

# List of figures

Figure 1.1 Fixed-asset investment in three types of industries as a share of total investment in China (1996–2020)	3
Figure 1.2 R&D intensity and R&D personnel intensity in various economies	6
Figure 1.3 Major countries in patent applications in 2018	7
Figure 1.4 China’s population by age group as share of total population, 1990–2020 (per cent)	8
Figure 2.1 Stage of development versus economic growth	23
Figure 2.2 Income distribution and stages of development	25
Figure 2.3 Trends in labour migration	28
Figure 2.4 Educational attainment and occupational upgrading by age	30
Figure 3.1 China’s agricultural trade, 1978–2018 (millions of US\$)	40
Figure 3.2 China’s share of global agricultural exports and imports, 1978–2018 (per cent)	41
Figure 3.3 Production support and trade protection in China, OECD countries and non-OECD countries, 1995–2015	42
Figure 3.4 Changes in the structure of China’s agricultural trade, 1978–2018	43
Figure 3.5 Value of China’s imports and exports of major agricultural products, 1978–2018	45
Figure 3.6 Regional distribution of China’s agricultural exports and imports, 2018	46
Figure 3.7 China’s imports of soybeans and beef, by region (thousand metric tonnes)	47
Figure 3.8 The RCA index of major agricultural products in China, 1978–2018	53
Figure 3.9 RTA indices of China’s major agricultural products, 1978–2018	55

Figure 3.10 RCA and RTA indices of cereal crops for China and other major producers, 1998–2018	58
Figure 3.11 RCA and RTA indices of economic crops for China and other major producers, 1998–2018	61
Figure 3.12 RCA and RTA indices of livestock products for China and other major producers, 1998–2018	65
Figure 3.13 OBC coefficients for agricultural commodities between China and the world's major producers, 2012–18	71
Figure 4.1 Changes in China's urbanisation rate, 1949–1978	76
Figure 4.2 Changes in China's urbanisation rate, 1978–2000	77
Figure 4.3 Changes in China's urbanisation rate, 2001–2011	78
Figure 4.4 Changes in China's industrial structure, 2001–2011	79
Figure 4.5 Changes in China's urbanisation rate, 2012–2019	80
Figure 4.6 Changes in China's industrial structure, 2012–2019	80
Figure 4.7 Urban population and urbanisation rate in China, 1949–2018	81
Figure 4.8 Urban and built-up areas in China, 2004–2019	82
Figure 4.9 Number of China's prefecture-level cities, 2000–2019	82
Figure 4.10 Changes in China's urban per capita housing area, 1978–2019	83
Figure 4.11 The number of Chinese urban residents participating in pension insurance and basic medical insurance, 1989–2019	84
Figure 4.12(a) The spatial expansion of Shanghai City, 1991	88
Figure 4.12(b) The spatial expansion of Shanghai City, 2000	88
Figure 4.12(c) The spatial expansion of Shanghai City, 2015	88
Figure 4.13 China's income inequality index and the proportion of inequality of opportunity	90
Figure 5.1 Tax enforcement and the Laffer curve	108
Figure 5.2 Changes in fiscal pressure and average effective VAT rate (comparison before and after reform)	116
Figure 5.3 Changes in fiscal pressure and variance of the effective VAT rate (comparison before and after reform)	117
Figure 5.4 Changes in fiscal pressure and aggregate TFP (comparison before and after reform)	118

Figure 5.5 Dynamic effect of fiscal pressure and variance of the effective VAT rate	123
Figure 5.6 Dynamic effect of fiscal pressure and aggregate LOG(TFP) (covariance of OP)	124
Figure 6.1 R&D expenditure and number of full-time-equivalent R&D researchers	139
Figure 6.2 Patent applications	139
Figure 6.3 Share of enterprises (above designated size) conducting product, process, organisational and marketing innovation, by industry, 2018 (per cent)	140
Figure 6.4 Distributions of the number of new-product projects, 2011–2018	141
Figure 7.1 Industrial sector financial indicators	159
Figure 7.2 Industrial sector profitability	159
Figure 7.3 Listed company profitability (return on equity)	160
Figure 7.4 Exports	162
Figure 7.5 Industrial employment	162
Figure 7.6 Listed company leverage (debt to equity)	164
Figure 7.7 Listed real estate company leverage	164
Figure 7.8 Loan growth and demand	165
Figure 7.9 Listed company implied interest rates	166
Figure 7.10 Industrial sector accounts receivable average payback	166
Figure 7.11 Listed company direct government subsidies	168
Figure 8.1 Proportions of processing trade and ordinary trade in total exports	177
Figure 8.2 Productivity growth trend of different types of exporters: Processing trade versus ordinary trade (per cent)	180
Figure 9.1 The dynamic path of the relationship between the bilateral exchange rate changes of the offshore renminbi relative to major currencies and global risk factors	218
Figure 9.2 The dynamic path of the relationship between the bilateral exchange rate changes of the offshore renminbi relative to the currencies of the BRI countries and global risk factors	219

This text is taken from *China's Challenges in Moving towards a High-income Economy*, edited by Ligang Song and Yixiao Zhou, published 2021 by ANU Press, The Australian National University, Canberra, Australia.