# CREDITS

## 1. World view

Section 1 was prepared by a team led by Eric Swanson. Eric Swanson wrote the introduction with input from Uranbileg Batjargal and Neil Fantom. Bala Bhaskar Naidu Kalimili coordinated tables 1.1 and 1.6. Shota Hatakeyama, Mehdi Akhlaghi, Buyant Khaltarkhuu, and Masako Hiraga prepared tables 1.2, 1.3, and 1.5. Uranbileg Batjargal prepared table 1.4, with input from Azita Amjadi. Signe Zeikate of the World Bank's Economic Policy and Debt Department provided the estimates of debt relief for the Heavily Indebted Poor Countries Debt Initiative and Multilateral Debt Relief Initiative.

#### 2. People

Section 2 was prepared by Masako Hiraga and Shota Hatakevama, in partnership with the World Bank's Human Developmebnt Network and the Development Research Group in the Development Economics Vice Presidency. The introduction was written by Sulekha Patel and Masako Hiraga, with valuable inputs and comments from Eric Swanson. The poverty estimates at national poverty lines were compliled by the Global Poverty Working Group: a team of poverty experts from the Poverty Reduction and Equality Network, the Development Research Group, and the Development Data Group. The poverty estimates at international poverty lines were prepared by Shaohua Chen and Prem Sangraula of the World Bank's Development Research Group. The data on children at work were prepared by Lorenzo Guarcello and Furio Rosati from the Understanding Children's Work project. Other contributions were provided by Emi Suzuki (population, health, and nutrition); Montserrat Pallares-Miralles and Carolina Romero Robayo (vulnerability and security); Sara Elder of the International Labour Organization (labor force); Amelie Gagnon, Said Ould Voffal, and Weixin Lu of the United Nations Educational, Scientific, and Cultural Organization Institute for Statistics (education and literacy); the World Health Organization's Chandika Indikadahena (health expenditure), Charu Garg (national health account), Monika Bloessner and Mercedes de Onis (malnutrition and overweight), Neeru Gupta and Teena Kunjument (health workers), Jessica Ho (hospital beds), Rifat Hossain (water and sanitation), and Hazim Timimi (tuberculosis); Delice Gan of the International Diabetes Federation (diabetes); and Nyein Nyein Lwin of the United Nations Children's Fund (health). Eric Swanson provided valuable comments and suggestions on the introduction and at all stages of production.

# **3. Environment**

Section 3 was prepared by Mehdi Akhlaghi in partnership with the World Bank's Sustainable Development Network. The introduction was prepared by Soong Sup Lee and Neil Fantom. The guidance of Glenn-Marie Lange is gratefully acknowledged. Carola Fabi and Edward Gillin of the Food and Agriculture Organization of the United Nations; Ricardo Quercioli and Karen Treanton of the International Energy Agency; Laura Battlebury of the World Conservation Monitoring Centre; and Gerhard Metchies and Armin Wagner of German International Cooperation (GIZ). The World Bank's Environment Department devoted substantial staff resources to the book, for which the team is very grateful. Other contributors were Brian Blankespoor, Lopamudra Chakraborti, Susmita Dasgupta, Olivier Dupriez, Kirk Hamilton, Esther Grace Lee, Craig Meisner, Kiran Pandey, Giovanni Ruta, and Akiko Saesaka.

#### 4. Economy

Section 4 was prepared by Bala Bhaskar Naidu Kalimili, Mahyar Eshragh-Tabary, and Soong Sup Lee in close collaboration with the Sustainable Development and Economic Data Team of the World Bank's Development Data Group. Soong Sup Lee wrote the introduction with valuable suggestions from Eric Swanson and the IMF's Financial Institutions Division, Statistics Department. Contributions to the section were provided by Azita Amjadi, Lopamudra Chakraborti, Kirk Hamilton, Barbro Hexeberg, Esther Grace Lee, Giovanni Ruta, and from Justin Thyme Matz and Yutong Li of the IMF's Statistical Information Management Division, Statistics Department. The national accounts data for low- and middle-income economies were gathered by the World Bank's regional staff through the annual Unified Survey. Maja Bresslauer, Mahyar Eshragh-Tabary, Bala Bhaskar Naidu Kalimili, and Buyant Khaltarkhuu worked on updating, estimating, and validating the databases for national accounts. The team is grateful to Eurostat, the International Monetary Fund, Organisation for Economic Co-operation and Development, United Nations Industrial Development Organization, and World Trade Organization for access to their databases.

## 5. States and markets

Section 5 was prepared by David Cieslikowski and Buyant Khaltarkhuu, in partnership with the World Bank's Financial and Private Sector Development Network, Poverty Reduction and Economic Management Network, Sustainable Development Network, the International Finance Corporation, and external partners. David Cieslikowski wrote the introduction to the section with input from Eric Swanson. Other contributors include Ada Karina Izaguirre (privatization and infrastructure projects); Leora Klapper and Inessa Love (business registration); Federica Saliola and Joshua Wimpey (Enterprise Surveys); Sylvia Solf and Carolin Geginat (Doing Business); Alka Banerjee and Michael Orzano (Standard & Poor's global stock market indexes); Oya Pinar Ardic Alper (financial access); Satish Mannan (public policies and institutions); Henry Boyd and James Hackett of the International Institute for Strategic Studies (military personnel); Sam Perlo-Freeman and Siemon Wezeman of the Stockholm International Peace Research Institute (military expenditures and arms transfers); Kacem laych of the International Road Federation, Narjess Teyssier and Zubair Anwar of the International Civil Aviation Organization, and Hélène Stephan (transport); Jane Degerlund of Containerisation International (ports); Vanessa Grey, Esperanza Magpantay, and Susan Teltscher of the International Telecommunication Union; Georges Boade of the United Nations Educational, Scientific, and Cultural Organization Institute for Statistics (research and development, researchers, and technicians); and Ryan Lamb of the World Intellectual Property Organization (patents and trademarks).

### 6. Global links

Section 6 was prepared by Uranbileg Batjargal in partnership with the Financial Data Team of the World Bank's Development Data Group, Development Research Group (trade), Development Prospects Group (commodity prices and remittances), International Trade Department (trade facilitation), and external partners. Uranbileg Batjargal wrote the introduction, with substantial input from Ingo Borchert (Services Policy Restrictiveness Database), Caglar Ozden (bilateral migration matrix), and Evis Rucaj (public sector debt). Eric Swanson provided valuable comments. Substantial input for the data and tables came from Azita Amjadi (trade and tariffs) and Yasue Sakuramoto (external debt and financial data). Other contributors include Frederic Docquier (emigration rates); Flavine Creppy and Yumiko Mochizuki of the United Nations Conference on Trade and Development (trade); Betty Dow (commodity prices); Thierry Geiger of the World Economic Forum (trade facilitation); Jeff Reynolds and Joseph Siegel of DHL (freight costs); Yasmin Ahmad and Elena Bernaldo of the Organisation for Economic Co-operation and Development (aid); Hiroko Maeda and Ibrahim Levent (external debt); Henrik Pilgaard of the United Nations Refugee Agency (refugees); Costanza Giovannelli and Bela Hovy of the United Nations Population Division (migration); Sanket Mohapatra and Ani Rudra Silwal (remittances); and Teresa Ciller of the World Tourism Organization (tourism). Ramgopal Erabelly, Shelley Lai Fu, and William Prince provided valuable technical assistance.

#### Other parts of the book

Jeff Lecksell of the World Bank's Map Design Unit coordinated preparation of the maps on the inside covers. William Prince prepared *Users guide*. Eric Swanson wrote *Statistical methods*. Maja Bresslauer, Buyant Khaltarkhuu, and William Prince prepared *Primary data documentation*. Alison Kwong prepared *Partners* and *Index of indicators*.

#### **Database management**

William Prince coordinated management of the World Development Indicators database. Operation of the database management system was made possible by Ramgopal Erabelly, Shelley Fu, and Shahin Outadi in the Data and Information Systems Team under the leadership of Reza Farivari.

# Design, production, and editing

Azita Amjadi, Alison Kwong, and Jomo Tariku coordinated all stages of production. Jomo Tariku prepared the cover. Deborah Arroyo, Jomo Tariku, and Elaine Wilson typeset the book. Communications Development Incorporated provided overall design direction and editing, led by Meta de Coquereaumont, Bruce Ross-Larson, and Christopher Trott. Katrina Van Duyn proofread of the book. Staff from External Affairs Office of the Publisher oversaw printing and dissemination of the book.

#### **Client services**

The Development Data Group's Client Services and Communications Team (Azita Amjadi, Buyant Erdene Khaltarkhuu, Alison Kwong, Beatriz Prieto-Oramas, Jomo Tariku, and Vera Wen) contributed to the design and planning and helped coordinate work with the Office of the Publisher.

#### Administrative assistance, office technology, and systems support

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## **Publishing and dissemination**

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#### World Development Indicators CD-ROM

Software preparation and testing was managed by Vilas Mandlekar with the assistance of Ramgopal Erabelly, Buyant Erdene Khaltarkhuu, Parastoo Oloumi, and William Prince. Systems development was undertaken by the Data and Information Systems Team led by Reza Farivari. William Prince coordinated user interface design and overall production and provided quality assurance, with assistance from Jomo Tariku. Photo credits belong to the World Bank photo library.

#### **Open Data and Online Access**

Coordination of the Open Data website (data.worldbank.org/) was provided by Neil Fantom and Nicole Frost. Design, programming, and testing were carried out by Reza Farivari and his team: Azita Amjadi, Ramvel Chandrasekaran, Shelley Fu, Buyant Erdene Khaltarkhuu, Ugendran Machakkalai, Shanmugam Natarajan, Atsushi Shimo, Lakshmikanthan Subramanian, Jomo Tariku, Malarvizhi Veerappan, and Vera Wen. William Prince coordinated production and provided quality assurance. Support from the Corporate Communications Unit in External Affairs was provided by a team including Livia Barton, George Gongadze and Jeffrey Mccoy. The multilingual web team was led by Valerie Hufbauer.

#### **Client feedback**

The team is grateful to the many people who have taken the time to provide feedback and suggestions, which have helped improve this year's edition. Please contact us at data@worldbank.org.