CONTENTS

LIST OF EXHIBITS xv
PREFACE xvii
USING THIS BOOK xix

I. INTRODUCTION 1
   Overview 1

I.A. MEASURING DEVELOPMENT 5
   Note I.A.1. The Evolution of Measures of Development 5
   Selection I.A.1. Why Are Services Cheaper in the Poor Countries? 13
      Comment I.A.1. The Productivity and Factor Proportions Explanations Again 17
   Selection I.A.2. Burden of Poverty 18
      Comment I.A.2. Capabilities and Entitlements 30

I.B. ECONOMIC PERFORMANCE OF LESS DEVELOPED COUNTRIES:
   THE RECENT PAST 35
   Selection I.B.1. The East Asian Miracle 36
   Selection I.B.2. East Asian Crisis: An Overview 42
   Selection I.B.3. Completing China’s Move to the Market 48
   Selection I.B.5. The Launching of the Reforms 58
   Note I.B.1. The Triumph of Laissez-Faire? 64
   Selection I.B.7. Explaining Africa’s Development Experiences 65

I.C. THE DISCIPLINE OF DEVELOPMENT ECONOMICS 69
   Note I.C.1. Evolution of Development Economics 69
      Comment I.C.1. Classical Growth Theory 72
      Comment I.C.2. Development Economics as a Special Subject 73
   Note I.C.2. New Endogenous Growth Theory 75
<table>
<thead>
<tr>
<th>II. HISTORICAL PERSPECTIVE</th>
<th>77</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overview: The Division of the World</td>
<td>77</td>
</tr>
<tr>
<td>Selection II.1. The Spread of Economic Growth to the Third World: 1850–1980</td>
<td>80</td>
</tr>
<tr>
<td>Comment II.1. State-owned Enterprises and Privatization</td>
<td>96</td>
</tr>
<tr>
<td>Selection II.2. The Division of the World and the Factoral Terms of Trade</td>
<td>97</td>
</tr>
<tr>
<td>Note II.1. Why Not Export First?</td>
<td>102</td>
</tr>
<tr>
<td>Note II.2. The Lewis Model of the World Economy</td>
<td>104</td>
</tr>
<tr>
<td>Selection II.3. Agricultural Productivity, Comparative Advantage, and Economic Growth</td>
<td>107</td>
</tr>
<tr>
<td>Comment II.2. Income Elasticity of Demand for Food in the Matsuyama Model</td>
<td>110</td>
</tr>
<tr>
<td>Selection II.4. Income Distribution, Market Size, and Industrialization</td>
<td>111</td>
</tr>
<tr>
<td>Comment II.3. Minimum Market Size in the Murphy–Shleifer–Vishny Model</td>
<td>113</td>
</tr>
<tr>
<td>Selection II.5. Divergence, Big Time</td>
<td>114</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>III. SAVINGS AND INVESTMENT</th>
<th>119</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overview: Savings—The Engine of Growth?</td>
<td>119</td>
</tr>
<tr>
<td>Note III.1. The AK Model</td>
<td>123</td>
</tr>
<tr>
<td>Selection III.1. Is Fixed Investment the Key to Economic Growth?</td>
<td>126</td>
</tr>
<tr>
<td>Selection III.2. Interest Rates in the Organized Money Markets of Underdeveloped Countries and Interest Rates Outside the Organized Money Markets of Underdeveloped Countries</td>
<td>129</td>
</tr>
<tr>
<td>Selection III.3. Financial Liberalization in Retrospect: Interest Rate Policies in LDCs</td>
<td>133</td>
</tr>
<tr>
<td>Comment III.1. Financial Liberalization</td>
<td>136</td>
</tr>
<tr>
<td>Selection III.5. Financial Development and Economic Growth: Views and Agenda</td>
<td>141</td>
</tr>
<tr>
<td>Selection III.6. Good Policy or Good Luck? Country Growth Performance and Temporary Shocks</td>
<td>147</td>
</tr>
<tr>
<td>Comment III.2. Policies Versus Shocks: A Closer Look</td>
<td>153</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IV. INTERNATIONAL TRADE AND TECHNOLOGY TRANSFER</th>
<th>155</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overview</td>
<td>155</td>
</tr>
<tr>
<td>IV.A. TRADE</td>
<td>159</td>
</tr>
<tr>
<td>Selection IV.A.1. Natural Resource Abundance and Economic Growth</td>
<td>161</td>
</tr>
<tr>
<td>Note IV.A.1. Import-substituting Industrialization and the Infant-Industry Argument</td>
<td>168</td>
</tr>
<tr>
<td>Selection IV.A.2. Typology in Development Theory: Retrospective and Prospects</td>
<td>170</td>
</tr>
<tr>
<td>Selection IV.A.3. An Exposition and Exploration of Krueger’s Trade Model</td>
<td>175</td>
</tr>
<tr>
<td>Comment IV.A.1. Moving Up the Ladder and Changes in Relative Costs of Factors of Production</td>
<td>178</td>
</tr>
</tbody>
</table>

Selection IV.A.5. Exchange Control, Liberalization, and Economic Development 187

Selection IV.A.6. Trade Policy Reform
   Comment IV.A.2. Stabilization-cum-Liberalization Programs 193

Selection IV.A.7. Getting Interventions Right: How South Korea and Taiwan Grew Rich 195

Note IV.A.2. Tradeability of Intermediate Goods, Linkages, and Bottlenecks 202

IV.B. FOREIGN CONTACT AND TECHNOLOGY TRANSFER 204

Note IV.B.1. Learning in International Production Networks 204

Selection IV.B.1. Technology Gaps Between Industrial and Developing Countries: Are There Dividends for Latecomers? 206

Selection IV.B.2. The Benefits of FDI 209

Note IV.B.2. Trade as Enemy, Handmaiden, and Engine of Growth 211

V. HUMAN RESOURCES 213

Overview 213

V.A. EDUCATION 216

Note V.A.1. Three Views of the Contribution of Education to Economic Growth 216


Selection V.A.2. Economic Impact of Education
   Comment V.A.1. Ability Differences, Spillovers, and the Returns to Education 226
   Comment V.A.2. Education and Development 227

Selection V.A.3. Interpreting Recent Research on Schooling in Developing Countries 229

Selection V.A.4. Schooling Quality in a Cross Section of Countries 234

Selection V.A.5. Creating Human Capital 237

V.B. POPULATION 241

Note V.B.1. The Size of the World’s Population and the Size of the Average Family 241

Selection V.B.1. Economic Approaches to Population Growth 242

V.C. HEALTH AND NUTRITION 249

Selection V.C.1. Health and Nutrition 254

Selection V.C.2. Investing in Health 257

V.D. GENDER AND DEVELOPMENT 263

Selection V.D.1. Women’s Education in Developing Countries: An Overview 263
<table>
<thead>
<tr>
<th>Selection</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>V.D.2</td>
<td>Women in the Labor Force</td>
<td>271</td>
</tr>
<tr>
<td>V.D.3</td>
<td>Women, Poverty, and Development in the Third World</td>
<td>275</td>
</tr>
<tr>
<td>V.D.4</td>
<td>Women in Developing Countries</td>
<td>280</td>
</tr>
<tr>
<td>V.D.5</td>
<td>Missing Women</td>
<td>283</td>
</tr>
<tr>
<td>V.D.6</td>
<td>Grameen Bank: Performance and Sustainability</td>
<td>285</td>
</tr>
<tr>
<td>Comment</td>
<td>The Grameen Bank and “Empowerment” of Women</td>
<td>287</td>
</tr>
<tr>
<td>Comment</td>
<td>Gender-Aware Analysis</td>
<td>288</td>
</tr>
<tr>
<td>VI.1</td>
<td>Urban Growth in Developing Countries: A Demographic Reappraisal</td>
<td>293</td>
</tr>
<tr>
<td>VI.2</td>
<td>Economic Development with Unlimited Supplies of Labor</td>
<td>297</td>
</tr>
<tr>
<td>VI.3</td>
<td>A Model of Labor Migration and Urban Unemployment in Less Developed Countries</td>
<td>300</td>
</tr>
<tr>
<td>Note</td>
<td>The Lewis Versus the Harris–Todaro View of Underemployment in Less Developed Countries</td>
<td>302</td>
</tr>
<tr>
<td>VI.4</td>
<td>Wage Spillover and Unemployment in a Wage-gap Economy: The Jamaican Case</td>
<td>307</td>
</tr>
<tr>
<td>Note</td>
<td>Econometric Studies of Migration</td>
<td>312</td>
</tr>
<tr>
<td>VI.5</td>
<td>The Informal Sector</td>
<td>313</td>
</tr>
<tr>
<td>VI.6</td>
<td>A Reassessment of Kenya’s Rural and Urban Informal Sector</td>
<td>316</td>
</tr>
<tr>
<td>VI.7</td>
<td>Labour Market Modelling and the Urban Informal Sector: Theory and Evidence</td>
<td>318</td>
</tr>
<tr>
<td>Selection</td>
<td>The Role of the Informal Sector in the Migration Process: A Test of Probabilistic Migration Models and Labour Market Segmentation for India</td>
<td>323</td>
</tr>
<tr>
<td>VII.1</td>
<td>Development Strategy in a Limping World Economy</td>
<td>332</td>
</tr>
<tr>
<td>Note</td>
<td>Food, Hunger, Famine</td>
<td>335</td>
</tr>
<tr>
<td>VII.2</td>
<td>Criteria for the Design of Agricultural Development Strategies</td>
<td>340</td>
</tr>
<tr>
<td>Selection</td>
<td>The Green Revolution</td>
<td>345</td>
</tr>
</tbody>
</table>
VIII.C. CASE STUDIES  
Selection VIII.C.1. Economic Growth and Income Distribution in Taiwan, 1953–64  
Selection VIII.C.2. Brazilian Size Distribution of Income

IX. POLITICAL ECONOMY  
Overview
IX.A. THE (PROPER) ROLE OF THE STATE IN LESS DEVELOPED COUNTRIES  
Selection IX.A.1. Public Policy and the Economics of Development  
Comment IX.A.1. Development Planning  
Comment IX.A.2. Governing the Market
IX.B. RENT SEEKING AND GOVERNMENT FAILURE  
Note IX.B.1. What Are Rents?  
Selection IX.B.1. The Political Economy of the Rent-Seeking Society  
Comment IX.B.1. Complete Rent Dissipation Through Competitive Rent Seeking in the Harris–Todaro Model  
Comment IX.B.2. The Relationship Between Rent Seeking and Corruption  
Selection IX.B.2. Neoclassical Political Economy, the State, and Economic Development  
Selection IX.B.3. India  
Selection IX.B.4. Governments and Agricultural Markets in Africa  
Selection IX.B.5. Africa’s Growth Tragedy: Policies and Ethnic Divisions
IX.C. STATE CAPACITY  
Selection IX.C.2. The State as Problem and Solution: Predation, Embedded Autonomy, and Structural Change  
Selection IX.C.3. Taking Trade Policy Seriously: Export Subsidization as a Case Study in Policy Effectiveness  
Selection IX.C.4. Bureaucratic Structure and Bureaucratic Performance in Less Developed Countries

X. DEVELOPMENT AND THE ENVIRONMENT  
Overview: Environmental Problems in Less Versus More Developed Countries  
Selection X.1. Development and the Environment  
Comment X.1. The “Environmental Kuznets Curve”  
Selection X.2. North–South Trade and the Global Environment
Comment X.2. Empirical Studies of the Impact of International Trade on the Environment in Less Developed Countries 533

Selection X.3. Deforestation and the Rule of Law in a Cross Section of Countries 535

Selection X.4. Determinants of Pollution Abatement in Developing Countries: Evidence from South and Southeast Asia 544

Selection X.5. Sustainable Development: Ecology and Economic Progress 554

Comment X.3. Weak Sustainability, Genuine Savings, and Green National Accounting 559

APPENDIX: HOW TO READ A REGRESSION TABLE 561

INDEX OF SELECTION AUTHORS 567

INDEX 569
EXHIBITS

Exhibit I.A.1. Basic Indicators 8
Exhibit I.A.2. Exchange-Rate-Deviation Index in Relation to Real GDP per Capita, Thirty-four Countries, 1975. 12
Exhibit I.A.3. The Human Development Index 21
Exhibit I.A.4. Similar Income, Different Human Development, 1993 23
Exhibit I.A.5. Human Development Index Rankings 24
Exhibit I.B.1. Balance Sheet of Human Development—Developing Countries 35
Exhibit III.1. Economic and Social Indicators in Fast and Slow Growth Economies 122
Exhibit IV.A.1. Share of Primary Products in Merchandise Exports and Index of Export Concentration 159
Exhibit V.C.1. Health Indicators 249
Exhibit V.C.2. Life Expectancies and Health Expenditures in Selected Countries 262
Exhibit VI.1. Self-employment and Unpaid Family Workers Circa 1990 295
Exhibit VII.D.1. Rural and Urban Poverty in the 1980s 373
Exhibit IX.A.1. Market Failure and State Intervention 431
The economics of development is one of the most exciting subjects in social science. Why, two centuries after the Industrial Revolution, are poverty and its attendant ills so prevalent in most of the world? And what can be done about it? Nobel Prize–winning economist Robert Lucas wrote of the questions addressed by development economics, “Once one starts to think about them, it is hard to think about anything else” [“On the Mechanics of Economic Development,” Journal of Monetary Economics 22 (July 1988), p. 5].

Development economics is also a very frustrating subject. Unlike most areas within economics, there exists no consensus on what the student should know. Two scholars can with equal justification write two completely different textbooks.

The aim of this book is to convey as much of the excitement of development economics and as little of the frustration as possible. To this end we have avoided writing the ordinary type of textbook, instead culling the most insightful readings from the diffuse field of development and bringing them into conceptual order. By using this distinctive approach we allow for a variety of perspectives while keeping in sight the most important overarching themes. The section “Using This Book” (p. xix) describes our strategy of combining excerpted readings (“Selections”) with our own “Overviews,” “Notes,” “Comments,” and “Exhibits.”

After being responsible for the previous six editions of Leading Issues in Economic Development over the past 35 years, Professor Meier has now selected Professor Rauch to upgrade and modernize this seventh edition and to perpetuate subsequent editions. This edition is mainly Professor Rauch’s effort. It reflects his desire to strengthen the analytical and quantitative dimensions of development economics and to illuminate contemporary—and future—problems of development policymaking. In all, it provides fresh and serious attention to the interplay between development experience, changing views of economists, and policy.

While this seventh edition maintains the format of previous editions, the inclusion of a new author has brought many changes relative to the sixth edition:

• New chapters on income distribution and on development and the environment have been added while other chapters have been consolidated.
• Most of the Selections and Notes are new.
• The representation in the Selections of articles from leading professional journals has increased.
• The Selections make greater use of statistical analysis, and an Appendix, “How to Read a Regression Table,” has been added to ensure that these Selections are easily accessible to all readers.

We wish to express our appreciation to the authors and publishers who have granted permission to use excerpts from publications for which copyrights exist. Specific acknowledgment is given with each Selection. Some parts of the original versions of the excerpted materials have been omitted out of consideration for relevance and to avoid repetition. In some instances, tables and diagrams have been renumbered and the footnotes have been deleted or renumbered.

We would like to thank a number of extremely busy people who generously took time out to provide advice or to comment on portions of the manuscript: Richard Carson, Graham Elliott, Peter Evans, and Dani Rodrik. We would also like to acknowledge the valuable research assistance of Neville Francis, Timothy Kane, Paula Lindsay, and Donald McCubbin. James Rauch wishes to thank his wife, Doris
Bittar, for making room in her life for this book during its final months of preparation. Kenneth MacLeod has been a very helpful and patient editor. Finally, we are grateful to the entire profession of social scientists whose writings on development provide the foundation for this volume.
USING THIS BOOK

Instructors and students can use this book more like a main text or more like a supplementary reader. To facilitate the latter approach the contents have been designed to allow individual freedom of choice in deciding what chapters and Selections to read and in what sequence. If the former approach is taken, the organizational and thematic guidance of the chapter Overviews can be followed and the chapters can be read in numerical order.

The chapters include the following materials:

**Overviews**: These are introductory essays that show how the subsequent chapter materials fit together and elucidate one or more overarching themes. They sometimes contain ideas that are not explicitly presented by the other chapter materials.

**Selections**: These are the core of the book. They present a broad sample of the major contributions by scholars and practitioners on the central issues in economic development. Each Selection has been edited for the sake of brevity and to highlight the points of greatest relevance for the chapter in which it appears.

**Notes**: These serve two purposes. One is to expound important ideas that are extant in the literature but are not presented as clearly or simply as we would like. The other is to present more original material that complements the Selections.

**Comments**: Like the Notes, these serve two purposes. One is to clarify or expand upon the immediately preceding Selection. The other is to suggest additional readings on the subject of the immediately preceding Selection.

**Exhibits**: These are tables and charts that provide empirical illustrations and data on topics under discussion. Starting with Selection III.1, some Selections include regression tables. Readers without econometric training are urged to refer to the Appendix to get the most insight from these Selections.
INDEX OF SELECTION AUTHORS

Ahluwalia, Montek S., 387–90
Alesina, Alberto, 401–3, 404–8
Balassa, Bela, 180–86
Banerjee, Biswajit, 323–27
Barberi, Edward, 554–59
Barro, Robert J., 234–36
Bates, Robert H., 450–55
Behrman, Jere R., 254–56
Benhabib, Jess, 218–22
Bhagwati, Jagdish N., 13–17, 187–90
Binswanger, Hans P., 356–58
Birdsall, Nancy, 242–48
Blomström, Magnus, 126–28
Braverman, A., 361–63
Buvinic, Mayra, 275–79

Cardoso, Eliana, 52–57
Chichilnisky, Graciela, 531–33
Collier, Paul, 280–82
Deacon, Robert T., 535–43
Deardorff, Alan V., 175–78
Deolalikar, Anil B., 254–56
Easterly, William, 147–53, 456–70
Edwards, Sebastian, 58–60
Evans, Peter B., 476–94, 508–15
Fei, John C. H., 409–16
Fields, Gary S., 318–22, 391–93
Fishlow, Albert, 52–57, 417–20
Guasch, J. L., 361–63
Hanushek, Eric A., 229–33
Harrison, Ann, 209–10
Hettige, Hemamala, 544–53
Hill, M. Anne, 263–70
Huq, Mainul, 544–53
ILO Mission, 313–15
International Labour Office, 271–74
Johnston, Bruce F., 340–45
Keefer, Philip, 471–75
Khalily, Baqui, 285–87
Khan, Zahed, 285–87
Khandker, Shahidur R., 285–87
King, Elizabeth M., 263–70
Knack, Stephen, 471–75
Kremer, Michael, 147–53
Krueger, Anne, 187–90, 437–40
Kuo, Shirley W. Y., 409–16
Kuznets, Simon, 382–86
Lee, Jong-Wha, 234–36
Levine, Ross, 141–46, 456–70
Lipsey, Robert E., 126–28
Lipton, Michael, 370–72
Livingstone, Ian, 316–17
Lyctte, Margaret A., 275–79
McKinnon, Ronald L., 133–36
Markandya, Anil, 554–59
Matsuyama, Kiminori, 107–9
Murphy, Kevin M., 111–13
Overseas Development Institute, 65–68
Pack, Howard, 206–8
Pargal, Sheoli, 544–53
Patrick, Hugh T., 138–40
Pearce, David, 554–59
Perkins, Dwight, 48–51
Perotti, Roberto, 404–8
Preston, Samuel H., 293–94
Pritchett, Lant, 114–18, 147–53
Psacharopoulos, George, 223–26
Ranis, Gustav, 170–74, 409–16
Rauch, James E., 395–99, 508–15
Reynolds, Lloyd G., 80–95
Robinson, Sherman, 394
Rodrik, Dani, 195–201, 401–3, 495–507
Rosenzweig, Mark R., 356–58
Sachs, Jeffrey D., 161–67
Sen, Amartya, 283–84
Shleifer, Andrei, 111–13
Singh, Inderjit, 364–66
Spiegel, Mark M., 218–22
Squire, Lyn, 364–66
Srinivasan, T. N., 61–63, 442–45
Stern, Nicholas, 426–30
Strauss, John, 364–66
Summers, Lawrence, 147–53
Tidrick, Gene M., 307–11
Timmer, C. Peter, 347–49
Todaro, Michael P., 300–301
Vishny, Robert W., 111–13
Wai, U Tun, 129–32
Warner, Andrew M., 161–67
Wheeler, David, 544–53
Zejan, Mario, 126–28
INDEX

Acquired immune deficiency syndrome (AIDS), 257, 260
Adverse selection effect, 362
Afghanistan, 88, 91, 263, 536
Africa, 104. See also East Africa; North Africa; South Africa; Sub-Saharan Africa; West Africa; agriculture and, 97, 100, 333; divergence and, 115; economic environment in, 430; economic growth in, 84–85, 86–87, 89, 91, 92, 94; education in, 219, 225; environment and, 526, 528; health in, 258; industrialization and, 98, 99, 451–52; population of, 244; poverty in, 18; rural-urban migration in, 293, 294; state intervention in agricultural markets, 450–55; typology of development in, 170–74; unemployment in, 310; women in, 274, 275, 276, 281
Agency for Marginal Farmers and Agricultural Labour (AMFAL), 366–67; in Taiwan, 340, 344; supply elasticity of production, 366–67; in Taiwan, 340, 344
Agricultural household models, 331, 364–66
Agricultural productivity: comparative advantage, economic growth and, 107–9; factoral terms of trade and, 99–101; in Lewis model of world economy, 104–6; soil, water and, 522–23; strategies for increasing, 343
Ahuwalia, Montek, 209
Air quality, 521–22, 525
AK model, 120, 121, 123–25, 151, 178
Algeria, 86, 87
Alliance for Progress, 54
Amakudari, 481
Amazon Basin, 532
Argentina, 99, 406; agriculture and, 108; economic development in, 52; economic growth in, 86, 92, 94, 473; economic reforms in, 58; industrialization and, 98, 182, 183; poverty in, 55; trade and, 192, 202
Asia, 2, 104. See also East Asia; South Asia; Southeast Asia; agriculture and, 97, 100, 333, 344; economic growth in, 80, 84, 86, 93; education in, 429; environment and, 526; industrialization and, 99; interest rates in, 129, 134; population of, 242; rural-urban migration in, 294; women in, 271, 272–73, 274, 275, 276, 283, 284
Assassinations, 458, 540
Association of Southeast Asian Nations (ASEAN), 43
Australia, 88, 99, 101, 105, 183
Automobile industry, 202, 500–501
Autonomy. See Embedded autonomy; State autonomy
Backwash, 98
Bahrain, 297
Balkans, 264
Big push, 69
Bimodal agricultural strategy, 330, 340–42, 343, 345, 347
Biodiversity, 523–24
Bolivia, 144; education in, 237, 240; export subsidies and, 495, 503, 505; poverty in, 18; women in, 276; women’s education in, 264
Botswana, 65; economic growth in, 147, 152; ethnic diversity in, 463; political system of, 406; trade and, 156; women in, 275; women’s education in, 263, 268
Banco, Castello, 417
Brazil, 5, 6; deforestation in, 536; economic development in, 52; economic growth in, 54, 83, 84, 86, 91, 92, 93, 94; economic reforms in, 58, 60; education in, 230, 231, 232, 239, 419; environment and, 527, 528, 531; export subsidies and, 495, 499–501; health in, 427; income distribution in, 56, 378, 417–20; industrialization and, 98, 99; poverty in, 36, 55; state intervention in, 488–91, 493, 494; trade and, 189, 192, 202; women in, 273, 276
Bribery, 438, 461, 509
Brundtland Report, 555
Bolivia, 144; education in, 237, 240; export subsidies and, 495, 503, 505; poverty in, 18; women in, 276; women’s education in, 264
Botswana, 65; economic growth in, 147, 152; ethnic diversity in, 463; political system of, 406; trade and, 156; women in, 275; women’s education in, 263, 268
Banco, Castello, 417
Brazil, 5, 6; deforestation in, 536; economic development in, 52; economic growth in, 54, 83, 84, 86, 91, 92, 93, 94; economic reforms in, 58, 60; education in, 230, 231, 232, 239, 419; environment and, 527, 528, 531; export subsidies and, 495, 499–501; health in, 427; income distribution in, 56, 378, 417–20; industrialization and, 98, 99; poverty in, 36, 55; state intervention in, 488–91, 493, 494; trade and, 189, 192, 202; women in, 273, 276
Bribery, 438, 461, 509
Brundtland Report, 555

INDEX 571

Africa, 65–68; typology of, 170–74; underemployment and, 395–99; unlimited labor supply and, 297–99
Economic environment, 429–30
Economic growth: agricultural productivity, comparative advantage and, 107–9; agriculture and, 81, 82, 83–84, 342–43; cross-country studies of, 141–45, 458–60; in East Asia, 36–41, 147, 152; education and, 216–17; environment and, 524–26; extensive, 80–85; fixed investment and, 126–28; functional approach to, 40–41; income distribution and, 391–93, 401–3, 409–16; income inequality and, 382–86; industrialization and, 81, 82, 183–84; institutional indicators and, 471–75; intensive, 80, 88–95; in Latin America, 52–54, 80, 84, 86, 89, 90, 93, 94; natural resources and, 156, 161–67; policies versus shocks in, 147–53; in Third World countries: 1850–1980, 80–96; trade and, 81, 82, 84, 85–86, 87, 89, 90, 149–51, 187–90; turning points in, 85–88
Economic indicators, 56
Economic Planning Board (EPB), 483
Economic reforms: in India, 61–63; in Latin America, 58–60
Ecuador, 18, 532
Egypt, 7; bureaucracy in, 514; divergence and, 115; economic growth in, 84, 85, 88, 89, 92, 93, 94; education in, 230, 231, 232; poverty in, 18; trade and, 189; women in, 283
Elasticity of demand, 107–8, 109, 110
Electronic Research and Service Organization (ERSO), 199
El Salvador, 52
Embedded autonomy, 478, 480, 481–82, 484, 485–86, 487, 490, 491, 493, 494
Employment. See also Labor force; Underemployment;
Unemployment: in India, 448; in rural sector, 356–58
Enclosure, 532
Endogenous growth theory, 4, 75–76, 120, 121, 218; two-sector model of, 107–9
Endogenous politicians, 443
Endowment ratio, 15–16
Engel’s law, 78, 109
England, 97, 138, 244–45.
Engel’s law, 78, 109
Endowment ratio, 15–16
Environment, 517–59; balance sheet of, 35; economic development and, 520–29; Kuznets curve for, 517, 529–30; sustainable development and, 519, 554–59; trade and, 518, 531–34
Environmental Protection Agency (EPA), 529, 547, 548
Ethiopia, 88, 115, 335
Ethnic diversity, 423–24, 456–58, 242, 243, 244, 283. See also Birth rates; economic growth and, 82, 83; education programs and, 246–47; infant mortality and, 245–46; nutrition and, 255
Fertilizer plants, 544, 548–49
Fictitious exports, 503, 504
Financial development, 138–40, 141–46
Financial liberalization, 133–37
Five-Year Plan, 431
Fixed investment, 126–28
Fixed-rate tenancy, 357, 358
Fixed investment, 126–28
Fixed investment, 126–28
Famine, 335
Fertility rates, 242, 243, 244, 283. See also Birth rates; economic growth and, 82, 83; education and, 226; family planning and, 246–47; infant mortality and, 245–46; nutrition and, 255
Fertilizer plants, 544, 548–49
Fictitious exports, 503, 504
Financial development, 138–40, 141–46
Financial liberalization, 133–37
Five-Year Plan, 431
Fixed investment, 126–28
Fixed-rate tenancy, 357, 358
Food and Agriculture Organization (FAO), 535
Food crops, 451
Food prices, 254–55
Food subsidy, 82–84, 88–89, 91
Foreign direct investment (FDI), 90, 102, 157–58; benefits of, 209–10; China and, 50–51; East Asia and, 39, 44; Latin America and, 53, 58; technology transfer and, 209–10
Formal sector, 313, 317, 319; mobility from informal sector to, 323–26; relation between informal sector and, 314–15, 321
Four Tigers, 3, 36. See also Hong Kong; Korea; Singapore; Taiwan
France, 90, 97, 138, 283
Franc Zone, 65
Free-rider problem, 168, 442, 443, 445
Freighters, 97
Full income, 365
Functional approach to economic growth, 40–41
Gabon, 166
Gabon, 481
Gandhi, 62
Gandhi, 62
Gakubatsu, 481
Gabon, 166
Functional approach to economic growth, 40–41
Full income, 365
Free-rider problem, 168, 442, 443, 572
INDEX
Government.
Goldenberg (firm), 502–3
Global warming, 521
Gini coefficient, 376, 380, 392, 395, 401–2, 416, 417
Gini indices, 56, 57
Global warming, 521
Gold Coast, 298
Goldenberg (firm), 502–3
Government. See Policies; State intervention
Government failure, 336, 348, 401–2, 416, 417
Government failure, 336, 348, 401–2, 416, 417
Ghana: divergence and, 115; economic growth in, 86, 87, 94; environment and, 533–34; ethnic diversity in, 462–63; health in, 257; import substitution and, 180; industrialization and, 99; state intervention in agricultural markets, 453, 454, 455; trade and, 189; women in, 273
Gini coefficient, 376, 380, 392, 395, 401–2, 416, 417
Gini indices, 56, 57
Global warming, 521
Gold Coast, 298
Goldenberg (firm), 502–3
Government. See Policies; State intervention
Government failure, 336, 348, 401–2, 416, 417
Granger-causes growth, 120, 126
Great Bengal Famine, 335
Great Britain/United Kingdom, 90, 97, 98, 100, 101, 105, 107, 168, 170. See also England; divergence and, 115; environment and, 531; import substitution and, 184; income distribution in, 375–76, 382–83, 386; interest rates in, 124
Great Britain/United Kingdom, 90, 97, 98, 100, 101, 105, 107, 168, 170. See also England; divergence and, 115; environment and, 531; import substitution and, 184; income distribution in, 375–76, 382–83, 386, 386, 419; industrialization and, 180; Jamaican emigration to, 307; women in, 283, 298
Great Depression, 52, 87, 170
Greece, 191
Greenhouse warming, 517, 524
Green national accounting, 559
Green Revolution, 109, 272–73, 330, 333, 340, 345–46, 430
Gross domestic product (GDP): absorption in form of services and commodities, 14; agriculture and, 368; in AK model, 123, 125; bureaucracy and, 508; calculating a lower bound for, 114–16; of China, 48, 49; of East Asia, 36; economic growth and, 84–95, 142–45; education and, 234, 235; environment and, 523; exchange-rate deviation in relation to, 6, 12; fixed investment and, 126; of India, 61, 62, 63; interest rates and, 134–36; investment and, 406, 407; of Latin America, 52, 53; natural resources and, 161, 162, 163–65
Gross national product (GNP), 2; as development measure, 5–7; in East Asia, 37; economic growth and, 92, 93, 94; education and, 237, 239; health care and, 258; inverted-U hypothesis and, 387, 389; women’s education and, 263
Growth accounting, 219–22
Grupo Ejecutivo para Industria Automobilistica (GEIA), 490–91
Guatemala, 18, 58
Gulf War, 62
Haiti, 58, 307, 310, 529, 536
Handicrafts, 81, 84, 89
Harris-Todaro model, 423; rent seeking in, 440; of underemployment, 291, 302–6, 396, 399
Headcount index, 19
Health insurance, 258, 259
High-income economies: basic indicators in, 11; development measures in, 5; Gini coefficient in, 392; health indicators in, 252–53; population and labor force in, 34; self-employment and unpaid family workers in, 295–96
High-performing East Asian Economies (HPAEs), 3, 36–41, 237–39. See also Hong Kong; Indonesia; Korea; Malaysia; Singapore; Taiwan; Thailand
Historical perspective, 77–118; on division of the world, 97–99; on factorial terms of trade, 99–101; on spread of economic growth, 80–96
Honduras, 55, 276, 473
Hong Kong, 3, 51, 460, 466; economic crisis in, 43; economic development in, 52; economic environment in, 430; economic growth in, 36, 39, 94, 147; education in, 237; family planning programs in, 246; import substitution and, 184; industrialization and, 180; natural resources and, 164; trade and, 184; women’s education in, 270
Hot Oil Act, 532
Household model, 243, 244
Household production, 80–81
Human capital: creating, 237–39; economic development and, 218–22; knowledge acquisition, 207–21; population and, 242–43; problems in system, 257–59
Human development: balance sheet of, 35; income and, 23
Human Development Index (HDI), 2, 7, 21–22, 24–29, 119, 123
Human resources, 214–15, 249–62, 344, 348; primary, 171, 173; secondary, 171–72, 173; second stage of, 181–83, 184, 186, 202; Sub-Saharan Africa and, 67
INBIO, 532
Income: balance sheet of, 35; deforestation and, 358–39; education and, 221–22; environment and, 524–26; family, 244; family distribution of, 409, 415–16; full, 365; human development and, 23; in India, 61, 448–49; per capita. See Per capita income; secular levels of, 382, 383, 384, 386; subsistence, 115
INDEX  573

political instability, investment and, 404–8; politics of, 401–3; population and, 244; in Taiwan, 378, 403, 409–16
Income inequality, 394. See also Income distribution; economic growth and, 382–86; measurement of, 379–81; poverty and, 387–90; trends in, 382–84, 385–86; urban underemployment and, 395–99
Income taxes, 124, 125, 386
India, 3, 105, 168, 446–49; agriculture and, 101, 414; asset redistribution policies in, 446; credit for rural sector in, 447; divergence and, 115; economic environment in, 431; economic growth in, 83, 84, 85, 88, 89, 90, 91, 92, 93, 94; economic reforms in, 61–63; education in, 447–48; environment and, 524; export subsidies and, 505–6; family planning programs in, 246, 247; Five-Year Plan in, 431; foreign direct investment and, 209; health in, 429; hunger in, 335; import licenses and, 62, 437; import substitution and, 61, 181; import licenses and, 62, 437; health in, 429; hunger in, 335; import licenses and, 62, 437; import substitution and, 61, 181; industrialization and, 98; informal sector and, 313–15; inflation, 63
Infant mortality, 7, 115–16; in Chile, 429; in China, 427; female, 284; in India, 61; in Latin America, 56; population and, 245–46
Infant-industry argument, 156, 168–69, 182, 186
Infant mortality, 115–16; in Chile, 429; in China, 427; female, 284; in India, 61; in Latin America, 56; population and, 245–46
Inflation, 63
Information costs, 355, 359, 361
Infrastructure, 426, 427, 429; of India, 446, 447; institutional, 411–12; quality of, 472; rural, 332; of Sub-Saharan Africa, 460; of Taiwan, 411–12
Institutional indicators, 471–75
Insurance: agricultural, 336; health, 426–27; life, 427
Islam, 283
Ishikawa curve, 83
Iran, 88, 89
Iraq, 88, 89
Iraq, 88, 89
Israel, 2, 191
Italy, 6, 13, 114
Iron and steel industry, 300–301
Ireland, 348
Ivory Coast: bureaucracy in, 514; deforestation in, 536; economic growth in, 86, 87, 94; environment and, 533; import substitution and, 180; poverty in, 18; women’s education in, 268
Jamaica: informal sector in, 318; unemployment in, 291, 307–11
Japan, 2, 3, 102, 139, 170, 405, 480–82, 484, 485, 486, 487; agriculture and, 340, 342, 344, 348, 414; diversity and, 114; economic crisis in, 45, 46, 47; economic growth in, 36, 41, 86, 89; education in, 225; environment and, 531, 532; income distribution in, 403, 417; industrialization and, 98; interest rates in, 124, 133; takeover of Korea, 87; trade and, 202
Japan Developmental Bank, 480
Japanese model, 480–82
Java, 18, 98, 268, 523, 524
Joint Commission on Rural Reconstruction (JCRRL), 412, 414
Kenya: economic growth in, 86, 87; education in, 230, 239; environment and, 526; ethnic diversity in, 462, 463; export
Latin America, 1, 3, 4, 104; economic crisis in, 42, 44, 45, 47; economic development in, 52; economic environment in, 430; economic growth in, 36, 39, 41, 87, 89, 91, 93, 94; education in, 225, 237; export subsidies and, 495, 496–99, 502–3; family planning programs in, 246; foreign direct investment and, 210; income distribution in, 403; interest rates in, 124; natural resources and, 164, 166; state intervention in, 157, 195–201, 482–84, 485, 487; technology and, 204, 206–8; trade and, 184, 185, 188, 192; women’s education in, 268

Korup National Park, 532

Korea, 3, 102, 466, 480; economic industrialization and, 98, 99, 182; inequality in, 390, 397; income distribution in, 403, 409–12, 446

Kravis-Heston-Summers productivity explanation, 13–15

Krueger’s trade model, 175–78, 179

Kuomintang (KMT), 484–85, 486

Kuwait, 166

Kuznets, Simon, 375–76, 387, 391, 395

Kuznets environmental curve, 517, 529–30


Laissez-faire, 64

Land ownership, 401–3

Land reform, 330, 332, 344–45, 346, 403, 409–12, 446

Land use model, 539

Latin America, 1, 3, 4, 104; agriculture and, 97, 100; economic and social indicators in, 56; economic development in, 1950–1980, 52–57; economic growth in, 52–54, 80, 84, 86, 89, 90, 93, 94; economic reforms in, 58–60; education in, 219, 222, 238, 429; environment and, 526, 533; health in, 258; import substituting, 32, 52, 53, 54, 181, 185; income distribution in, 54–57, 403, 407; income inequality in, 390, 397; industrialization and, 98, 99, 182; interest rates in, 129, 134, 137; poverty in, 19; rural-urban migration in, 293, 294; Sub-Saharan Africa compared with, 456, 458, 459, 464; trade and, 53, 202; typology of development, 170–74; women in, 271, 272, 275, 276, 277; women’s education in, 263, 266

Law for Dealing with Illicit Wealth, 497

Law of Large Numbers, 396

Law of one price, 5

Lead, 521–22

Learning-by-doing, 75, 78, 161, 168, 211, 343

Lerner diagrammatic technique, 13

Lesotho, 529

Lewis model of underemployment, 291, 302–6

Lewis model of world economy, 104–6

Libya, 263

Life expectancy, 7; in China, 427; divergence and, 115; health expenditures and, 262; in India, 61; in Latin America, 56; poverty and, 18, 19; in Sub-Saharan Africa, 456; of women, 283, 284

Literacy, 56, 218, 263, 266

Lloyd, 528

Low-income economies: basic indicators in, 11; health indicators in, 252; population and labor force in, 34

Lower-middle-income economies: basic indicators in, 9–10; health indicators in, 250–51; income inequality in, 397; self-employment and unpaid family workers in, 295; women’s education in, 265, 267

Low-income economies: basic indicators in, 8–9; development measures in, 5; Gini coefficient in, 392; health indicators in, 249–50; health systems in, 258; income inequality in, 389; population and labor force in, 31–32; self-employment and unpaid family workers in, 295; women’s earnings in, 276–77; women’s education in, 263–64, 265, 267

Lucky-Goldstar, 196–98

Ludhiana, 318

Macroeconomics: in Caribbean, 59; in East Asia, 43–44; education and, 225; health and, 254, 255; in informal sector, 316; in Latin America, 52, 59, 60

Madagascar, 529

Mahalanobis Committee on Distribution of Income and Levels of Living, 61

Maharastra, 429

Mahaweli scheme, 528

Malawi, 267–68, 273, 282

Malaya, 86

Malaysia, 3; economic crisis in, 42, 44, 47; economic growth in, 36, 39, 40, 89, 91, 94; informal sector in, 319–21; natural resources and, 165; population in, 245; women in, 271, 273, 275; women’s education in, 268–69

Malthus, Thomas, 73

Manmade Fibers Association, 485

Manufacturing. See also Industrialization: agriculture and, 333–34; economic growth and, 89–90, 92–93; in Krueger’s trade model, 175–78

Mao Zedong, 48, 50

Market failure, 426; agriculture and, 336, 348, 356; environment and, 524; import-substituting industrialization and, 168–69; state intervention and, 431

Market policy approach to agriculture, 348

Markets, 432–33; agricultural, 336; China’s move to, 48–51; commodity, 450–51; health care, 259–60; population and, 244–45; size of, 111–13

Marshallian inefficiency, 357

Marxist theory, 298, 442, 445, 477

Maternal mortality, 257, 258

Mauritania, 273

Mauritius, 65, 165, 529

McKenzie-Chipman diversification cone, 15

Merck and Company, 532

Mexico: bureaucracy in, 482; economic environment in, 430; economic growth in, 86, 89, 91, 92, 93, 94; economic reforms in, 58; environment and, 533; foreign direct investment and, 157–58, 210; political system of, 404; poverty in, 18, 55; trade and, 202; typology of development, 170–74; women in, 273

Microeconomics: education and, 223–25; health and, 254; in Latin America, 52; in rural sector, 330, 352–67

Middle class, 377, 407

Middle East, 2; economic growth in, 80; environment and, 524; natural resources and, 165; poverty in, 19; women in, 272; women’s education in, 264, 266
Producer-driven chains, 204
Productivity. See also Agricultural productivity: factor proportions explanations, 17; growth accounting with human capital stocks in, 220–22; Kravis-Heston-Summers explanation for, 13–15
Profit effect, 366
Programa de Integracao Nacional (PIN), 418
Programa de Integracao Social, 418
PROKASHI, 545
Property rights, 442, 444, 518, 526, 527, 532, 535, 539–41
Prussia, 383
Public choice school, 443
Public goods, 259, 336
Public sector: economic growth and, 352–55; new institutional economics and development theory in, 359–60; recent tenancy models in, 356–58; reform in, 49–50; strategies for welfare improvement in, 343–45
Rural sector. See also Agriculture: contractual arrangements in, 330, 356–58; credit in, 361–63, 447; informal, 314–15, 316–17; investment in, 332, 448; microeconomics of, 330, 352–67; new development economics and, 352–55; new institutional economics and development theory in, 359–60; recent tenancy models in, 356–58; reform in, 49–50; strategies for welfare improvement in, 343–45
Rural-urban divide, 373–74
Rural-urban migration, 289–327; demographic reappraisal of urban growth and, 293–94; econometric studies of, 312; informal sector role in, 292, 323–27; model of urban unemployment and, 300–301; unlimited labor supply and, 297–99
Russia, 139
Sanitation, 521
Saudi Arabia, 165, 166
Savings: in AK model. See AK model; in East Asia, 36, 42; as engine of growth, 119–22; financial liberalization and, 133–37; genuine, 559; in India, 63; women and, 280–81
Savings clubs, 280
Saxony, 383
Schulz, Theodore, 300
Secondary export substitution (SES), 171–72, 173
Secondary import substitution (SIS), 171–72, 173
Secondary school education, 237–39, 265, 266
Second best solutions, 337
Second Indian Plan, 371
Secular levels of income, 382, 383, 384, 386
Seemingly-unrelated-regression (SUR) technique, 234
Self-employment, 295–96, 313, 318, 321, 397
Semi-democracies, 404
Service prices, 13–17
Shaman Pharmaceuticals, 532
Shocks, 147–53
Sierra Leone, 254
Singapore, 2, 3; economic crisis in, 43; economic development in, 52; economic environment in, 430; economic growth in, 36, 39, 40, 94; education in, 237; environment and, 527; interest rates in, 124, 133; natural resources and, 164; technology and, 207; trade and, 184, 185; women in, 273
Sino-Japanese War, 86
Small Farmers Development Agency (SFDA), 447
Smith, Adam, 69, 72, 75, 98, 494
Social indicators, 56
Social insurance, 258
Soft states, 496
Sogo shosha, 102
Soil quality, 522–23
Somalia, 115, 263
Somprasong Land, 46
South Africa, 97, 99, 273
South America, 345
South Asia: economic growth in, 91; health in, 258; import substitution and, 181; industrialization and, 182; pollution abatement in, 544–53; population of, 244; poverty in, 18, 19; women’s education in, 263, 266
Southeast Asia: economic growth in, 36, 92; pollution abatement in, 544–53; women in, 271
Southern Europe, 98, 99
Southern Rhodesia. See Zimbabwe (Southern Rhodesia)
Soviet Union, 2, 181, 526
Spanish-American War, 86
SPPM, 549
Sri Lanka: development measures in, 7; economic growth in, 89, 91, 93; environment and, 528; health in, 254, 427–29; women in, 271, 275, 276
State autonomy, 496
State intervention, 432–33. See also Policies; in African agricultural markets, 450–55; arguments for, 426; in health care, 259–60; in Korea, 157, 195–201, 482–84, 485, 487; market failure and, 431; neoclassical economics and, 442–45; as problem and solution, 476–94; in Taiwan, 157, 195–201, 482, 484–86, 487
State-owned enterprises (SOEs), 96, 485, 493, 551
Strong states, 496
Strong sustainability, 555, 559
Structuralist analysis, 70
Structural transformation, 478–79, 489–90
Sub-Saharan Africa, 2, 3, 4, 422–24; economic development in, 65–68; economic growth in, 80, 456–70; education in, 65, 68, 237, 238, 429; environment and, 523, 527; ethnic diversity in, 423–24, 456–58, 460–66; income distribution in, 407; personal rule effects in, 67; poverty in, 18, 19; women in, 271, 272, 283, 284; women’s education in, 263, 266, 269
Subsistence income, 115
Sudan, 65, 88, 95, 263, 273
Suez Canal, 86
Sukarno administration, 88
Sukhatme-Srinivasan-Seckler-Payne hypothesis, 255
Sulfur dioxide, 522
Sun Yat Sen, 484
Supply elasticity of agricultural production, 366–67
Supply-leading phenomenon, 139–40
Suspended particulate matter, 521
Sustainable development, 519, 554–59
INDEX

Switzerland, 107

Synthesis model, 243, 244

Taiwan, 2, 3, 5, 168, 480;
agriculture and, 340, 344, 348, 412–14; economic crisis in, 43, 45; economic development in, 52; economic environment in, 430; economic growth in, 36, 39, 86, 87, 89, 91, 93, 94, 403, 409–16; income distribution in, 378, 403, 409–16; industrialization and, 111, 414–16; interest rates in, 124, 133; state intervention in, 157, 195–201, 482, 484–86, 487; technology and, 206–8; trade and, 184, 185, 202; typology of development in, 170–74; women in, 275

Taiwan Agriculture and Forestry Development Corporation, 415

Taiwan Cement Corporation, 415

Taiwan Industrial and Mining Corporation, 415

Taiwan Pulp and Paper Corporation, 415

Taiwan Sugar Corporation, 410

Tanganyika, 86, 87

Tanzania, 18, 115, 280, 451

Tariff Refund Certificate (CRA), 503

Tariffs, 435–36, 437; agricultural trade and, 338; concertina approach to, 192; industrialization and, 180, 182; Latin America and, 54; reforming, 191–92; replacing quantitative restrictions, 191

Taxes, 406, 500; in Africa, 450–51; agricultural, 368; carbon, 527; direct, 368, 386, 418; income, 124, 125, 386; in India, 448–49; indirect, 368, 449

Technology: agriculture and, 332, 350–51, 352, 353–54; economic growth and, 152; gaps between countries, 206–8

Technology transfer, 157–58, 204–12

Tenancy ladders, 330, 358

Textiles, 84, 89, 98, 99, 168, 485–86

Thailand, 3; agriculture and, 342, 414; economic crisis in, 42, 43, 44, 45, 46, 47; economic growth in, 36, 39, 84, 86, 89, 91, 93, 94; education in, 216, 230, 237; environment and, 526, 529; industrialization and, 98, 99; pollution abatement in, 544, 545, 546, 549–51

33/50 program, 548

Todaro paradox, 396

Trade, 153, 155; Africa and, 451–52; agricultural, 332, 337–38; China and, 50–51; classical growth theory on, 72, 73; control of, 187–90; division of world in, 97–99; economic growth and, 81, 82, 84, 85–86, 87, 89, 90, 149–51, 187–90; as enemy, handmaiden, and engine of growth, 211–12; environment and, 518, 531–34; factorial terms of, 99–101; India and, 61, 189, 191; in intermediate goods, 202–3; Krueger’s model of, 175–78, 179; Latin America and, 53, 202; liberalization of, 187–90, 192–94; policy reform in, 191–94; rural-urban terms of, 373; technology transfer and, 157–58, 204–12

Trade unions, 301, 307, 396

Transportation costs, 6, 85–86, 89

Transaction costs, 355, 357, 359, 360, 361

Transportation costs, 6, 85–86, 89

Trickle down process, 389

Trinidad, 307

TSRC, 549

Tunisia, 6

Turkey, 102; economic growth in, 84, 85, 88, 91, 93, 94; export subsidies and, 503–5; rent seeking in, 438–39; trade and, 188; women’s education in, 263

Two-sector model of endogenous growth, 107–9

Typology of development, 170–74

UFF, 549

Uganda, 86, 87, 95, 99, 115

Uncertainty, 406

Underemployment. See also
Unemployment: economic development, income inequality and, 395–99; Harris-Todaro model of, 291, 302–6, 396, 399; Lewis model of, 291, 302–6

Unemployment. See also
Employment; Underemployment: disguised, 297, 317; in East Asia, 47; in Jamaica, 291, 307–11; model of labor migration and, 300–301

Unimodal agricultural strategy, 330, 340–43, 345, 347

United Kingdom. See Great Britain/United Kingdom

United States, 88, 90, 97, 100, 101, 104, 139, 170; agriculture and, 332; divergence and, 116, 117; education in, 229, 230; environment and, 528, 532; financial development in, 145; health systems of, 258; income distribution in, 375–76, 382–83, 384, 385, 386, 417, 419; industrialization and, 107, 111; Latin America and, 52, 54; pollution abatement in, 548; technology transfer and, 204; trade and, 183, 184, 202; women in, 283

Unorganized money markets, 129–31

Unpaid family workers, 295–96, 319, 397

Upper-middle-income economies: basic indicators in, 10–11; health indicators in, 251–52; income inequality in, 397; population and labor force in, 33–34; self-employment and unpaid family workers in, 295; women’s education in, 265, 267

Urban bias, 331, 370–74

Urban sector, 395–99. See also
Informal sector; Rural-urban migration

Urban traditional sector, 291, 300

Uruguay, 52, 55, 58, 192

Venezuela: economic development in, 52; economic growth in, 86, 87, 89, 91; economic reforms in, 58; education in, 237; environment and, 533; foreign direct investment and, 157, 209–10; political system of, 406

Vietnam, 42, 48

Wage-gap model, 308–9

Wage-rental ratio, 13, 14–15, 16

Wages/earnings: in agricultural labor, 341; in informal sector, 319, 327; in Jamaica, 307–11; in Krueger’s trade model, 175–76, 178; minimum, 448; in rural sector, 356–58; rural-urban migration and, 300; underemployment and, 302, 304–5; unlimited labor supply and, 297; for women, 243, 266, 271, 275–77

Water quality, 521, 522–23, 524, 525, 532, 545–47, 551

Weak states, 496, 504, 506

Weak sustainability, 555, 559

Weak states, 496, 504, 506

Weber, Max, 477–78, 481, 494, 508

Weberian state hypothesis, 508, 509, 510, 511–14

West Africa, 81–82, 273

Western Europe, 97, 98, 99, 104; agriculture and, 333; divergence and, 115; economic growth in, 81; income distribution in, 417

Wigs, 184

Women, 215, 263–88. See also
poverty and, 18, 215, 275–79; role models for, 281; savings and, 280–81
Women-headed households, 215, 273, 275
Women’s education, 263–70, 277, 279, 280; benefits at work and home, 269–70; costs, benefits and gender differentials, 264–67; economic impact of, 225–26; financial, opportunity, and psychic costs of, 267–69; health and, 254, 255; labor force participation, wages and, 243
Wood pulp plants, 544, 548–49
World Conservation Strategy, 555

Yunus, Muhammad, 285

Zaire, 65, 88, 95, 263, 479–80
Zambia, 87, 275
Zimbabwe (Southern Rhodesia), 86, 87, 258