

Index

- Air Transport Association (ATA) 198
All Nippon Airways 198
Almanac of China's Foreign Economic Relations and Trade 87, 89, 92
ATA 198
- Baily, M. 23
Bank of Korea 117, 135, 138
Bartelsman, E. 25
BEA 41, 116
Beaulieu, J. 25
Berndt, E. 42
Bishop, Y. 97
Blades, D. 37
BLS 50, 206
Boen, H. 88
Bosworth, B. 1, 25, 216
Bureau of Economic Analysis (BEA) 41, 116
Bureau of Labor Statistics (BLS) 50, 206
Bureau of Mines of the Republic of China 192
- China
austerity program 82
capital input
 industry analysis 105, 107
 measurement of 100–103
economic opening 83–93
 correlation with growth 93–4
economic reform 77–83
 agriculture sector reforms 80–81
 banks 81
 dual track approach 78, 81, 82
 fiscal contracting system 80
 industrial sector 81–2
 socialist market economy
 approach 82, 83
 state-owned enterprises 80, 81, 83
economy 2, 3, 76
exchange rate 84
exports
 industry analysis 84, 85, 88, 89
 level of 84, 87, 93
 manufactured exports 87, 93
 markets 85, 90–92
foreign direct investment 85, 87
 industry analysis 93
GDP
 sectoral distribution 78, 79, 80
imports
 level of 87, 93
 manufactured imports 93
intermediate inputs
 industry analysis 106, 107
 methods and data 94, 95, 96
labor input
 distribution of employment 78
 industry analysis 105–6, 107
 measurement of 96–100
output
 industry analysis 103, 104
 methods and data 94, 95, 96
 sources of growth 106, 108, 109
regulation of private sector 77
secondary sector
 growth of 77, 78
subsistence agricultural economy 77
tariffs, taxes and barriers 84, 85, 86
TFP growth 103, 104
 industry analysis 103, 104
see also international comparisons
 of TFP growth
China Agricultural Statistical Yearbook 102
China Statistical Yearbook 93, 100, 101, 102
China Statistical Yearbook on Investment in Fixed Assets 100
Chow, G. 83
Christensen, L. 146, 152
Collins, S. 1, 216

- Council for Planning and Development Republic of China 206
- Council of Agriculture 191
Custom Statistics Year Book of China 89
- Department of Statistics, Ministry of Economic Affairs 200
- Directorate General of Budget, Accounting and Statistics Executive Yuan (DGBAS) 191, 194, 198, 200, 202, 204, 206
- Economist* 146
- Federal Reserve Board 42
- Feenstra, R. 88
- Fernald, J. 23
- Feuerwerker, A. 100
- Forsgerau, M. 113
- Fraumeni, B. 41, 94, 96, 106, 109, 113
- Fukao, K. 7
- Fullerton, D. 120
- Fuss, M. 42
- GGDC 203, 204, 206
- Gollop, F. 94, 96, 106, 109, 113, 146
- Gronigen Growth and Development Centre (GGDC) 203, 204, 206
- Gu, W. 94
- Gullickson, W. 25, 55
- Ha, B. 131
- Hall, R. 102, 119
- Harper, M. 55
- Hayashi, F. 7
- Herman, S. 41, 43
- Ho, M. 19, 26, 32, 37, 46, 50, 53, 61, 68, 69, 71, 94, 109, 174, 218
- Hong, S. 113
- Hong Kong
TFP growth 146
- Hyun, J. 120
- ICPA project *see* Research Institute of Economy, Trade and Industry
- Inklaar, R. 194
- Institute of Transportation of the Republic of China 198, 200
- international comparison of economic growth 2, 3
- international comparisons of output and productivity in Japan, South Korea, Taiwan and US methodologies 186, 206, 208, 209–10
adjusted expenditure PPPs 186–7
unit value ratios 187–9
- PPPs and relative prices of industry output 190–91
agriculture 191–2
communication 199–200
construction 192, 193–4
finance, insurance and real estate 203–4, 205
manufacturing 194–5, 196–7
mining 192, 193
other private services 204, 206, 207
public services 206, 208
transport 195, 198–9
utilities 200–201
wholesale and retail trade 201–3
- international comparisons of TFP growth (Japan in comparison with China, Korea, Taiwan and US) data and methodology 216–18, 230, 235
capital 218, 224, 225–6, 227, 236
intermediate inputs 221, 223, 224
labor 218, 221, 222, 223, 225, 236
output prices 218–21, 222
further research 234–5
relative TFP levels 227, 228, 229, 230, 231, 232, 233
manufacturing sector 229, 230, 231, 233, 234
non-manufacturing sector 231, 232
- Jaeger, D. 47
- Japan
capital input
industry analysis 15, 16
measurement of 13–14
economic growth 2, 215
gross output growth rate
industry analysis 15, 16

- industrial competitiveness 215, 233, 234
- intermediate inputs
 - industry analysis 15, 16
 - measurement of 10–11
- labor input 15, 16
 - measurement of 11–13
- TFP growth
 - comparison with Taiwan and US 19, 20, 21, 173–4, 175, 176, 177
 - industry analysis 15, 16, 17, 18, 19
 - measurement of 8–10
 - see also* international comparisons of output and productivity in Japan, South Korea, Taiwan and US; international comparisons of TFP growth
- Japan Air System 198
- Japan Airlines 198
- Jorgenson, D. 2, 3, 4, 7, 18, 19, 21, 23, 24, 25, 26, 29, 32, 37, 42, 43, 46, 50, 53, 61, 68, 69, 71, 94, 96, 102, 106, 109, 113, 119, 120, 146, 147, 152, 172, 174, 186, 187, 216, 218, 219, 234
- Keio University 3, 4, 216
- Kim, J.-I. 1, 5, 114, 128, 137, 146, 147, 175, 176, 177
- Kim, K. 113, 120
- King, M. 120
- Korea
 - capital
 - contribution to output growth 125, 126, 127, 135
 - growth 125, 126, 127, 135
 - manufacturing sector 129
 - measurement of 115–21, 122, 124, 125
 - service sector 128, 130
 - TFP growth 128, 131, 132
 - capital–labor ratio 133, 136, 137
 - capital–output coefficient 131, 133, 136, 137
 - economic growth 2
 - gross output
 - data and methods 114, 115, 122, 124, 138–42
 - growth 114, 124, 125, 126, 127, 135
 - manufacturing sector 128, 129
 - service sector 130
 - sources of growth 114, 125, 126, 127, 137
 - information technology
 - investment in 131, 135
 - intermediate inputs
 - contribution to output growth 126, 127, 135
 - growth 125, 126, 127, 135
 - manufacturing sector 129
 - measurement of 122, 124, 125
 - service sector 130
 - labor input
 - contribution to output growth 126, 127, 135
 - growth 125, 126, 127, 135
 - manufacturing sector 128, 129
 - measurement of 121, 122, 123, 124, 125
 - service sector 130
 - TFP growth 128, 131, 132
 - labor productivity 131, 135, 136
 - manufacturing sector
 - sources of growth 128, 129
 - TFP growth 131
 - service sector
 - sources of growth 128, 130
 - TFP growth 131
- TFP
 - contribution to output growth 125, 126, 127, 137
 - growth 125, 126, 127, 128, 135, 146
 - industry analysis 133, 134
 - manufacturing sector 131
 - service sector 131
 - sources of growth 128, 131, 132
 - see also* international comparisons of output and productivity in Japan, South Korea, Taiwan and US; international comparisons of TFP growth
- Korea Energy Economics Institute 200
- Korea National Statistical Office (NSO) 192, 194, 198, 200, 202
- Krugman, P. 5, 114, 128, 137, 146, 147, 175, 176, 177

- Kumbhakar, S. 148
 Kung-chia Yeh 100
 Kuroda, M. 2, 3, 4, 118, 121, 186, 216, 218, 219, 230
 Kwon, J. 113
- Landau, R. 120
 Lane, R. 43
 Lau, L. 1, 5, 114, 128, 137, 146, 147, 175, 176, 177
 Liang, C.-Y. 146, 147, 176, 177, 211, 218
 Lin, J. 193, 204
 Lipsey, R. 88
 Lovell, C. 148
 Lum, S. 42
- Maddison, A. 100, 186
 Matsuura, T. 211
 Mei, J. 146, 176, 177
 Ministry of Interior of the Republic of China 192
 Motohashi, K. 1, 7, 21, 211, 215, 234
 Moyer, B. 42
- newly industrializing economies (NIEs)
 TFP growth 146, 147, 175, 176, 177
 Nishimura, K. 7
 Nomura, K. 3, 4, 7, 21, 172, 174, 216, 219
- OECD 94, 96, 192, 199, 202, 203, 219
 Oliner, S. 23, 41, 43
 Organisation for Economic Co-operation and Development (OECD) 94, 96, 192, 199, 202, 203, 219
- Park, J. 113
 Prescott, E. 7
 Pyo, H. 115, 117, 118, 120, 122, 131, 218
- Qian, Y. 78, 83
- Ramnath, S. 23
 Rao, D. 202
- Ren, R. 94, 103, 218, 219, 226
 Research and Statistics Department Economic and Industrial Policy Bureau 194, 201–2
 Research and Statistics Department Minister's Secretariat 192
 Research Institute of Economy, Trade and Industry (RIETI)
 International Comparison of Productivity among Asian Countries (ICPA) project 1, 2, 3
 capital input 3
 energy input 4
 future research 21
 labour input 3–4
 material input 4
 output 4
 period of coverage 2
 productivity 4
 Rhee, K.-H. 113
 RIETI *see* Research Institute of Economy, Trade and Industry
- Sachs, J. 78, 93, 94
 Schreyer, P. 37, 71
 Shimpo, K. 7
 Shirai, M. 7
 Sichel, D. 23
 Sorenson, A. 113
 Spence, A. 49
 Statistics Bureau Japan 198, 199, 200, 202, 203, 204, 206
 Stiroh, K. 26, 32, 37, 43, 46, 50, 53, 61, 68, 69, 71, 94, 174, 218
 Stuijvenwold, E. 194, 202
 Sun, L. 103, 218, 226
 Szirmai, A. 94
- Taiwan
 agriculture sector
 output growth 164, 165
 capital input
 data compilation 151–4, 177–8
 industry analysis 156, 157, 158
 data compilation 151–6
 economic growth 2
 electricity, gas, and water utilities
 liberalization of 171
 output growth 169, 171

- energy input
 - data compilation 155
 - industry analysis 160, 161
- intermediate input
 - data compilation 155–6, 179
 - industry analysis 160, 162
- labor input
 - data compilation 154–5
 - industry analysis 159–60
- manufacturing sector
 - output growth 164, 165, 166, 167, 168, 170–71
- methodology 147–51
- output growth
 - causes of deceleration 163–4, 176
 - industry analysis 156, 157, 176
 - sources of growth 164–72, 176
- service sector
 - output growth 169, 172
- TFP growth 146
 - comparison with Japan and US 173–4, 175, 176, 177
 - industry analysis 160, 161, 162–3, 176
- transportation and communication
 - output growth 169, 172
- see also* international comparisons of output and productivity in Japan, South Korea, Taiwan and US; international comparisons of TFP growth
- Takahashi 211
- Timmer, M. 113, 119, 186, 189, 194, 201, 202, 206, 208
- Triplett, J. 25
- Unicon Research Corporation 48
- United Nations 46
- United States
 - capital
 - contribution to growth 25, 26, 53, 54, 55, 57, 58, 64, 69, 71
 - industry analysis 43, 44, 45
 - measurement of 37–43
 - economic growth 2, 23
 - information technology
 - effect of 23, 24, 45, 53, 71, 72
 - intermediate inputs
 - contribution to growth 24, 53, 54, 55, 56, 57, 66, 67, 69
 - industry analysis 33, 34, 35, 36, 37
 - measurement of 27, 30
 - labor input
 - college-educated workers 24, 25, 26, 53, 71
 - contribution to growth 25, 26, 53, 54, 55, 58, 59, 65, 69, 71
 - industry analysis 50, 51
 - measurement of 45–50
 - numbers of workers 30, 31–2
 - labor productivity growth
 - industry analysis 61–3, 70–71
 - sources of growth 61–3
 - output
 - industry analysis 30, 31, 32, 33, 34, 35, 36, 37
 - measurement of 26–30
 - sources of growth 53–9, 63–9
 - output prices relative to GDP
 - deflator 59, 60, 61
 - restructuring of economy 71–2
- TFP
 - comparison with Taiwan and Japan 19, 20, 21, 173–4, 175, 176, 177
 - contribution to growth 25, 53, 54, 55, 56, 63, 64, 65, 66, 67, 68, 69, 71
 - industry analysis 59, 60, 61
 - see also* international comparisons of output and productivity in Japan, South Korea, Taiwan and US; international comparisons of TFP growth
- US Census Bureau 192, 193, 194, 199, 200, 203
- US Department of Transportation 199
- US Maritime Administration 198
- van Ark, B. 113, 186, 191, 199, 202, 206, 208
- Warner, A. 93, 94
- Whelan, K. 43
- Wing Thye Woo 78, 94
- Won, Y. 120
- World Bank 1
- Xu Xian chun 96

- Yotopoulos, P. 193, 204
Young, A. 1, 5, 98, 114, 128, 137, 146,
147, 154, 175, 176, 177, 216
Ypma, G. 189, 201, 202, 208, 211
Yu, X. 86
- Yue, X. 98, 100
Yuhn, K. 113
Yun, K. 119, 120
Zheng, H. 219