mineral depletion (% of GNI)	0.0		1.2
Net forest depletion (% of GNI)	0.2	0.0	0.2
CO ₂ damage (% of GNI)	0.9		
Particulate emission damage (% of GNI)	0.4 21.4		1.1 23.5
Adjusted net savings (% of GNI)	21.4	30.6	23.5

204 2009 The Little Green Data Book

Timor-Leste

Population (millions) 1.1 Land area (1,000 sq. km) 14.9 GDP (\$ billions) 395

	Country data	East Asia & Pacific group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	1,510	, -	1,905
Urban population (% of total) Urban population growth (average annual %, 1990-2007)	27 3.6		42 2.9
Population growth (average annual %, 1990–2007)	2.1	1.1	1.3
Agriculture			
Agricultural land (% of land area)	23		47
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	114	458 120	532 116
Population density, rural (people/sq. km of arable land)	591	547	511
Forests and biodiversity			
Forest area (% of land area)	53.7	28.4	
Deforestation (average annual %, 1990-2005) Nationally protected area (% of land area)	1.3 6.3	-0.1 14.0	0.1 11.0
Animal species, total known	0.5	14.0	11.0
Animal species, threatened	15		
Higher plant species, total known			
Higher plant species, threatened	0 0.6		
GEF benefits index for biodiversity (0-100, median is 1.5)	0.0		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.4	3.9
Energy use per capita (kg oil equivalent)		1,258	1,019
Energy from biomass products and waste (% of total)		14.7	15.2
Electric power consumption per capita (kWh)		1,669 82.0	1,269 79.0
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)		15.0	16.3
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.9	0.8
CO ₂ emissions per capita (metric tons)	0.2	3.6	
CO ₂ emissions growth (%, 1990–2005)		123.4	93.5
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)		69 106	67 99
Water and sanitation			
Internal freshwater resources per capita (cu. m)		4,948	4,117
Freshwater withdrawal Total (% of internal resources)		10.2	8.7
Agriculture (% of total freshwater withdrawal)		74	80
Access to improved water source (% of total population)	62	87	88
Rural (% of rural population)	56		82
Urban (% of urban population) Access to improved sanitation (% of total population)	77 41	96 66	96 55
Rural (% of rural population)	32	59	43
Urban (% of urban population)	64	75	71
Environment and health			
Acute resp. infection prevalence (% of children under five)	14.0		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	 97	27	50
· · · · · · · · · · · · · · · · · · ·	31		30
National accounting aggregates Gross savings (% of GNI)		48.0	41.7
Consumption of fixed capital (% of GNI)	1.9	10.7	10.7
Education expenditure (% of GNI)		2.1	2.6
Energy depletion (% of GNI)	0.0		6.6 1.2
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.0	0.0	
CO ₂ damage (% of GNI)	0.1	1.3	1.2
Particulate emission damage (% of GNI)		1.3	1.1
Adjusted net savings (% of GNI)		30.6	23.5

Togo

Population (millions) 6.6 Land area (1,000 sq. km)	54.4 GDP (\$ billions)		2.5
	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	360	951	574
Urban population (% of total)	41	36	
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	4.8 3.0	4.0 2.6	
	3.0	2.0	2.4
Agriculture Agricultural land (% of land area)	67	44	39
Agricultural land (% of land alea) Agricultural productivity (value added per worker, 2000 \$)	353	287	330
Food production index (1999–2001 = 100)	112	109	
Population density, rural (people/sq. km of arable land)	151	351	603
Forests and biodiversity			
Forest area (% of land area)	7.1	26.5	
Deforestation (average annual %, 1990–2005)	3.8	0.6	
Nationally protected area (% of land area) Animal species, total known	11.1 740	11.3	10.8
Animal species, total known Animal species, threatened	34		
Higher plant species, total known	3,085		
Higher plant species, threatened	10		
GEF benefits index for biodiversity (0-100, median is 1.5)	0.3		
Energy	2.0	0.0	0.0
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	2.0 375	3.0 670	
Energy from biomass products and waste (% of total)	84.5	56.3	
Electric power consumption per capita (kWh)	97	531	
Electricity generated using fossil fuel (% of total)	57.5	65.6	
Electricity generated by hydropower (% of total)	41.2	18.0	38.8
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3 0.2	0.5	
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	79.0	0.8 40.1	
Particulate matter (urban-popweighted avg., µg/cu. m)	35	53	
Transport sector fuel consumption per capita (liters)	34	64	41
Water and sanitation			
Internal freshwater resources per capita (cu. m)	1,748	4,824	4,619
Freshwater withdrawal Total (% of internal resources)	1.5	3.2	9.4
Agriculture (% of total freshwater withdrawal)	45	87	90
Access to improved water source (% of total population)	59	58	
Rural (% of rural population)	40	46	
Urban (% of urban population)	86 12	81	
Access to improved sanitation (% of total population) Rural (% of rural population)	3	31 24	39 33
Urban (% of urban population)	24	42	54
Environment and health			
Acute resp. infection prevalence (% of children under five)	9.0		
Diarrhea prevalence (% of children under five)	31.1		
Under-five mortality rate (per 1,000 live births)	100	146	126
National accounting aggregates			
Gross savings (% of GNI)		17.4	25.4
	8.3	11.1 3.6	9.3 2.6
Consumption of fixed capital (% of GNI)	0 5		2.0
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	2.5 0.0		9.8
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI)	2.5 0.0 0.6	11.7 1.5	
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.0 0.6 2.6	11.7 1.5 0.5	0.8
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	0.0 0.6	11.7 1.5 0.5	0.9 0.8 0.7

206

2009 The Little Green Data Book

Tonga

Population (thousands) 102 Land area (sq. km)	720 GD	P (\$ millions	s) 253
	Country data	East Asia & Pacific group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	2,480		1,905
Urban population (% of total)	25	43	42
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	0.9 0.5	3.5 1.1	2.9 1.3
Agriculture Agricultural land (% of land area)	42	51	47
Agricultural productivity (value added per worker, 2000 \$)			
Food production index (1999-2001 = 100)	103	120	116
Population density, rural (people/sq. km of arable land)	514	547	511
Forests and biodiversity			
Forest area (% of land area)	5.0 0.0		25.0 0.1
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	8.6		
Animal species, total known	51	1	1110
Animal species, threatened	52		
Higher plant species, total known	463		
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	4 1.0		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.4	3.9
Energy use per capita (kg oil equivalent)		1,258	1,019
Energy from biomass products and waste (% of total)		14.7	15.2
Electric power consumption per capita (kWh)		1,669	1,269
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)		82.0 15.0	79.0 16.3
		10.0	10.0
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.9	0.8
CO ₂ emissions per capita (metric tons)	1.2	3.6	2.8
CO ₂ emissions growth (%, 1990–2005)	52.4	123.4	93.5
Particulate matter (urban-popweighted avg., µg/cu. m)		69	67
Transport sector fuel consumption per capita (liters)		106	99
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal		4,948	4,117
Total (% of internal resources)		10.2	8.7
Agriculture (% of total freshwater withdrawal)		74	80
Access to improved water source (% of total population)	100		88
Rural (% of rural population) Urban (% of urban population)	100 100		82 96
Access to improved sanitation (% of total population)	96		55
Rural (% of rural population)	96		43
Urban (% of urban population)	98	75	71
Environment and health Acute resp. infection prevalence (% of children under five)			
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	23	27	50
National accounting aggregates		48.0	41.7
	5.4	40.0	10.7
	5.4 10.4		10.7
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)		10.7	
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI)	10.4 3.8 0.0	10.7 2.1 4.9	2.6 6.6
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	10.4 3.8 0.0 0.0	10.7 2.1 4.9 1.3	2.6 6.6 1.2
Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI) CO., damage (% of GNI)	10.4 3.8 0.0 0.0 0.0	10.7 2.1 4.9 1.3 0.0	2.6 6.6 1.2 0.2
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	10.4 3.8 0.0 0.0	10.7 2.1 4.9 1.3	2.6 6.6 1.2

Trinidad and Tobago

Population (millions) 1.3 Land area (1,000 sq. km) 5.1 GDP (\$ billions) 20.9

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	14,480	37,572
Urban population (% of total)	13	78
Urban population growth (average annual %, 1990–2007)	2.9	1.0
Population growth (average annual %, 1990-2007)	0.5	0.7
Agriculture Agricultural land (% of land area)	26	38
Agricultural productivity (value added per worker, 2000 \$)	1.408	27,680
Food production index (1999–2001 = 100)	114	102
Population density, rural (people/sq. km of arable land)	1,550	323
Forests and biodiversity		
Forest area (% of land area)	44.1	28.8
Deforestation (average annual %, 1990–2005)	0.3	-0.1
Nationally protected area (% of land area)	4.7	11.8
Animal species, total known	551 47	
Animal species, threatened Higher plant species, total known	2,259	
Higher plant species, total known Higher plant species, threatened	2,239	
GEF benefits index for biodiversity (0–100, median is 1.5)	2.2	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	2.0	6.3
Energy use per capita (kg oil equivalent)	10,768	5,416
Energy from biomass products and waste (% of total)	0.2	3.4
Electric power consumption per capita (kWh)	5,006	9,675
Electricity generated using fossil fuel (% of total)	99.6	62.0
Electricity generated by hydropower (% of total)	0.0	11.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	1.3	0.4
CO ₂ emissions per dant of dbr (kg/2003111 \$\pi\$)	24.7	12.6
CO ₂ emissions growth (%, 1990–2005)	93.1	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	101	26
Transport sector fuel consumption per capita (liters)	607	1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	2,881	9,313
Freshwater withdrawal	0.4	40.4
Total (% of internal resources) Agriculture (% of total freshwater withdrawal)	8.1 6	10.4 43
Access to improved water source (% of total population)	94	100
Rural (% of rural population)	93	98
Urban (% of urban population)	97	100
Access to improved sanitation (% of total population)	92	100
Rural (% of rural population)	92	99
Urban (% of urban population)	92	100
Environment and health		
Acute resp. infection prevalence (% of children under five)	3.0	
Diarrhea prevalence (% of children under five)	- ::	_
Under-five mortality rate (per 1,000 live births)	35	7
National accounting aggregates	21.0	20.6
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	31.0 14.0	20.6 14.5
Education expenditure (% of GNI)	4.0	14.5 4.6
Energy depletion (% of GNI)	41.9	1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI)	1.6	0.3
Particulate emission damage (% of GNI)	0.3	0.3
	-22.8	8.5

208

Tunisia

	155 GD	P (\$ billions)	35.0
	Country data	Middle East & N. Africa group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	3,210	2,820	1,905
Urban population (% of total)	66	57	42
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	2.1 1.3	2.6 2.0	2.9 1.3
Agriculture			
Agricultural land (% of land area)	63	22	47
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	2,630 109	2,313 116	532 116
Population density, rural (people/sq. km of arable land)	128	665	511
Forests and biodiversity	0.0	0.4	05.0
Forest area (% of land area)	6.8 -3.4	2.4 -0.4	
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	-3.4 1.5	3.6	11.0
Animal species, total known	438	0.0	11.0
Animal species, threatened	54		
Higher plant species, total known	2,196		
Higher plant species, threatened GEF benefits index for biodiversity (0–100, median is 1.5)	0 0.5		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	7.8	5.0	3.9
Energy use per capita (kg oil equivalent)	863	1,254	1,019
Energy from biomass products and waste (% of total)	13.3	1.2	15.2
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	1,221 99.1	1,418 91.1	1,269 79.0
Electricity generated using rossil rule (% of total)	0.7	7.4	16.3
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.6	
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	2.2 65.7	3.7 96.8	2.8 93.5
Particulate matter (urban-popweighted avg., µg/cu. m)	30	72	67
Transport sector fuel consumption per capita (liters)	165	277	99
Water and sanitation	110	700	4 4 4 7
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	410	728	4,117
Total (% of internal resources)	62.9	122.3	8.7
Agriculture (% of total freshwater withdrawal)	82	86	80
Access to improved water source (% of total population) Rural (% of rural population)	94 84	89 81	88 82
Urban (% of urban population)	99	95	96
Access to improved sanitation (% of total population)	85	77	55
Rural (% of rural population)	64	62	43
Urban (% of urban population)	96	88	71
Environment and health Acute resp. infection prevalence (% of children under five)	9.0		
Diarrhea prevalence (% of children under five)	9.0 5.8		
Under-five mortality rate (per 1,000 live births)	21	38	50
National accounting aggregates			
Gross savings (% of GNI)	23.9	33.3	41.7
Concumption of fixed conital (0) of CNII)	11.8 6.7	11.3 4.7	10.7 2.6
Consumption of fixed capital (% of GNI)		21.3	
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI)	4.6		
Education expenditure (% of GNI)	0.6	0.4	1.2
Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.6 0.1	0.4 0.0	0.2
Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	0.6	0.4	0.2 1.2

Turkey

Population (millions) 74 Land area (1,000 sq. km)	770 GD	P (\$ billions	655.9
	Country data	Europe & Central Asia group	Upper middle- income group
GNI per capita, World Bank Atlas method (\$)	8,030	6,052	7,107
Urban population (% of total)	68		75
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	2.4 1.6		1.4 0.9
Agriculture			
Agricultural land (% of land area)	54	28	
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	1,946 107	2,228 110	
Population density, rural (people/sq. km of arable land)	99	129	110
Forests and biodiversity			
Forest area (% of land area)	13.2	38.3	
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	-0.3 1.6		0.2 10.3
Animal species, total known	581	0.1	10.0
Animal species, threatened	128		
Higher plant species, total known	8,650		
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	3 6.2		
	0.2		
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	8.9	3.5	4.8
Energy use per capita (kg oil equivalent)	1,288		
Energy from biomass products and waste (% of total)	5.5	2.2	7.0
Electric power consumption per capita (kWh)	2,053		
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	74.7 25.1	67.7 17.4	62.8 27.6
Emissions and pollution			2
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.7	0.5
CO ₂ emissions per capita (metric tons)	3.4		
CO ₂ emissions growth (%, 1990–2005)	75.2	-29.3	
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	40 176	27 255	30 332
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	3,072	11,806	16,993
Total (% of internal resources)	17.7	7.2	13.8
Agriculture (% of total freshwater withdrawal)	74	60	57
Access to improved water source (% of total population)	97	95	95
Rural (% of rural population)	95	88	83
Urban (% of urban population) Access to improved sanitation (% of total population)	98 88		98 83
Rural (% of rural population)	72		
Urban (% of urban population)	96	94	89
Environment and health			
Acute resp. infection prevalence (% of children under five)	29.0		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	29.7 23	23	24
National accounting aggregates			
	16.0	24.0	23.2
Gross savings (% of GNI)	12.7		
Consumption of fixed capital (% of GNI)		4.0	4.4
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	3.7		7 /
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI)	0.2	9.8	
Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Education expenditure (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)		9.8 0.7	1.3
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.2 0.1	9.8 0.7 0.0	1.3 0.0 0.6
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.2 0.1 0.0	9.8 0.7 0.0 1.0 0.5	1.3 0.0 0.6 0.4

210

Turkmenistan

Population (millions) 5.0 Land area (1,000 sq. km) 469.9 GDP (\$ billions) 12.9

	Country data	Europe & Central Asia group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	650	-,	1,905
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	48 2.2		
Population growth (average annual %, 1990-2007)	1.8	0.2	1.3
Agriculture			
Agricultural land (% of land area)	70		
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	144	2,228 110	
Population density, rural (people/sq. km of arable land)	111	129	511
Forests and biodiversity			
Forest area (% of land area)	8.8		25.0
Deforestation (average annual %, 1990–2005)	0.0		
Nationally protected area (% of land area) Animal species, total known	2.7 421	6.1	11.0
Animal species, total known Animal species, threatened	421		
Higher plant species, total known			
Higher plant species, threatened	3		
GEF benefits index for biodiversity (0-100, median is 1.5)	1.8		
Energy	4.4	2.5	2.0
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	1.4 3,524		
Energy from biomass products and waste (% of total)	0.0		15.2
Electric power consumption per capita (kWh)	2,123		1,269
Electricity generated using fossil fuel (% of total)	100.0		79.0
Electricity generated by hydropower (% of total)	0.0	17.4	16.3
Emissions and pollution	4.0	0.7	0.0
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	1.8 8.6		0.8 2.8
CO ₂ emissions growth (%, 1990–2005)	29.9		93.5
Particulate matter (urban-popweighted avg., µg/cu. m)	55	27	67
Transport sector fuel consumption per capita (liters)	217	255	99
Water and sanitation			
Internal freshwater resources per capita (cu. m)	274	11,806	4,117
Freshwater withdrawal Total (% of internal resources)	1,812.5	7.2	8.7
Agriculture (% of total freshwater withdrawal)	98	60	80
Access to improved water source (% of total population)		95	88
Rural (% of rural population)		88	82
Urban (% of urban population)		99 89	96 55
Access to improved sanitation (% of total population) Rural (% of rural population)		89 79	55 43
Urban (% of urban population)		94	71
Environment and health			
Acute resp. infection prevalence (% of children under five)	1.0		
Diarrhea prevalence (% of children under five)	3.2		
Under-five mortality rate (per 1,000 live births)	50	23	50
National accounting aggregates		04.5	
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	 11.1	24.0 12.8	41.7 10.7
Education expenditure (% of GNI)	11.1	4.0	2.6
Energy depletion (% of GNI)	92.6		
Mineral depletion (% of GNI)	0.0	0.7	1.2
Net forest depletion (% of GNI)		0.0	0.2
CO ₂ damage (% of GNI)	2.5	1.0	
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)	1.0	0.5 3.2	1.1 23.5
najasta net savings (70 or anti)		3.2	23.3

Uganda

Population (millions) 31 Land area (1,000 sq. km)	197 GD	.97 GDP (\$ billions) 1	
	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	370	951	574
Urban population (% of total)	13	36	32
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	4.1 3.2	4.0 2.6	3.7 2.4
	5.2	2.0	2.7
Agriculture Agricultural land (% of land area)	64	44	39
Agricultural productivity (value added per worker, 2000 \$)	179	287	330
Food production index (1999–2001 = 100)	109	109	112
Population density, rural (people/sq. km of arable land)	469	351	603
Forests and biodiversity			
Forest area (% of land area)	18.4	26.5	
Deforestation (average annual %, 1990–2005)	2.0	0.6 11.3	0.7
Nationally protected area (% of land area) Animal species, total known	31.9 1,375	11.3	10.8
Animal species, total known Animal species, threatened	1,373		
Higher plant species, total known	4,900		
Higher plant species, threatened	38		
GEF benefits index for biodiversity (0-100, median is 1.5)	2.8		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.0	3.2
Energy use per capita (kg oil equivalent)		670	478 53.8
Energy from biomass products and waste (% of total) Electric power consumption per capita (kWh)		56.3 531	309
Electricity generated using fossil fuel (% of total)		65.6	48.4
Electricity generated by hydropower (% of total)		18.0	38.8
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.09	0.49	0.39
CO ₂ emissions per capita (metric tons)	0.08	0.85	0.58
CO ₂ emissions growth (%, 1990–2005)	183.8	40.1	39.3
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	12	53 64	69 41
Water and sanitation			
Internal freshwater resources per capita (cu. m)	1,261	4,824	4,619
Freshwater withdrawal			
Total (% of internal resources)		3.2	9.4
Agriculture (% of total freshwater withdrawal)	64	87 58	90 68
Access to improved water source (% of total population) Rural (% of rural population)	60	46	60
Urban (% of urban population)	90	81	84
Access to improved sanitation (% of total population)	33	31	39
Rural (% of rural population)	34	24	33
Urban (% of urban population)	29	42	54
Environment and health			
Acute resp. infection prevalence (% of children under five)	22.0		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	19.6 130	146	126
	130	140	120
National accounting aggregates Gross savings (% of GNI)	14.0	17.4	25.4
Consumption of fixed capital (% of GNI)	8.3	11.1	9.3
Education expenditure (% of GNI)	4.0		
Energy depletion (% of GNI)	0.0		
Mineral depletion (% of GNI)	0.0		
Net forest depletion (% of GNI)	4.6	0.5	0.8
CO ₂ damage (% of GNI)	0.1	0.7	
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)	4 9	0.4 -5.0	
Adjusted net savings (% of GNI)	4.9	-5.0	5.

Ukraine

Population (millions) 47 Land area (1,000 sq. km)	579 GD	P (\$ billions	(\$ billions) 141.2	
	Country data	Europe & Central Asia group	Lower middle- income group	
GNI per capita, World Bank Atlas method (\$)	2,560	6,052		
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	68 -0.5	64 0.2		
Population growth (average annual %, 1990-2007)	-0.5	0.2	1.3	
Agriculture				
Agricultural land (% of land area)	71	28		
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	1,872 118	2,228 110		
Population density, rural (people/sq. km of arable land)	47	129		
Forests and biodiversity				
Forest area (% of land area)	16.5	38.3		
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	-0.2 3.3	0.0 6.1		
Animal species, total known	3.3 445	0.1	11.0	
Animal species, total known Animal species, threatened	59			
Higher plant species, total known	5,100			
Higher plant species, threatened	1			
GEF benefits index for biodiversity (0-100, median is 1.5)	0.5			
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	2.1	3.5	3.9	
Energy use per capita (kg oil equivalent)	2,937	2,930		
Energy from biomass products and waste (% of total)	0.4	2,330	,	
Electric power consumption per capita (kWh)	3,400	3,835		
Electricity generated using fossil fuel (% of total)	46.6	67.7		
Electricity generated by hydropower (% of total)	6.7	17.4	16.3	
Emissions and pollution	1.2	0.7	0.8	
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	6.9	7.0		
CO ₂ emissions growth (%, 1990–2005)	-52.2	-29.3	93.5	
Particulate matter (urban-popweighted avg., µg/cu. m)	21	27	67	
Transport sector fuel consumption per capita (liters)	189	255	99	
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	1,142	11,806	4,117	
Total (% of internal resources)	70.7	7.2	8.7	
Agriculture (% of total freshwater withdrawal)	52	60		
Access to improved water source (% of total population)	97	95		
Rural (% of rural population)	97	88		
Urban (% of urban population) Access to improved sanitation (% of total population)	97 93	99 89		
Rural (% of rural population)	83	79		
Urban (% of urban population)	97	94		
Environment and health Acute resp. infection prevalence (% of children under five)				
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	 24	23	50	
National accounting aggregates				
Gross savings (% of GNI)	23.1	24.0	41.7	
Consumption of fixed capital (% of GNI)	11.2	12.8		
Education expenditure (% of GNI)	4.4	4.0		
Energy depletion (% of GNI)	3.0	9.8		
Mineral depletion (% of GNI)	0.0	0.7		
Net forest depletion (% of GNI)	0.0	0.0		
	2 2			
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	2.2 0.3	1.0 0.5		

United Arab Emirates

Population (millions) **4.4** Land area (1,000 sq. km) **83.6** GDP (\$ billions) **163.3**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$) Urban population (% of total)	26,270 78	37,572 78
Urban population growth (average annual %, 1990-2007) Population growth (average annual %, 1990-2007)	4.9 5.0	1.0 0.7
Agriculture	7	38
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	27,487	27,680
Food production index (1999–2001 = 100)	66	102
Population density, rural (people/sq. km of arable land)	1,430	323
Forests and biodiversity Forest area (% of land area)	3.7	28.8
Deforestation (average annual %, 1990–2005)	-1.6	-0.1
Nationally protected area (% of land area)	0.2	11.8
Animal species, total known	298	
Animal species, threatened Higher plant species, total known	42	
Higher plant species, threatened		
GEF benefits index for biodiversity (0-100, median is 1.5)	0.2	
Energy CDD pay unit of anarquina (2005 DDD \$ /leg oil aguivalent)	4.7	6.2
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	4.7 11,036	6.3 5.416
Energy from biomass products and waste (% of total)	0.0	3.4
Electric power consumption per capita (kWh)	14,567	9,675
Electricity generated using fossil fuel (% of total)	100.0 0.0	62.0 11.4
Electricity generated by hydropower (% of total)	0.0	11.4
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.6	0.4
CO ₂ emissions per capita (metric tons)	30.1	12.6
CO ₂ emissions growth (%, 1990–2005)	126.3	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	127 2,044	26 1,159
Water and sanitation		
Internal freshwater resources per capita (cu. m)	34	9,313
Freshwater withdrawal Total (% of internal resources)	2,665.3	10.4
Agriculture (% of total freshwater withdrawal)	83	43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)	100	98
Urban (% of urban population) Access to improved sanitation (% of total population)	100 97	100 100
Rural (% of rural population)	95	99
Urban (% of urban population)	98	100
Environment and health		
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	6.2 8.8	
Under-five mortality rate (per 1,000 live births)	8	7
National accounting aggregates		
Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI)		14.5 4.6
Education expenditure (% of GNI) Energy depletion (% of GNI)		4.6 1.5
Mineral depletion (% of GNI)		0.2
Net forest depletion (% of GNI)		0.0
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)		0.3 0.3
Adjusted net savings (% of GNI)		8.5
.,		

214

United Kingdom

Population (millions) **61** Land area (1,000 sq. km) **242** GDP (\$ billions) **2,772.0**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	40,660	37,572
Urban population (% of total)	90	78
Urban population growth (average annual %, 1990–2007)	0.5	1.0
Population growth (average annual %, 1990–2007)	0.4	0.7
Agriculture Agricultural land (% of land area)	70	38
Agricultural productivity (value added per worker, 2000 \$)	27,701	27,680
Food production index (1999–2001 = 100)	98	102
Population density, rural (people/sq. km of arable land)	108	323
Forests and biodiversity		
Forest area (% of land area)	11.8	28.8
Deforestation (average annual %, 1990–2005)	-0.6	-0.1
Nationally protected area (% of land area) Animal species, total known	19.6 660	11.8
Animal species, total known Animal species, threatened	51	
Higher plant species, total known	1,623	
Higher plant species, threatened	14	
GEF benefits index for biodiversity (0–100, median is 1.5)	3.5	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	8.6	6.3
Energy use per capita (kg oil equivalent)	3,814	5,416
Energy from biomass products and waste (% of total)	1.7	3.4
Electric power consumption per capita (kWh) Electricity generated using fossil fuel (% of total)	6,185 75.6	9,675 62.0
Electricity generated using lossifider (% of total)	1.2	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.3	0.4
CO ₂ emissions per capita (metric tons)	9.1	12.6
CO ₂ emissions growth (%, 1990–2005)	-4.0	19.1
Particulate matter (urban-popweighted avg., µg/cu. m)	15	26
Transport sector fuel consumption per capita (liters)	779	1,159
Water and sanitation	2 277	0.212
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	2,377	9,313
Total (% of internal resources)	6.6	10.4
Agriculture (% of total freshwater withdrawal)	3	43
Access to improved water source (% of total population)	100	100
Rural (% of rural population)	100	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)		100
Rural (% of rural population)		99
Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	6	7
National accounting aggregates	15.7	20.6
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)	14.7	14.5
Education expenditure (% of GNI)	5.0	4.6
Energy depletion (% of GNI)	1.5	1.5
Mineral depletion (% of GNI)	0.0	0.2
Net forest depletion (% of GNI)	0.0	0.0
CO ₂ damage (% of GNI)	0.2	0.3
Particulate emission damage (% of GNI)	0.0	0.3
Adjusted net savings (% of GNI)	4.3	8.5

The Little Green Data Book 2009

United States

Population (millions) **302** Land area (1,000 sq. km) **9,162** GDP (\$ billions) **13,751.4**

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)	46,040	37,572
Urban population (% of total)	81	78
Urban population growth (average annual %, 1990–2007)	1.6 1.1	1.0 0.7
Population growth (average annual %, 1990–2007)	1.1	0.7
Agriculture Agricultural land (% of land area)	45	38
Agricultural productivity (value added per worker, 2000 \$)	47,463	27,680
Food production index (1999-2001 = 100)	105	102
Population density, rural (people/sq. km of arable land)	33	323
Forests and biodiversity	33.1	28.8
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	-0.1	28.8 -0.1
Nationally protected area (% of land area)	15.1	11.8
Animal species, total known	1,356	11.0
Animal species, total known Animal species, threatened	948	
Higher plant species, total known	19,473	
Higher plant species, threatened	244	
GEF benefits index for biodiversity (0-100, median is 1.5)	94.2	
Energy		
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	5.5	6.3
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	7,768 3.4	5,416 3.4
Electric power consumption per capita (kWh)	13,564	9,675
Electricity generated using fossil fuel (% of total)	71.3	62.0
Electricity generated by hydropower (% of total)	6.8	11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.5	0.4
CO ₂ emissions per capita (metric tons)	19.5	12.6
CO ₂ emissions growth (%, 1990–2005)	20.4	19.1
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	21 2,016	26 1,159
Water and sanitation	,	
Internal freshwater resources per capita (cu. m)	9,283	9,313
Freshwater withdrawal	-,	-,
Total (% of internal resources)	17.1	10.4
Agriculture (% of total freshwater withdrawal)	41	43
Access to improved water source (% of total population)	99	100
Rural (% of rural population)	94	98
Urban (% of urban population)	100	100
Access to improved sanitation (% of total population)	100	100
Rural (% of rural population) Urban (% of urban population)	99 100	99 100
Environment and health	100	
Acute resp. infection prevalence (% of children under five)		
Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)	8	7
National accounting aggregates		
Gross savings (% of GNI)	14.0	20.6
Consumption of fixed capital (% of GNI)	14.8	14.5
Education expenditure (% of GNI)	4.8	4.6
Energy depletion (% of GNI)	1.2	1.5
Mineral depletion (% of GNI)	0.1	0.2
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.0 0.3	0.0
Particulate emission damage (% of GNI)	0.3	0.3
Adjusted net savings (% of GNI)	2.0	8.5
Majaotoa not ouvingo (70 or arti)	2.0	0.0

216 2009 The Little Green Data Book

Green09 0427.indd 216 4/28/09 11:12:b0 AM

Uruguay

Population (millions) 3.3 Land area (1,000 sq. km)	175.0 GI	OP (\$ billions)	23.1
	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	6,390		7,107
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	92 0.6		75 1.4
Population growth (average annual %, 1990–2007)	0.4		0.9
Agriculture Agricultural land (% of land area)	85 8,482		31 2,947
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)		117	113
Population density, rural (people/sq. km of arable land)	19	232	110
Forests and biodiversity Forest area (% of land area)	8.6	45.4	39.3
Deforestation (average annual %, 1990-2005)	-3.5		0.2
Nationally protected area (% of land area)	0.3		10.3
Animal species, total known	532	!	
Animal species, threatened	71		
Higher plant species, total known	2,278		
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	1 1.2		
Energy	1.2	•	
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	10.3	7.3	4.8
Energy use per capita (kg oil equivalent)	962		2,300
Energy from biomass products and waste (% of total)	14.9	15.9	7.0
Electric power consumption per capita (kWh)	2,042		3,242
Electricity generated using fossil fuel (% of total)	35.2		62.8
Electricity generated by hydropower (% of total) Emissions and pollution	64.0	57.3	27.6
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.2	0.3	0.5
CO ₂ emissions per capita (metric tons)	1.7	2.5	5.5
CO ₂ emissions growth (%, 1990–2005)	42.2		-8.3
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	175 258		30 332
Water and sanitation			
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	17,750		16,993
Total (% of internal resources)	5.3		13.8 57
Agriculture (% of total freshwater withdrawal) Access to improved water source (% of total population)	96 100		95
Rural (% of rural population)	100		83
Urban (% of urban population)	100		98
Access to improved sanitation (% of total population)	100		83
Rural (% of rural population) Urban (% of urban population)	99 100		64 89
Environment and health	100	00	- 03
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)			
Under-five mortality rate (per 1,000 live births)	14	26	24
National accounting aggregates			
Gross savings (% of GNI)	13.4		23.2
Consumption of fixed capital (% of GNI)	12.5 2.6		12.8 4.4
Education expenditure (% of GNI) Energy depletion (% of GNI)	0.0		4.4 7.6
Mineral depletion (% of GNI)	0.0		1.3
Net forest depletion (% of GNI)	0.3		0.0
CO ₂ damage (% of GNI)	0.2	0.3	0.6
Particulate emission damage (% of GNI)	1.9		0.4
Adjusted net savings (% of GNI)	1.2	6.7	4.9

Uzbekistan

Population (millions) 27 Land area (1,000 sq. km)	425 GD	425 GDP (\$ billions)		425 GDP (\$ billions)	
	Country data	Europe & Central Asia group	Low- income group		
GNI per capita, World Bank Atlas method (\$)	730	6,052	574		
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	37 1.1	64 0.2			
Population growth (average annual %, 1990-2007)	1.6		2.4		
Agriculture					
Agricultural land (% of land area)	66				
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	1,927 119	, -			
Population density, rural (people/sq. km of arable land)	352	129			
Forests and biodiversity					
Forest area (% of land area)	7.7				
Deforestation (average annual %, 1990–2005)	-0.5 2.0				
Nationally protected area (% of land area) Animal species, total known	434		10.		
Animal species, threatened	37				
Higher plant species, total known	4,800				
Higher plant species, threatened	15				
GEF benefits index for biodiversity (0-100, median is 1.5)	1.1				
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	1.2	3.5	3.:		
Energy use per capita (kg oil equivalent)	1,829				
Energy from biomass products and waste (% of total)	0.0	2.2			
Electric power consumption per capita (kWh)	1,694				
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	87.2 12.8				
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005) Particulate matter (urban-pop-weighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	2.1 4.3 -10.3 55 68	-29.3 27	0. 39. 6		
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	608	11,806	4,61		
Total (% of internal resources)	357.0	7.2	9.		
Agriculture (% of total freshwater withdrawal)	93	60			
Access to improved water source (% of total population) Rural (% of rural population)	88 82	95 88			
Urban (% of urban population)	98				
Access to improved sanitation (% of total population)	96	89	3		
Rural (% of rural population)	95 97	79 94			
Urban (% of urban population)	97	94	5		
Environment and health Acute resp. infection prevalence (% of children under five)	0.0				
Diarrhea prevalence (% of children under five)	5.3				
Under-five mortality rate (per 1,000 live births)	41	23	12		
National accounting aggregates	00.0	24.5	0.5		
Gross savings (% of GNI)	38.6 9.2				
	5.2				
Consumption of fixed capital (% of GNI)	9.4				
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	9.4 38.5		9.		
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	38.5 0.0	9.8 0.7	0.		
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	38.5 0.0 0.0	9.8 0.7 0.0	0. 0.		
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	38.5 0.0	9.8 0.7 0.0 1.0	0. 0. 0.		

218 2009 T

Vanuatu

12 GDP (\$ millions) Population (thousands) 226 Land area (1,000 sq. km) Lower East Asia middle-Country & Pacific income data group group GNI per capita, World Bank Atlas method (\$) 1.840 2.182 1.905 Urban population (% of total) 24 43 42 Urban population growth (average annual %, 1990-2007) 4.0 3.5 2.9 Population growth (average annual %, 1990-2007) 2.4 1.3 1.1 Agriculture Agricultural land (% of land area) 47 12 51 Agricultural productivity (value added per worker, 2000 \$) 1,219 458 532 Food production index (1999-2001 = 100) 110 120 116 824 547 511 Population density, rural (people/sq. km of arable land) Forests and biodiversity 36.1 28.4 25.0 Forest area (% of land area) Deforestation (average annual %, 1990-2005) -0.10.0 0.1 Nationally protected area (% of land area) 0.7 14.0 11.0 130 Animal species, total known Animal species, threatened 108 870 Higher plant species, total known Higher plant species, threatened 10 GEF benefits index for biodiversity (0-100, median is 1.5) 2.1 GDP per unit of energy use (2005 PPP \$/kg oil equivalent) 3.4 3.9 Energy use per capita (kg oil equivalent) 1,258 1,019 Energy from biomass products and waste (% of total) 14.7 15.2 Electric power consumption per capita (kWh) 1,669 1,269 Electricity generated using fossil fuel (% of total) 82.0 79.0 16.3 Electricity generated by hydropower (% of total) 15.0 **Emissions and pollution** CO2 emissions per unit of GDP (kg/2005 PPP \$) 0.1 0.9 0.8 CO₂ emissions per capita (metric tons) 0.4 2.8 3.6 CO_2 emissions growth (%, 1990–2005) 333 123.4 935 Particulate matter (urban-pop.-weighted avg., µg/cu. m) 18 69 67 Transport sector fuel consumption per capita (liters) 106 99 Water and sanitation 4,948 Internal freshwater resources per capita (cu. m) 4,117 Freshwater withdrawal Total (% of internal resources) 10.2 87 Agriculture (% of total freshwater withdrawal) 80 74 87 88 Access to improved water source (% of total population) Rural (% of rural population) 81 82 Urban (% of urban population) 96 96 Access to improved sanitation (% of total population) 66 55 .. Rural (% of rural population) 59 43 Urban (% of urban population) 75 71 **Environment and health** Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) 34 27 50 National accounting aggregates Gross savings (% of GNI) 48.0 41.7 Consumption of fixed capital (% of GNI) 11.2 10.7 10.7 Education expenditure (% of GNI) 5.9 2.1 2.6 Energy depletion (% of GNI) 0.0 4.9 6.6 Mineral depletion (% of GNI) 0.0 1.3 1.2 Net forest depletion (% of GNI) 0.0 0.0 0.2 0.2 1.2 CO₂ damage (% of GNI) 1.3 Particulate emission damage (% of GNI) 1.3 1.1 30.6 23.5 Adjusted net savings (% of GNI)

Venezuela, RB

Population (millions) 27 Land area (1,000 sq. km)	882 GI	OP (\$ billions	228.1
	Country data	Latin America & Caribbean group	
GNI per capita, World Bank Atlas method (\$)	7,550		7,107
Urban population (% of total)	93 2.5		75
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	1.9		1.4 0.9
Agricultural land (% of land area)	25		
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	6,916 95	,	2,947 113
Population density, rural (people/sq. km of arable land)	77		110
Forests and biodiversity			
Forest area (% of land area)	54.1		
Deforestation (average annual %, 1990–2005)	0.6		0.2
Nationally protected area (% of land area) Animal species, total known	72.3 1,745		10.3
Animal species, total known Animal species, threatened	190		
Higher plant species, total known	21,073	3	
Higher plant species, threatened	69		
GEF benefits index for biodiversity (0-100, median is 1.5)	25.3	3	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)	4.7	7.3	4.8
Energy use per capita (kg oil equivalent)	2,302		2,300
Energy from biomass products and waste (% of total)	0.9		7.0
Electric power consumption per capita (kWh)	3,174		
Electricity generated using fossil fuel (% of total)	28.0 72.0		62.8 27.6
Electricity generated by hydropower (% of total)	12.0	1 31.3	21.0
Emissions and pollution CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.6	0.3	0.5
CO ₂ emissions per capita (metric tons)	5.6		5.5
CO ₂ emissions growth (%, 1990–2005)	26.2		-8.3
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	11 609		30 332
Water and sanitation		200	- 002
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	26,287	23,965	16,993
Total (% of internal resources)	1.2		13.8
Agriculture (% of total freshwater withdrawal)	47	0.4	57
Access to improved water source (% of total population) Rural (% of rural population)		70	95 83
Urban (% of urban population)		0.7	98
Access to improved sanitation (% of total population)			83
Rural (% of rural population) Urban (% of urban population)		0.0	64 89
Environment and health			
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	9.0		
Under-five mortality rate (per 1,000 live births)	19	26	24
National accounting aggregates			
Gross savings (% of GNI)	34.8 12.3		23.2 12.8
Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	3.4		12.8
Energy depletion (% of GNI)	18.7		7.6
	0.7		1.3
	0.0	0.0	0.0
Mineral depletion (% of GNI) Net forest depletion (% of GNI)	0.0		
	0.0 0.7 0.0	0.3	0.6 0.4

220

Vietnam

Population (millions) 85 Land area (1,000 sq. km) 310 GDP (\$ billions) 68.6

	Country data	East Asia & Pacific group	Low- income group
GNI per capita, <i>World Bank Atla</i> s method (\$) Urban population (% of total)	770 27	, -	
Urban population growth (average annual %, 1990–2007) Population growth (average annual %, 1990–2007)	3.2 1.5	3.5	3.7
Agriculture			
Agricultural land (% of land area) Agricultural productivity (value added per worker, 2000 \$)	31 313		39 330
Food production index (1999–2001 = 100)	125		
Population density, rural (people/sq. km of arable land)	927	547	603
Forests and biodiversity Forest area (% of land area)	41.7	28.4	24.7
Deforestation (average annual %, 1990–2005)	-2.2		
Nationally protected area (% of land area)	5.2		
Animal species, total known	1,116		
Animal species, threatened Higher plant species, total known	261 10,500		
Higher plant species, total known Higher plant species, threatened	147		
GEF benefits index for biodiversity (0-100, median is 1.5)	12.1		
Energy	2.7	2.4	2.2
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	3.7 621		
Energy from biomass products and waste (% of total)	46.4	,	
Electric power consumption per capita (kWh)	598	,	
Electricity generated using fossil fuel (% of total) Electricity generated by hydropower (% of total)	58.2 41.8		
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)	0.6		
CO ₂ emissions per capita (metric tons) CO ₂ emissions growth (%, 1990–2005)	1.2 376.0		
Particulate matter (urban-popweighted avg., µg/cu. m)	55		
Transport sector fuel consumption per capita (liters)	84	106	41
Water and sanitation Internal freshwater resources per capita (cu. m)	4,304	4,948	4,619
Freshwater withdrawal	4,304	4,340	4,019
Total (% of internal resources)	19.5		
Agriculture (% of total freshwater withdrawal)	68		
Access to improved water source (% of total population) Rural (% of rural population)	92 90		
Urban (% of urban population)	98		
Access to improved sanitation (% of total population)	65		
Rural (% of rural population) Urban (% of urban population)	56 88		
Environment and health		13	
Acute resp. infection prevalence (% of children under five)	20.0		
Diarrhea prevalence (% of children under five)	11.3		
Under-five mortality rate (per 1,000 live births)	15	27	126
National accounting aggregates Gross savings (% of GNI)	35.5	48.0	25.4
Consumption of fixed capital (% of GNI)	35.5 9.4		25.4 9.3
Education expenditure (% of GNI)	2.8		
Energy depletion (% of GNI)	11.6		
Mineral depletion (% of GNI)	0.1		
Net forest depletion (% of GNI) CO ₂ damage (% of GNI)	0.4 1.2		
Particulate emission damage (% of GNI)	0.5	1.3	0.7
	15.2	30.6	5.8

Virgin Islands (U.S.)

Population (thousands) **108** Land area (sq. km) **350** GDP (\$ millions)

	Country data	High- income group
GNI per capita, World Bank Atlas method (\$)		37,572
Urban population (% of total)	95	78
Urban population growth (average annual %, 1990–2007)	0.7	1.0
Population growth (average annual %, 1990-2007)	0.2	0.7
Agriculture Agricultural land (% of land area)	17	38
Agricultural faild (% of faild alea) Agricultural productivity (value added per worker, 2000 \$)	17	27,680
Food production index (1999–2001 = 100)	99	102
Population density, rural (people/sq. km of arable land)	315	323
Forests and biodiversity		
Forest area (% of land area)	27.1	28.8
Deforestation (average annual %, 1990-2005)	1.2	-0.1
Nationally protected area (% of land area)	0.3	11.8
Animal species, total known	234	
Animal species, threatened	20	
Higher plant species, total known Higher plant species, threatened	 11	
GEF benefits index for biodiversity (0–100, median is 1.5)	0.2	
	0.2	
Energy GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		6.3
Energy use per capita (kg oil equivalent)		5,416
Energy from biomass products and waste (% of total)		3.4
Electric power consumption per capita (kWh)		9,675
Electricity generated using fossil fuel (% of total)		62.0
Electricity generated by hydropower (% of total)		11.4
Emissions and pollution		
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.4
CO ₂ emissions per capita (metric tons)		12.6
CO ₂ emissions growth (%, 1990–2005)		19.1 26
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)	39	1,159
Water and sanitation		<u> </u>
Internal freshwater resources per capita (cu. m)		9,313
Freshwater withdrawal	••	0,010
Total (% of internal resources)		10.4
Agriculture (% of total freshwater withdrawal)		43
Access to improved water source (% of total population)		100
Rural (% of rural population)		98
Urban (% of urban population)		100
Access to improved sanitation (% of total population)		100
Rural (% of rural population)	••	99
Urban (% of urban population)		100
Environment and health		
Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)		
Under-five mortality rate (per 1,000 live births)		7
National accounting aggregates Gross savings (% of GNI)		20.6
Consumption of fixed capital (% of GNI)	••	14.5
Education expenditure (% of GNI)	••	4.6
Energy depletion (% of GNI)		1.5
Mineral depletion (% of GNI)		0.2
Net forest depletion (% of GNI)		0.0
CO ₂ damage (% of GNI)		0.3
		0.3
Particulate emission damage (% of GNI) Adjusted net savings (% of GNI)		8.5

222

West Bank and Gaza

Population (millions) 3.7 Land area (1,000 sq. km)	6.0 GD	.0 GDP (\$ billions)	
	Country data	Middle East & N. Africa group	Lower middle- income group
GNI per capita, World Bank Atlas method (\$)	1,290	2,820	1,905
Urban population (% of total)	72	57	42
Urban population growth (average annual %, 1990–2007)	4.0		2.9
Population growth (average annual %, 1990–2007)	3.7	2.0	1.3
Agriculture			
Agricultural land (% of land area)	62	22	47
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	113	2,313 116	532 116
Population density, rural (people/sq. km of arable land)	919	665	511
	313	003	311
Forests and biodiversity	1.5	2.4	25.0
Forest area (% of land area) Deforestation (average annual %, 1990–2005)	0.0	-0.4	0.1
Nationally protected area (% of land area)	0.0	3.6	11.0
Animal species, total known		0.0	11.0
Animal species, threatened	17		
Higher plant species, total known			
Higher plant species, threatened	0		
GEF benefits index for biodiversity (0-100, median is 1.5)			
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		5.0	3.9
Energy use per capita (kg oil equivalent)		1,254	1,019
Energy from biomass products and waste (% of total)		1.2	15.2
Electric power consumption per capita (kWh)		1,418	1,269
Electricity generated using fossil fuel (% of total)		91.1	79.0
Electricity generated by hydropower (% of total)		7.4	16.3
Emissions and pollution			
CO ₂ emissions per unit of GDP (kg/2005 PPP \$)		0.6	0.8
CO ₂ emissions per capita (metric tons)		3.7	2.8
CO ₂ emissions growth (%, 1990-2005)		96.8	93.5
Particulate matter (urban-popweighted avg., µg/cu. m) Transport sector fuel consumption per capita (liters)		72 277	67 99
		211	
Water and sanitation Internal freshwater resources per capita (cu. m)		728	4,117
Freshwater withdrawal		122.3	8.7
Total (% of internal resources) Agriculture (% of total freshwater withdrawal)		86	80
Access to improved water source (% of total population)	89	89	88
Rural (% of rural population)	88	81	82
Urban (% of urban population)	90	95	96
Access to improved sanitation (% of total population)	80	77	55
Rural (% of rural population)	69	62	43
Urban (% of urban population)	84	88	71
Environment and health Acute resp. infection prevalence (% of children under five)	17.0		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	 27	38	50
onder-five mortality rate (per 1,000 live birtils)		30	30
National accounting aggregates		20.0	44 -
Gross savings (% of GNI)		33.3	41.7
Consumption of fixed capital (% of GNI)		11.3	10.7
Education expenditure (% of GNI) Energy depletion (% of GNI)		4.7 21.3	2.6 6.6
Mineral depletion (% of GNI)		0.4	1.2
Net forest depletion (% of GNI)		0.4	0.2
CO ₂ damage (% of GNI)		1.0	1.2
Particulate emission damage (% of GNI)		0.6	1.1
Adjusted net savings (% of GNI)		3.4	23.5
,			

Yemen, Rep.

Population (millions) 22 Land area (1,000 sq. km)	528 GD	DP (\$ billions) 22.	
	Country data	Middle East & N. Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	870	2,820	574
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	30 5.7	57 2.6	32 3.7
Population growth (average annual %, 1990-2007)	3.5	2.0	2.4
Agriculture			
Agricultural land (% of land area)	34	22	39
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	328 106	2,313 116	330 112
Population density, rural (people/sq. km of arable land)	990	665	603
Forests and biodiversity			
Forest area (% of land area)	1.0	2.4	
Deforestation (average annual %, 1990–2005)	0.0	-0.4	0.7
Nationally protected area (% of land area) Animal species, total known	0.0 459	3.6	10.8
Animal species, total known Animal species, threatened	107		
Higher plant species, total known	1,650		
Higher plant species, threatened	159		
GEF benefits index for biodiversity (0–100, median is 1.5)	3.2		
Energy CDD pay upit of apardy upo (2005 DDD \$ //rd oil aguitalant)	6.7	5.0	3.2
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	326	1,254	478
Energy from biomass products and waste (% of total)	1.1	1.2	53.8
Electric power consumption per capita (kWh)	190	1,418	309
Electricity generated using fossil fuel (% of total)	100.0	91.1	48.4
Electricity generated by hydropower (% of total)	0.0	7.4	38.8
Emissions and pollution	0.4	0.0	0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.4 1.0	0.6 3.7	0.4 0.6
CO ₂ emissions growth (%, 1990–2005)	110.2	96.8	39.3
Particulate matter (urban-popweighted avg., µg/cu. m)		72	69
Transport sector fuel consumption per capita (liters)	106	277	41
Water and sanitation	0.4	700	4.010
Internal freshwater resources per capita (cu. m) Freshwater withdrawal	94	728	4,619
Total (% of internal resources)	161.9	122.3	9.4
Agriculture (% of total freshwater withdrawal)	90	86	90
Access to improved water source (% of total population)	66	89	68
Rural (% of rural population)	65 68	81 95	60 84
Urban (% of urban population)		95 77	39
Access to improved sanitation (% of total population)	// //		33
Access to improved sanitation (% of total population) Rural (% of rural population)	46 30	62	3.3
Access to improved sanitation (% of total population) Rural (% of rural population) Urban (% of urban population)			
Rural (% of rural population) Urban (% of urban population) Environment and health	30 88	62	
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five)	30 88 24.0	62	
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five)	30 88 24.0 27.5	62 88	54
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	30 88 24.0	62	54
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates	30 88 24.0 27.5	62 88	126
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI)	30 88 24.0 27.5	62 88 38	126
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI)	30 88 24.0 27.5 73 10.1	38 33.3 11.3 4.7	126 25.4 9.3 2.6
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI)	30 88 24.0 27.5 73 10.1 22.5	38 33.3 31.3 4.7 21.3	126 25.4 9.3 2.6 9.8
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	30 88 24.0 27.5 73 10.1 22.5 0.0	38 33.3 11.3 4.7 21.3 0.4	126 25.4 9.3 2.6 9.8 0.9
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Education expenditure (% of GNI) Mineral depletion (% of GNI) Net forest depletion (% of GNI)	30 88 24.0 27.5 73 10.1 22.5 0.0 0.0	38 33.3 11.3 4.7 21.3 0.4 0.0	126 25.4 9.3 2.6 9.8 0.9 0.8
Rural (% of rural population) Urban (% of urban population) Environment and health Acute resp. infection prevalence (% of children under five) Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births) National accounting aggregates Gross savings (% of GNI) Consumption of fixed capital (% of GNI) Education expenditure (% of GNI) Energy depletion (% of GNI) Mineral depletion (% of GNI)	30 88 24.0 27.5 73 10.1 22.5 0.0	38 33.3 11.3 4.7 21.3 0.4	126 25.4 9.3 2.6 9.8 0.9

224

Zambia

Population (millions) 12 Land area (1,000 sq. km)	743 GD	743 GDP (\$ billions) 11.	11.4
	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	770	951	574
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	35 1.6	36 4.0	32 3.7
Population growth (average annual %, 1990-2007)	2.3	2.6	2.4
Agriculture			
Agricultural land (% of land area)	35	44	39
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	204 101	287 109	330 112
Population density, rural (people/sq. km of arable land)	142	351	603
Forests and biodiversity			
Forest area (% of land area)	57.1	26.5	
Deforestation (average annual %, 1990–2005)	1.0 40.4	0.6	0.7
Nationally protected area (% of land area) Animal species, total known	1,025	11.3	10.8
Animal species, total known Animal species, threatened	35		
Higher plant species, total known	4,747		
Higher plant species, threatened	8		
GEF benefits index for biodiversity (0–100, median is 1.5)	3.8		
Energy CDD pay upit of apardy upo (2005 DDD \$ //cd oil aguivalent)	2.0	3.0	3.2
GDP per unit of energy use (2005 PPP \$/kg oil equivalent) Energy use per capita (kg oil equivalent)	625	670	3.2 478
Energy from biomass products and waste (% of total)	78.2	56.3	53.8
Electric power consumption per capita (kWh)	730	531	309
Electricity generated using fossil fuel (% of total)	0.6	65.6	48.4
Electricity generated by hydropower (% of total)	99.4	18.0	38.8
Emissions and pollution	0.2	0.5	0.4
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.2	0.5	0.4
CO ₂ emissions growth (%, 1990-2005)	-3.1	40.1	39.3
Particulate matter (urban-popweighted avg., µg/cu. m)	40	53	69
Transport sector fuel consumption per capita (liters)	32	64	41
Water and sanitation Internal freshwater resources per capita (cu. m) Freshwater withdrawal	6,728	4,824	4,619
Total (% of internal resources)	2.2	3.2	9.4
Agriculture (% of total freshwater withdrawal)	76	87	90
Access to improved water source (% of total population)	58	58	68
Rural (% of rural population)	41	46	60
Urban (% of urban population) Access to improved sanitation (% of total population)	90 52	81 31	84 39
Rural (% of rural population)	51	24	33
Urban (% of urban population)	55	42	54
Environment and health			
Acute resp. infection prevalence (% of children under five)	15.0		
Diarrhea prevalence (% of children under five) Under-five mortality rate (per 1,000 live births)	21.2 170	146	126
	110	140	120
National accounting aggregates Gross savings (% of GNI)	26.2	17.4	25.4
Consumption of fixed capital (% of GNI)	10.7	11.1	9.3
Education expenditure (% of GNI)	2.1	3.6	2.6
Energy depletion (% of GNI)	0.1	11.7	9.8
Mineral depletion (% of GNI)	19.8	1.5	0.9
	0.0	0.5	0.8
Net forest depletion (% of GNI)			0.7
Net forest depletion (% of GNI) CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)	0.2 0.6	0.7 0.4	0.7 0.7

Zimbabwe

Population (millions) 13 Land area (1,000 sq. km)	387 GD	P (\$ billions	s) 3.4
	Country data	Sub- Saharan Africa group	Low- income group
GNI per capita, World Bank Atlas method (\$)	340	951	574
Urban population (% of total) Urban population growth (average annual %, 1990–2007)	37 2.9	36 4.0	32 3.7
Population growth (average annual %, 1990–2007)	1.4	2.6	2.4
Agriculture			
Agricultural land (% of land area)	40 205	44 287	39 330
Agricultural productivity (value added per worker, 2000 \$) Food production index (1999–2001 = 100)	203 84	109	112
Population density, rural (people/sq. km of arable land)	261	351	603
Forests and biodiversity			
Forest area (% of land area)	45.3 1.6	26.5 0.6	
Deforestation (average annual %, 1990–2005) Nationally protected area (% of land area)	14.8	11.3	
Animal species, total known	883	11.0	2010
Animal species, threatened	32		
Higher plant species, total known	4,440 17		
Higher plant species, threatened GEF benefits index for biodiversity (0-100, median is 1.5)	1.9		
Energy			
GDP per unit of energy use (2005 PPP \$/kg oil equivalent)		3.0	
Energy use per capita (kg oil equivalent) Energy from biomass products and waste (% of total)	724 63.3	670 56.3	478 53.8
Electric power consumption per capita (kWh)	900	531	309
Electricity generated using fossil fuel (% of total)	43.2	65.6	
Electricity generated by hydropower (% of total)	56.8	18.0	38.8
Emissions and pollution		0.5	
CO ₂ emissions per unit of GDP (kg/2005 PPP \$) CO ₂ emissions per capita (metric tons)	0.9	0.5 0.8	0.4 0.6
CO ₂ emissions growth (%, 1990–2005)	-31.2	40.1	39.3
Particulate matter (urban-popweighted avg., µg/cu. m)	27	53	69
Transport sector fuel consumption per capita (liters)	35	64	41
Water and sanitation Internal freshwater resources per capita (cu. m)	915	4,824	4,619
Freshwater withdrawal	915	4,024	4,018
Total (% of internal resources)	34.3	3.2	9.4
Agriculture (% of total freshwater withdrawal)	79	87	90
Access to improved water source (% of total population) Rural (% of rural population)	81 72	58 46	68 60
Urban (% of urban population)	98	81	84
Access to improved sanitation (% of total population)	46	31	39
Rural (% of rural population) Urban (% of urban population)	37 63	24 42	33 54
	- 03	42	J.
Environment and health Acute resp. infection prevalence (% of children under five)	16.0		
Diarrhea prevalence (% of children under five)	13.9		
Under-five mortality rate (per 1,000 live births)	90	146	126
National accounting aggregates		47.4	05.4
Gross savings (% of GNI) Consumption of fixed capital (% of GNI)		17.4 11.1	
Education expenditure (% of GNI)		3.6	
Energy depletion (% of GNI)		11.7	9.8
Mineral depletion (% of GNI)		1.5	0.9
Net forest depletion (% of GNI)		0.5 0.7	0.8
CO _o damage (% of GNI)			
CO ₂ damage (% of GNI) Particulate emission damage (% of GNI)		0.4	

226

Glossary

Access to improved sanitation is the percentage of population with adequate access to excreta disposal facilities (private or shared, but not public) that can effectively prevent human, animal, and insect contact with excreta. Improved facilities range from simple but protected pit latrines to flush toilets with a sewerage connection. To be effective, facilities must be correctly constructed and properly maintained. (World Health Organization; data are for 2006)

Access to improved water source is the percentage of the population with reasonable access to an adequate amount of water from an improved source, such as piped water into a dwelling, plot, or yard; public tap or standpipe; tubewell or borehole; protected dug well or spring; or rainwater collection. Unimproved sources include an unprotected dug well or spring, cart with small tank or drum, bottled water, and tanker trucks. Reasonable access to an adequate amount means the availability of at least 20 liters a person a day from a source within 1 kilometer of the dwelling. (World Health Organization; data are for 2006)

Acute respiratory infection prevalence is the percentage of children under age five with acute respiratory infection in the two weeks prior to the survey. (United Nations Children's Fund; data are for the most recent year available during 1998–2005)

Adjusted net savings equal gross savings minus consumption of fixed capital, plus education expenditures, minus energy depletion, mineral depletion, net forest depletion, and particulate emission and carbon dioxide damage. (World Bank; data are for 2007)

Agricultural land is arable land, land under permanent crops, and permanent pastures. Arable land includes land defined by the Food and Agriculture Organization of the United Nations as land under temporary crops (double-cropped areas are counted once), temporary meadows for mowing or for pasture, land under market or kitchen gardens, and land temporarily fallow. Land abandoned as a result of shifting cultivation is excluded. Land under permanent crops is land cultivated with crops that occupy the land for long periods and need not be replanted after each harvest, such as cocoa, coffee, and rubber. This category includes land under flowering shrubs, fruit trees, nut trees, and vines but excludes land under trees grown for wood or timber. Permanent pasture is land used for five or more years for forage, including natural and cultivated crops. (Food and Agriculture Organization; data are for 2005)

Agricultural productivity is the ratio of agricultural value added, measured in 2000 U.S. dollars, to the number of workers in agriculture. Agricultural productivity is measured by value added per unit of input. Agricultural value added includes that from forestry and fishing. Thus interpretations of land productivity should be made with caution. (See World Bank 2009 for details; data are for 2003–05)

Animal species, threatened, include the number of birds and mammal species classified by the World Conservation Union as endangered, vulnerable, rare, indeterminate, out of danger, or insufficiently known. (World Conservation Monitoring Centre and *World Conservation Union; data are for 2008*)

Glossary

Animal species, total known, are mammals (excluding whales and porpoises) and birds included within a country's breeding or wintering ranges. (World Conservation Monitoring Centre and World Conservation Union; data are for 2004)

Carbon dioxide (CO₂) damage is estimated at \$20 per ton of carbon (the unit damage in 1995 U.S. dollars) times the number of tons of carbon emitted. (World Bank estimates; data are for 2007)

Carbon dioxide (CO₂) emissions growth is the cumulative percentage change in emissions stemming from the burning of fossil fuels and the manufacture of cement. Emissions include carbon dioxide produced during consumption of solid, liquid, and gas fuels and gas flaring. (Carbon Dioxide Information Analysis Center; data are for 1990–2005)

Carbon dioxide (CO₂) emissions per capita are carbon dioxide emissions divided by midyear population. (Carbon Dioxide Information Analysis Center, World Bank, and United Nations; data are for 2005)

Carbon dioxide (CO₂) emissions per unit of GDP are carbon dioxide emissions in kilograms per unit of GDP in 2005 purchasing power parity (PPP) terms. PPP GDP is gross domestic product converted to international dollars using PPP rates. An international dollar has the same purchasing power over GDP that a U.S. dollar has in the United States. (Carbon Dioxide Information Analysis Center and World Bank; data are for 2005)

Consumption of fixed capital is the replacement value of capital used up in the process of production. (United Nations; data are extrapolated to 2006 from the most recent year available)

Deforestation is the permanent conversion of natural forest area to other uses, including shifting cultivation, permanent agriculture, ranching, settlements, and infrastructure development. Deforested areas do not include areas logged but intended for regeneration or areas degraded by fuelwood gathering, acid precipitation, or forest fires. Negative numbers indicate an increase in forest areas. (Food and Agriculture Organization; data are for 1990–2005)

Diarrhea prevalence is the percentage of children under age five who had diarrhea in the two weeks prior to the survey. (United Nations Children's Fund; data are for the most recent year available during 1998–2005)

Education expenditure is public current operating expenditures in education, including wages and salaries and excluding capital investments in buildings and equipment. (United Nations; data are extrapolated to 2007 from the most recent year available)

Electricity generated using fossil fuel is use of coal, oil, and gas as a percentage of total inputs to the generation of electricity. (International Energy Agency; data are for 2006)

Electricity generated by hydropower is use of hydropower as a percentage of total inputs to the generation of electricity. (International Energy Agency; data are for 2006)

228 2009 The Little Green Data Book

Green09 0427.indd 228 4/28/09 11:12:02 AM

Electric power consumption per capita is the production of power plants and combined heat and power plants, minus transmission, distribution, and transformation losses and own use by heat and power plants plus imports minus exports divided by midyear population. (International Energy Agency; data are for 2006)

Energy depletion is the ratio of the value of the stock of energy resources to the remaining reserve lifetime (capped at 25 years). It covers crude oil, natural gas, and coal. (See World Bank 2009 for details; estimates are based on sources and methods in Kunte and others 1998; data are for 2007.)

Energy from biomass products and waste is energy from solid biomass, liquid biomass, biogas, industrial waste, and municipal waste as a percentage of total energy use. (International Energy Agency; data are for 2006)

Energy use per capita refers to 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. (International Energy Agency; data are for 2006)

Food production index indicates the relative level of net food production compared with the base period 1999–2001. It covers food crops that are considered edible and that contain nutrients. Coffee and tea are excluded because, although edible, they have no nutritive value (See the Food and Agriculture Organization's *Production Yearbook* for details; data are for 2005)

Forest area is land under natural or planted stands of trees, whether productive or not. (Food and Agriculture Organization; data are for 2005)

Freshwater withdrawal, agriculture, is withdrawals for irrigation and livestock production as a percentage of total freshwater withdrawal. (World Resources Institute; data are for various years; for details see *World Development Indicators* 2009, *Primary data documentation*.)

Freshwater withdrawal, total, is total water withdrawal, excluding evaporation losses from storage basins and including water from desalination plants in countries where they are a significant source. Withdrawals can exceed 100 percent of internal renewable resources because river flows from other countries are not included, because extraction from nonrenewable aquifers or desalination plants is considerable, or because there is significant water reuse. (Food and Agriculture Organization and World Resources Institute; data are for various years; for details see World Development Indicators 2009, Primary data documentation.)

GDP is gross domestic product and measures the total output of goods and services for final use occurring within the domestic territory of a given country, regardless of the allocation to domestic and foreign claims. GDP at purchaser values (market prices) is the sum of gross value added by all resident and nonresident producers in the economy plus any taxes and minus any subsides not included in the value of the products. It is calculated without deductions for depreciation of fabricated assets or for depletion and degradation of natural resources. (World Bank, Organization for Economic Co-operation and Development, and United Nations; data are for 2007)

Glossary

GDP per unit of energy use is 2006 gross domestic product (GDP) in purchasing power parity (PPP) terms per kilogram of oil equivalent of energy use. PPP GDP is GDP converted to international dollars using PPP rates. An international dollar has the same purchasing power over GDP that a U.S. dollar has in the United States. (International Energy Agency and World Bank; data are for 2006)

GEF benefits index for biodiversity is a composite index of relative biodiversity potential for each country developed by the Global Environment Facility, based on the species represented in each country, their threat status, and the diversity of habitat types in each country. The index shown in the tables has been normalized so that values run from 0 (no biodiversity potential) to 100 (maximum biodiversity potential) (World Bank; estimates are for 2008)

GNI per capita is gross national income (GNI) divided by midyear population. GNI is gross domestic product plus net receipts of primary income (employee compensation and property income) from abroad. GNI per capita is in current U.S. dollars, converted using the *World Bank Atlas* method (see *World Development Indicators 2008, Statistical methods*). (World Bank, Organization for Economic Co-operation and Development, and United Nations; data are for 2007)

Gross savings are the difference between gross national income and public and private consumption plus net current transfers. (World Bank, Organization for Economic Co-operation and Development, and United Nations; data are for 2007)

Higher plant species, threatened, are the number of species classified by the World Conservation Union as endangered, vulnerable, rare, indeterminate, out of danger, or insufficiently known. (World Conservation Monitoring Centre and World Conservation Union; data are for 2008)

Higher plant species, total known, are native vascular plant species. (World Conservation Monitoring Centre and World Conservation Union; data are for 2004)

Internal freshwater resources per capita are internal renewable resources, which include flows of rivers and groundwater from rainfall in the country but excludes river flows from other countries, divided by midyear population. (Refers to data reported to the Food and Agriculture Organization as of 2007)

Land area is a country's total land area, excluding area under inland water bodies, national claims to continental shelf, and exclusive economic zones. In most cases the definition of inland water bodies includes major rivers and lakes. (Food and Agriculture Organization; data are for 2007)

Mineral depletion is the ratio of the value of the stock of mineral resources to the remaining reserve lifetime (capped at 25 years). It covers bauxite, copper, iron, lead, nickel, phosphate, tin, gold, silver, and zinc. (See World Bank 2009 for details; estimates are based on sources and methods in Kunte and others 1998; data are for 2007).

230 2009 The Little Green Data Book

Green09 0427.indd 230 4/28/09 11:12:02 AM

Nationally protected area is totally or partially protected areas of at least 1,000 hectares that are designated as national parks, natural monuments, nature reserves or wildlife sanctuaries; protected landscapes and seascapes; and scientific reserves. It includes World Conservation Union–protected area categories I–VI. (World Conservation Monitoring Centre; data are for the most recent year available)

Net forest depletion is the product of unit resource rents and the excess of roundwood harvest over natural growth. If growth exceeds harvest, this figure is zero. (Food and Agriculture Organization and World Bank estimates of natural growth; data are for 2007)

Particulate emission damage is calculated as the willingness to pay to reduce the risk of illness and death attributable to particulate emissions. (World Bank estimates; data are for 2006)

Particulate matter is fine suspended particulates of less than 10 microns in diameter that are capable of penetrating deep into the respiratory tract and causing damage. The indicator is the population-weighted average of all cities in the country with a population greater than 100,000. (World Bank estimates; data are for 2006)

Population includes all residents who are present regardless of legal status or citizenship except for refugees not permanently settled in the country of asylum, who are generally considered part of the population of their country of origin. (United Nations; data are midyear estimates for 2007)

Population density, rural, is rural population divided by arable land area. Rural population is estimated as the difference between the total population and urban population. (See *urban population*; data are for 2007)

Population growth is the exponential change in population for the period indicated. (United Nations; data are for 1990–2007)

Transport sector fuel consumption is the average volume of fuel consumed per capita in the transport sector (International Road Federation 2008; data are for 2006).

Under-five mortality rate is the probability that a newborn baby will die before reaching age five if subject to current age-specific mortality rates. (United Nations and United Nations Children's Fund; data are for 2005)

Urban population is the share of the midyear population living in areas defined as urban in each country (United Nations; data are for 2007)

Urban population growth is the exponential change in urban population for the period indicated. (United Nations; data are for 1990–2007)

References

- CIESIN (Center for International Earth Science Information Network). 2007. "Low Elevation Coastal Zone (LECZ) Urban-Rural Estimates." Global Rural-Urban Mapping Project, Alpha Version. Columbia University, Socioeconomic Data and Applications Center, Palisades, N.Y. [http://sedac.ciesin.columbia.edu/gpw/lecz].
- City Mayors. 2007. "The Largest Cities in the World by Land Area, Population and Density." City Mayors, London. [www.citymayors.com/statistics/largest-cities-area-125.html].
- IEA (International Energy Agency). 2008. World Energy Outlook 2008. Paris: International Energy Agency.
- IPCC (Intergovernmental Panel on Climate Change). 2007. Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge, U.K.: Cambridge University Press.
- International Road Federation. 2008. World Road Statistics 2008. Geneva: International Road Federation.
- Kenworthy, J., and F. Laube. 2001. The Millennium Cities Database for Sustainable Transport. CD-ROM database. International Union of Public Transport, Brussels, and Institute for Sustainability and Technology Policy, Murdoch University, Perth, Australia.
- Kunte, Arundhati, Kirk Hamilton, John Dixon, and Michael Clemens. 1998.
 "Estimating National Wealth: Methodology and Results." Environmental Economics Series 57. World Bank, Environment Department, Washington, D.C.
- World Bank. 2009. World Development Indicators 2009. Washington, D.C.: World Bank.

4/28/09 11:12:03 AM