Index

Accounting industry, 122
Advertising services, 122
Aggregate growth sources, 7–46;
  accounting methodology, 8–9;
  cross-country econometric studies
  of, 41–42; data sources, 9–10;
  education’s role, 18–22; financial
  crisis (1997–1998) impact on,
  22–25, 32–41; international
  comparisons, 25–32; labor force’s
  role, 18–22; statistical results,
  10–18
Agriculture: and industrial policy,
  77; labor force migration from,
  18–19; nontariff barriers for, 149
Ahn, Sanghoon, 326n27
Aid dependence, 76
Alfaro, Laura, 267
Al-Marhubi, Fahim, 155
Annual Report on the Economic Active
  Population Survey, 9
Apparel manufacturing, 181, 183
Architectural services, 122
Arellano-Bond estimator, 326n28,
  341n15
Athukorala, Prema-Chandra, 184
Australia, growth rate changes in, 37
Australian Productivity Commission,
  219, 339n43
Auto manufacturing, 84, 85, 142, 156,
  161
Awokuse, Titus, 140
Backward linkages, 154
Balanced-growth model, 43
Balassa-Samuelson effect, 333n5
Bank of Korea, 272, 275, 276–277,
  279
Bankruptcy restructurings, 82–83
Banks: FDI in, 238, 267; and
  financial crisis of 1997–1998, 82;
  leverage ratios of, 276; regulatory
  framework for, 120; subsidization
  of loans, 78, 141, 237
Barro, Robert J., 288
Baumol, William, 109
Benchmarking export performance,
  142–170
Bergin, Paul R., 157
Bilateral trade, 251
Birth rate, 20
Bordo, Michael, 283
Borensztein, Eduardo, 267
Bosworth, Barry, 25
Brazil: export diversification in, 336–337n23
Bureau of Labor Statistics (U.S.), 86
Business services: and capital intensity, 63–64; exports, 115, 132; FDI in, 246; labor productivity growth in, 123; R&D in, 110; and structure of growth, 48, 93; total factor productivity growth in, 56; wage and skill levels in, 107
Business start-up costs, 251

Canada: deindustrialization of labor force in, 89; growth rate changes in, 37
Capital deepening, 18
Capital flows, 270, 287–288
Capital goods: debt financing of, 273; and education, 306; exports, 140, 181, 209, 215; and FDI, 237, 269; and growth accounting results, 10, 14, 15; and industrial policy, 72; international comparisons, 30
Capital intensity, 15, 16, 62–66, 273
Capital/labor ratio, 40
Capital Markets Consolidation Act of 2009, 121
Carkovic, Maria, 266
Carrefour, 115
Catch-basin hypothesis, 112, 114
Catch-up period, 37
Chaebol: and debt financing, 85, 275; and exports, 135, 138, 224; and FDI, 5; and financial crisis of 1997–1998, 82, 85–86; and high technology exports, 176; and industrial policy, 78, 81, 82, 85; and total factor productivity, 15
Charlton, Andrew, 267

Chemical industry, 66, 157
Chile: free-trade agreement with, 83
China: deindustrialization of labor force in, 92, 93; export competition from, 161, 170, 197, 200–201, 203–204, 217, 307; export diversification in, 336–337n23; and export-led growth, 135, 142, 180–218; FDI diversion to, 235, 259, 261, 312, 340n12; GDP growth in, 3; imports from Korea, 157, 160, 212; industrial competition from, 114; inputs imported from, 138; Korean FDI in, 2, 142, 234, 243, 265–266, 267; manufacturing exports from, 161; parts and components exports to, 186, 196; shipbuilding industry in, 209, 212; technology shift in manufacturing, 172
Cho, C. Sam, 10
Choi, Yongseok, 188, 196, 197, 200
Chow break-point test, 40, 136
Chun, Hong-Tack, 267
Chun Doo Hwan, 80–81, 331n29
Chung, S. Young, 10
Chungju Fertilizer Company, 235
Clark, Colin, 334n9
Collins, Susan M., 25
Competitive pressure: and exports, 136, 141, 224; and high technology sector, 170; price competitiveness, 147; regulatory limits on domestic markets, 118; in service sector, 112, 114, 115, 116
Construction industry, 48–62, 95, 98, 127, 334n17
Consulting industry, 122
Consumer electronics, 156, 161
Consumer-goods exports, 135
Cost of starting business, 251

Cross-country econometric studies, 7, 41–42

Cross-industry learning spillover, 154

Cultural and recreational services, 115, 133

Currency exchange rate: and exports, 145, 146; and financial crises, 272–273; and growth accounting results, 14; and industrial policy, 73, 76

Darrat, Ali, 140

Debt financing, 85–86, 237, 271–273, 279, 281

De Gregorio, Jose, 267

Deindustrialization, 3, 47, 86–92, 100–104, 332n45

Demirgüç-Kunt, Asli, 342n3

Demographic transition, 19–20, 307, 308, 312

Dependency ratio, 35, 307, 312

Deregulation, 120–121, 123, 238, 326n29. See also Regulatory framework

Devaluation of currency, 14, 76, 145. See also Currency exchange rate

Developing countries: growth accounting in, 12; industrial competition from, 114

The Developmental Role of the Foreign Sector and Aid (Krueger), 139

Dhakal, Dharmendra, 266

Direction of Trade Statistics (IMF), 215

Diversification of exports, 137–138, 154, 156

"Doing Business: Comparing Regulations" (World Bank), 248

Domestic market: Chinese competition in, 196, 200–201, 203–204; growth rate trends in, 43; and manufacturing exports, 141; regulatory limits on competition in, 78, 118

Dongwon Industries, 263

Dornbusch, Rudiger, 146

Dow Chemical Company, 235

Dual labor market, 48

Duran, Jose, 142

Durham, J. Benson, 267

Dynamic panel model, 341n15

Dynamic-shift effect, 57–58

Early retirement age, 118

East Asian countries: capital stock growth in, 30; cross-country econometric studies in, 41; export performance of, 142–170; FDI in, 243, 247; growth accounting results for, 25, 32; import barriers in, 148; manufacturing exports from, 161; manufacturing technology shift in, 172; parts and components trade in, 184–185; service sector exports from, 139, 219. See also specific countries

Economic Planning Board, 236

Education: aggregate growth role of, 18–22; business collaborations with, 311; and cross-country econometric studies, 41; and growth accounting results, 31–32, 328n53; and labor productivity,
Education (continued)
306; labor productivity growth in, 121–122; private, 310; productivity growth in, 121–122; reform priorities for, 310; and research capacity, 308, 310–311; and total factor productivity, 62–64; university graduation rates, 307; wage and skill levels in, 106
Efficiency improvements: and growth accounting results, 16–17, 18; and international competition, 115
Eichengreen, Barry, 89, 146, 205, 259
Electrical machinery, 156, 161, 237
Electricity, gas, and water industry, 48–62, 248
Electronic components, 135, 187, 237. See also Parts and components (P&C)
Employment: in apparel manufacturing, 183; and Chinese export competition, 203–205; and exports, 215, 217; in leather manufacturing, 183; nonregular, 47; in service sector, 105–106; and structure of growth, 48, 56; in textiles manufacturing, 183. See also Informal employment; Self-employment
Engineering industry, 122
Entry barriers, 117–118, 123
EU KLEMS project methodology, 10
Europe and European Union: free-trade agreement with, 83; growth rate changes in, 37; manufacturing exports from, 161; service sector growth in, 56. See also specific countries
Exports, 4; analytical framework for, 139–142; benchmarking Korea’s performance in, 142–170; China’s impact on, 180–218; and currency exchange rate, 14; diversification of, 137–138, 154, 156, 336–337n23; employment creation role of, 215, 217; and financial crises, 283–297; and growth rate deceleration, 37; and industrial policy, 76, 77, 84; market diversification, 157, 160; net exports, 144; and outward FDI, 267; of services, 218–221, 224; technology content of, 4, 170–180, 224; and total factor productivity, 62–64. See also specific countries
Extensive margin, 138, 157, 221
Extreme bounds analysis, 41, 328n49
Eyanayake, E. M., 140
Faculty salaries, 311
Family workers: in service sector, 114, 118; wage compensation assumptions, 9
FDI. See Foreign direct investment
Feasel, Edward, 140
Federal Reserve (U.S.), 275
Feinstein, Charles, 86
Fertility rate, 20, 35
Finance, insurance, real estate (FIRE): and capital intensity, 62–63; exports, 115, 128–129, 219; FDI in, 238, 246; labor productivity growth in, 107, 120, 123; reform efforts in, 121; regulatory framework for, 118, 120; and structure of growth, 48, 93, 95, 99; total factor productivity growth in, 56; wage and skill levels in, 106–107
Financial crisis (1997–1998): and currency exchange rate, 146; economic growth impact of,
Index

22–25, 32–41; and exports, 135–136; and industrial policy, 82; investment rates following, 1–2
Financial deregulation, 120, 121
Financial Services Commission, 121, 242
Finland, deindustrialization of labor force in, 89, 103
FIRE. See Finance, insurance, real estate
Five-Year Green Growth Plan (2009–2013), 83
Foreign aid, 73, 76, 272
Foreign Capital Inducement Law of 1966, 235
Foreign Capital Promotion and Inducement Act of 1960, 235
Foreign direct investment (FDI), 234–269; growth impact of, 266–268; inward, 5, 234, 243–263, 312, 339n12; outward, 5, 142, 234, 263–266; overview, 235–243; reform priorities for, 312; in service sector, 114, 117–118; and structure of growth, 5, 83
Foreign exchange earnings, 73. See also Currency exchange rate
Foreign Investment Promotion Act of 1998, 238
Forward linkages, 154
France: deindustrialization of labor force in, 89, 92, 102, 339n45; manufacturing sector structure in, 67–68
Frank, Charles, 78
Frankel, Jeffrey, 139
Free-trade agreements, 83, 236
General Motors, 339n2
Germany: deindustrialization of labor force in, 88, 101; export competition from, 161; manufacturing sector structure in, 67–68
Global credit crisis (2008–2009), 121, 123, 298
Global Development Finance database (World Bank), 279
Government services, 134, 221
Granger causality tests, 140
Gravity model, 151, 212, 219
Green funds, 84–85
Green growth, 83–84, 86
Growth accounting analysis, 7, 10–18, 313–314
Gulf Oil, 339n2
Gupta, Poonam, 89, 287
Guylian (chocolate manufacturer), 263
Hahn, Chin Hee, 25, 188, 196, 197, 200
Hanbo Steel, 81
Harada, Kimie, 267
Harvard Institute for International Development, 324n14
Hausmann, Ricardo, 177
Health care sector: productivity growth in, 122; regulatory framework for, 122; wage and skill levels in, 106
Health insurance, 122
Heavy and Chemical Industry Drive: and capital intensity, 15, 273; and deindustrialization, 91; and export performance, 135, 155; and FDI, 236; and industrial policy, 78, 81, 84
Heavy industry: domestic ownership of, 236; employment in, 106; exports, 157; and industrial policy, 66, 79; and structure of growth, 47
Hennessy, D. A., 161
Herfindahl-Hirschman Index (HHI), 154–155, 156, 161
High-income countries: education and labor productivity in, 22; growth accounting in, 12; growth accounting results for, 32; growth rate deceleration in, 43; manufacturing sector structure in, 67–68; self-employment in, 334n14; service sector in, 56, 105–108
High-technology sector: exports, 135, 137–138, 170–180; FDI in, 246; and structure of growth, 47; structure of growth in, 64–71, 93
Hold-up problems, 141
Hong, Kiseok, 283
Hong Kong: GDP growth rate in, 318; growth rate deceleration in, 33, 35; imports from Korea, 160; service sector exports from, 219, 333n4; service sector share of GDP in, 105
Hoover, Kevin, 41
HSBC Holdings, 242
Hsu, Chen-kuo, 80
Hsueh, Li-min, 80
Huizinga, Harry, 342n3
Human capital: and education, 20; and growth accounting results, 21–22; and labor force, 20; measuring, 9
Hungary: labor productivity growth in, 334n7; service sector productivity growth in, 107
Hwang, Jason, 177
Hyundai Motor Company, 79

ICT. See Information and communications technology
IMF. See International Monetary Fund

Immigration, 312
Income elasticity of imports, 212
India, regulatory environment in, 326n29
Indonesia: FDI in, 246; imports from Korea, 157
Industrial policy, 66, 71–86
Inflation, 80
Informal employment: in service sector, 114, 118; wage compensation assumptions, 9
Information and communications technology (ICT): exports, 115, 130; investment in, 68, 69–70; and labor productivity growth, 107; and service sector productivity, 3–4, 123; structure of growth in, 48. See also High-technology sector
Infrastructure, 78, 83, 308
Innovation, 109, 114, 224
Input/output (IO) tables, 215
Insurance. See Finance, insurance, real estate (FIRE)
Intensive margin, 221
International Convention on the Harmonized Commodity and Coding System, 336n22
International Monetary Fund (IMF), 82, 145, 215, 238, 270, 273–275
Intra-Asian trade, 160, 161
Investment rate: after 1997–1998 crisis, 1–2, 22; and deindustrialization, 91–92; and exports, 202; and financial crises, 271, 283–297, 298; and growth accounting results, 12, 14; and total factor productivity, 314–315
Inward FDI, 5, 234, 243–263, 312, 340n12
IO (input/output) tables, 215
Ireland: GDP growth rate in, 318; growth rate in, 343n12; labor force reforms in, 313
Italy: deindustrialization of labor force in, 89, 103; service sector FDI in, 269
Japan: cross-country econometric studies in, 41; deindustrialization of labor force in, 89, 102; diplomatic relations with, 235, 272; exports, 37, 161, 307; FDI from, 236; GDP growth in, 1; growth rate in, 32, 33, 35, 37, 44; imports from Korea, 160; manufacturing exports from, 161; parts and components exports from, 186; service sector growth in, 56, 105
Joint ventures, 236
Judicial system, 82
Kang, In-Soo, 266, 267
KDI (Korea Development Institute), 324n14
KEB (Korea Exchange Bank), 242
Kim, David Deok-Ki, 266
Kim, Ji-hong, 79
Kim, Jong-il, 25, 311n43
Kim, June-Dong, 266, 267
Kim, Kwang Suk, 78
Kim, Sunbin, 323n5
Kim, Yongbeom, 140
Kim Dae Jung, 82, 238
Kim Young Sam, 311n29
Komi Semiconductor, 339n2
Korea Development Bank, 339n2
Korea Development Institute (KDI), 324n14
Korea Exchange Bank (KEB), 242
Korea Fair Trade Commission, 120, 123
Korea University, 311
K-Pop (Korean pop music and culture), 115
Krueger, Anne O., 139
Kumar, Subodh, 16
Labor force: aggregate growth role of, 18–22; and catch-basin hypothesis, 114; costs, 273, 274; deindustrialization of, 86; and demographic transition, 19–20; dual labor market, 48; hours worked per week, 20; and immigration, 312; and inward FDI, 251; migration from agriculture, 18–19; reform priorities for, 309–310; women in, 19
Laeven, Luc, 342n3
Lapan, H., 161
Latin America: export performance of, 142–170, 337n30; FDI in, 243; growth accounting results for, 25; manufacturing technology shift in, 172. See also specific countries
Law schools, 122, 123
Leather manufacturing, 181, 183
Lee, Jong-Wha, 78, 267, 288, 324n7, 325n20, 331n39
Lee, Siwook, 267
Lee Myung-Bak, 1, 83
Legal services sector: FDI in, 238; and law school enrollment caps, 120, 122, 123; productivity growth in, 122; regulatory framework for, 122; wage and skill levels in, 107
Lehman Brothers, 275
Leverage ratios, 276, 297
Levine, Ross, 41, 266, 342n3
Liberalization of markets. See Market-liberalization reforms
Index

License fees, 115, 131, 251
Lifetime-labor-income method, 9–10
Light industry: and industrial policy, 84; and structure of growth, 47
Lin, Ching-Yi, 157
Liquidity risk, 271
Loans, subsidization of, 78, 141, 237
Lone Star (U.S. private equity fund), 242
Lotte Confectionary Company, 263
Low-technology sector, 171–180
Macao, GDP growth rate in, 318
Machinery and equipment, 187. See also Electrical machinery; Parts and components (P&C)
Malaysia: export competition from, 161; parts and components exports from, 187; tariff barriers in, 148
Manufacturing: and catch-basin hypothesis, 114; and within effect, 58; employment growth in, 48, 56; exports, 62, 141, 161; FDI in, 234, 238; motor vehicle, 84, 85, 142, 156, 161; share of employment, 35, 86, 93; and structure of growth, 47, 48–62, 94, 98; structure of sector, 67–68
Marketing services, 122
Market-liberalization reforms: and exports, 145; and FDI, 238; and financial crises, 271; and growth accounting results, 31; and structure of growth, 81, 82
Masan free trade zone, 236
Medium-technology sector, 137–138, 171–180, 246
Middle East, growth accounting results for, 25. See also specific countries
Middle-income countries: debt financing in, 281; defined, 332–333n2; FDI in, 248; self-employment in, 334n14; service sector productivity growth in, 105, 107
Mishra, Deepak, 287
Modern services, 106–107
Monopoly on domestic market, 78
Motorola Korea, 339n2
Motor vehicle manufacturing, 84, 85, 142, 156, 161
Mulder, Nanno, 142
National health insurance system, 122
Net exports, 144
New Zealand, growth rate changes in, 37
Nguyen, Ngia, 342n3
Nominal exchange rate, 146
Nonregular employment, 47. See also Informal employment
Nontariff barriers, 78, 81, 149
Norway, service sector FDI in, 269
OECD countries: deindustrialization of labor force in, 86–88; FDI in, 247, 267, 269; foreign direct investment associated with productivity growth in, 114; foreign direct investment in service sector in, 118; Korea’s candidacy to join, 81, 120, 237; legal services in, 122; nonregular employment in, 47; service sector exports from, 139, 219; service sector productivity in, 108–109; service sector R&D in, 110. See also specific countries
Office of Investment Promotion, 236
Onodera, Osamu, 142
Outward FDI, 5, 234, 263–266
Park, Yung Chul, 146
Park Chung Hee, 14, 32, 76, 77, 81, 84, 135, 268, 270
Parts and components (P&C), 184–188, 217
Patent registrations, 311
Penn World Table, 17
Per capita income gap, 142
Perez, Stephen J., 41
Perkins, Dwight H., 79, 80
Personal services, 48, 133
Philippines: FDI in, 340n12; parts and components exports from, 187
Physical capital stock, 10
PISA (Programme for International Student Assessment), 325n21
“Plan for Strengthening Competitiveness of the Service Industry” (2006), 120
Pohang Iron and Steel Company (POSCO), 79, 263
PPP (purchasing power parity), 142–143, 146
Prasad, Eswar, 145
Premature deindustrialization, 56
Price competitiveness, 147
Private education, 310
Production costs, 234
Productivity: improvements in, 114–117; in service sector, 105, 108–122. See also Labor productivity; Total factor productivity (TFP)
Programme for International Student Assessment (PISA), 325n21
Purchasing power parity (PPP), 142–143, 146
Pyo, Hak K., 10
Rahman, Saif, 266
Rajan, Raghuram, 145
Ranciere, Romain, 293, 342n19
R&D. See Research and development
Rate of investment: after 1997–1998 crisis, 1–2, 22; and deindustrialization, 91–92; and exports, 202; and financial crises, 271, 283–297, 298; and growth accounting results, 12, 14; and total factor productivity, 314–315
Real estate. See Finance, insurance, real estate (FIRE)
Real exchange rate (RER), 145–146
Recreational services, 115, 133
Regional supply chains, 183, 187, 251, 313
Regulatory framework: for bankruptcy restructurings, 82; in health care sector, 122; in labor market, 308; service sector barriers in, 117–121. See also Deregulation
Renelt, David, 41
RER (real exchange rate), 145–146
Research and development (R&D): and education, 308, 310–311; and manufacturing technology shift, 173; regulatory framework for, 122; in service sector, 110; spending on, 25, 31, 308
Retail trade: foreign direct investment in, 114; labor productivity growth in, 107; and structure of growth, 48, 93, 96, 99
Retirement age, 118
Return to capital, 12
Rhee, Yeongseop, 205
Rodrik, Dani, 84, 145, 177, 278, 279, 281, 287
Roh Tae Woo, 331n29
Romer, David, 139
Royalties, 115, 131
Russell, R. Robert, 16
Sachs, Jeffrey, 334n12
Sahay, Ratna, 287
Sala-i-Martin, Xavier, 41, 328n52
Saudi Arabia, GDP growth rate in, 318
Savings rate, 14, 306, 315. See also Rate of investment
Schatz, Howard, 334n12
Schott, Peter K., 174
“Second Plan for Strengthening Competitiveness of the Service Industry” (2007), 120
Sectoral disaggregation, 48–62. See also specific sectors
Sectoral targeting, 80
Self-employment: in high- and middle-income countries, 334n14; in service sector, 114, 118; and structure of growth, 93; wage compensation assumptions, 9
Semiconductors, 142, 156, 161
Seo, Jong-Soo, 266
Seoul National University, 122, 311
Service sector, 105–134; and deindustrialization of labor force, 92; education sector productivity growth, 121–122; exports, 4–5, 138–139, 218–221, 224; FDI in, 238, 269; health care sector productivity growth, 122; in high-income countries, 105–108; inward FDI in, 234; legal services sector productivity growth, 122; productivity in, 108–117; R&D in, 110; reform priorities for, 309–310; regulatory barriers in, 117–121; structure of growth in, 48–62; trade in, 115, 117–121, 124–134
Shift-share analysis, 56–62
Shin-Jin Corporation, 339n2
Shipbuilding industry: exports by, 135, 142, 156, 209, 212; growth of, 308; and industrial policy, 84–85; outward FDI in, 313
Shipping services, 115
Singapore: export competition from, 161; free-trade agreement with, 83; GDP growth rate in, 318; growth rate deceleration in, 33, 35; imports from Korea, 157, 160; manufacturing technology shift in, 173; parts and components exports from, 187; service sector exports from, 219; static-shift effect in, 62
Small and medium-size enterprises (SMEs), 118, 120
Smith, Adam, 10
Smith, Stephen, 140
Social and personal services, 48
Solow, Robert, 10
Song, Cheol J., 324n7
South Asia: capital stock growth in, 30; growth accounting results for, 25. See also specific countries
Southeast Asian countries, growth accounting results for, 25. See also specific countries
Spain, manufacturing sector structure in, 67–68
Standard International Trade Classifications, 184, 336n22
StarKist, 263
Static-shift effect, 57–58, 60, 62, 329n9
Steel industry, 84
Stern, Joseph J., 79
Stimulus packages, 83
Structure of growth, 47–104; and deindustrialization, 86–92, 100–104; and high tech sector, 64–71; industrial policy’s role in, 71–86; sectoral disaggregation,
Index

48–62, 94–100; sectoral TFP
growth differences, 62–64
Subramanian, Arvind, 145
Sub-Saharan Africa, growth accounting results for, 25
Subsidized bank loans, 78, 141, 237
Supply chains, 183, 187, 251, 313
Syngman Rhee, 330n20
Taiwan: deindustrialization of labor force in, 3, 86, 88, 89, 92, 104;
extports, 37, 179–180, 336–337n23;
GDP growth in, 32, 37; industrial policy in, 80;
parts and components exports from, 187; self-employment in,
334n14; technology shift in manufacturing, 172, 173
Tariffs, 78, 81, 147–148, 336n16
Tax incentives, 78, 120, 141, 173, 236
Technology exports, 170–180. See also
High technology sector; Medium-technology sector
Technology ladder, 65
Technology transfer, 237, 247
Telecommunications industry:
extports, 187; FDI in, 248; labor productivity growth in, 107; R&D
in, 110; and structure of growth, 48–62
Temporary employment, 47
Textile manufacturing, 181, 183, 236
TFP. See Total factor productivity
Thailand: export competition from,
161; imports from Korea, 157
Times Higher Education–QS.com
World University Ranking, 325n21
TIMSS (Trends in International
Math and Science Study), 325n21
Tobin’s q, 22
Tong, Hui, 205, 259
Tornell, Aaron, 283, 293, 342n19
Total factor productivity (TFP): after
1997–1998 crisis, 25; and capital
intensity, 62–64; and capital stock, 14; and education, 62–64;
and export intensity, 62–64;
growth accounting results, 10, 15;
and growth rate changes, 40; and
industrial policy, 72; international comparisons, 25, 30–31; and rate of
investment, 14, 314; and structure
of growth, 48, 56
Tourism, 120, 237
Trade: entry barriers, 117–118, 123;
gravity model analysis for, 151;
income impact of, 139; intra-
Asian, 160, 161; liberalization of,
145; restrictions on, 81, 115; in
services, 115, 117–121, 124–134
Traditional services, 106
Transparency, 251
Transparency International, 340n16
Transport industry: exports, 115, 124,
221; FDI in, 248; and structure of
growth, 48–62
Travel services, 115, 120, 125, 221
Trends in International Math and
Science Study (TIMSS), 325n21
United Arab Emirates, GDP growth rate in, 318
United Kingdom: deindustrialization
of labor force in, 86, 88, 92, 101;
export competition from, 161;
growth rate changes in, 37–38;
manufacturing sector structure in,
67–68, 86
United Nations Comtrade database,
184, 215
United States: deindustrialization of
labor force in, 86, 100; export
United States (continued)
competition from, 161; FDI from, 236, 238; and financial crises, 274, 275, 276; financial deregulation in, 121; foreign aid from, 76; free-trade agreement with, 83; growth rate deceleration in, 33, 35; high technology sector in, 68; imports from Korea, 157, 160; Korean FDI in, 142, 234; manufacturing exports from, 161; manufacturing technology shift in, 174; service sector growth in, 56, 107, 123; service sector R&D in, 110
Upadhyaya, Kamal, 266
Uruguay Round of trade negotiations, 120
Velasco, Andrés, 278, 279, 281, 287
Vietnam: FDI in, 263
Viovodas, Constantin, 140
Wage compensation, 9, 106–107, 311
Wal-Mart, 115
Walsh, Keith, 219, 221
Wei, Shangjin, 251, 340n15
Westermann, Frank, 293, 342n19
Westphal, Larry, 78
Wholesale trade: foreign direct investment in, 114; labor productivity growth in, 107; and structure of growth, 48, 93, 96, 99
Williams, Jonathan, 342n3
Within effect, 57–58
Wood, Adrian, 334n12
Worker requirement coefficients, 215
World Bank, 248, 279, 330n21, 333n2
World Development Indicators (World Bank), 333n2
World Trade Organization (WTO), 148
Yearbook of Labor Statistics, 9
Yonsei University, 311
Yoo, Jung-ho, 79
Young, Alwyn, 323n2
Zhang, K. H., 266, 267