Subject index

absolute income hypothesis 49
acid rain 305, 312–13
agency problems 107, 114–15
agricultural sector
  food embargoes 241–55
    consequences 247–51
    likelihood 242–4
    modelling 244–7
    political economy 251–3
  off-farm migration and economic
growth 207–25
    contribution of off-farm migration
to economic growth 213–16
    determinants of off-farm migration
    216–19
    levels of migration 208–13
    modelling 219–21
    predictions of long-term growth
    and structural changes 221–4
    supply response of the marketed
    surplus of grains 228–38
    conceptual considerations and
    model 229–32
    data 232–4
    estimation results and discussion
    234–7
air pollution 305–22
  cost-benefit analysis of abatement
  scenarios 316–21
  global warming impact 305, 313–14
  local health damage 309–12
  modelling assumptions 307–9
  policy implications 321–2
  policy scenarios 314–16
  regional acid deposition 305, 312–13
air transport 31
America Online 200
anthropometric methods 284–6
Asia Pacific Economic Cooperation
(APEC) 241
asset adjustment model 49
Association of Chinese Economic
Studies (Australia) 1
AT&T 201
balance of trade 19
bankruptcy 139
banks 35
  electronic commerce and 197, 202
  loans 16, 17, 21, 39
  alteration of loan period 125–6
  crunching 138
  overdependence on 130–33
  soft constraints on repayment 135–8
  state-owned firms’ debt problems
  and 125–40
  reforms of financial system 24–5
Beijing Telecom 194
Big Leap Forward 101, 209
body mass trends 298–300
budget
  fiscal policy 15–16, 22, 56
  state-owned firms and 26
  see also taxation
building materials industry 79, 82
Canada
  enterprise savings in 54
  food embargoes and 252
capital
  debt problems of state-owned firms
  and 131–2, 133–4, 137
  scarcity 33, 35, 131–2
  wasted 34
  see also investment
catch-up theory 86, 102
charges for public services 25, 39
chemicals industry 80, 82, 99
China Construction Bank (CCB) 25
China Economic Times 20
China Foreign Exchange Trading Centre
167
Subject index

China International Electronic Trade Network (CIETN) 192
China Internet Corporation 201, 202
China Securities Regulatory Commission (CSRC) 108
China Telecom 195, 198, 200
China Unicom 198, 199
China Wide Web 196
China.com 200, 202
climate change 305, 315–16
coil 317, 321
communism 29, 242
Compaq 200
competition
against state-owned firms 81
telecoms market 198–9
computable general equilibrium (CGE) model
food embargoes 244–7
income distribution in 46–8
off-farm migration 219–21
predictions of long-term growth and structural changes 221–4
savings in 43–58
enterprise 46, 54–6
foreign resources 58
government 46, 56–7
household 45–6, 48–54
computers 197, 201
foreign sourcing 197–8
viruses 197
consumer demand 22–3
cost-benefit analysis of air pollution abatement scenarios 316–21
Cultural Revolution 254
deflation 14, 19–20
demand
consumer 22–3
domestic 23–4
food 243
investment 22–3
diet 244
see also nutritional status
economic growth 15–16, 19
disparities 267–74, 283–4
export similarity and pattern of East Asian development 145–63
convergence and explanations 149–56
data and measurement 146–8
in US and world markets 156–61
off-farm migration and economic growth 207–25
contribution of off-farm migration to economic growth 213–16
determinants of off-farm migration 216–19
levels of migration 208–13
modelling 219–21
predictions of long-term growth and structural changes 221–4
political economy of decline in economic growth 28–40
regional variations 261–77, 283
convergence 274–6
disparities 267–74
international perspective 273–4
review of previous studies 261–6
savings and 43, 45, 48–50
economic reforms see market economy, transition to
efficiency
energy efficiency 308, 317, 321
low operating efficiency of state-owned firms 133–5
technical see technical efficiency
electrical equipment industry 99
electronic commerce 188–203
economic issues 198–201
framework for analysis 189–90
government intervention 188, 194–6, 203
imbalance of development of e-commerce components 191–4
social issues 201–2
technical issues 196–8
electronic data interchange (EDI) 188, 192
electronics industry 102
embargoes see food embargoes
employment
agricultural 207, 209, 222
industrial 212, 222
lay-off 36
macroeconomic policies and 18, 26
private sector 36–7, 38
energy efficiency 308, 317, 321
environment
air pollution 305–24
cost-benefit analysis of abatement scenarios 316–21
global warming impact 305, 313–14
local health damage 309–12
modelling assumptions 307–9
policy implications 321–2
policy scenarios 314–16
regional acid deposition 305, 312–13
error correction model 170–71
European Union 252
exchange rates 17, 87, 165–84
China’s exchange rate mechanism after 1980 166–72
determinants of policy 168–9
empirical evidence 169–71
exchange rate regimes 166–7
data sources 183–4
real effective exchange rate index 172–6
real effects of 176–81
data and estimation 178
empirical results 179–81
models 177–8
export similarity index 146–8
exports
pattern of East Asian development and 145–63
convergence and explanations 149–56
data and measurement 146–8
in US and world markets 156–61
stimulation of 18, 23–4, 168–9
families, size of 51, 52
farm sector see agricultural sector
fees and charges 25, 39
financial crisis in Asia 1, 14, 19–20, 31, 156
financial sector
electronic commerce and 191, 197, 202
see also banks
firms
management 65
firm performance and 118–22
incentives 107, 114–22
monitoring of 111, 114
remuneration 116–18
ownership structure 106–7, 108–14
concentration of ownership and control 110
performance of companies and 110–14
private see private sector
savings 46, 54–6
state-owned see state-owned firms
township and village enterprises (TVEs) 55, 81
fiscal policy 15–16, 22, 56
fiscal reforms 25
food embargoes 241–55
consequences 247–51
likelihood 242–4
modelling 244–7
political economy 251–3
foreign players in telecommunications sector 199–201
foreign resources 58
gas, natural 317
glass industry 33–4
Global Trade Analysis Project (GTAP) 244
global warming 305, 315–16
golden projects 191, 195
government
debt problems of state-owned firms and 138–40
economic policies 14–19
exchange rate policy 166–72
fiscal policy 15–16, 22, 56
monetary policies 13, 16–17, 22
what policy choices should be made 19–24
Subject index

electronic commerce and 188, 194–6, 203
expenditure 57
interference in economy 34–5
monitoring of management by 111, 114
savings by 46, 56–7
web sites 193
see also state-owned firms; taxation

grain
food embargoes 241–55
consequences 247–51
likelihood 242–4
modelling 244–7
political economy 251–3
supply response of the marketed surplus of grains 228–38
conceptual considerations and model 229–32
data 232–4
estimation results and discussion 234–7
Great Leap Forward 101, 209
greenhouse effect 305, 315–16
growth see economic growth

habitat persistence model 49
Haier 194
health
air pollution damage 309–12
see also nutritional status
Heckscher–Ohlin effect 152
height see stature
Hong Kong 173
Stock Exchange 108
hotel industry 191–2
households
savings in 45–6, 48–54
distinction between urban and rural sectors 50–52
economic growth and 48–50
specification of 52–4
housing 26–7, 51, 283–4
human capital 86
hydropower 317

IBM 198, 200
incentives
managers’ 107, 114–22
firm performance and 118–22
remuneration structure 116–18
reversed inducement problem 138–9
income
as determinant of off-farm migration 218
distribution
in computable general equilibrium (CGE) model 46–8
disparities 267–74, 283–4
regional variations 261–77, 283
managers’ 116–18
firm performance and 118–22
nutritional status and 282
regional variations 261–77, 283
convergence 274–6
disparities 267–74
international perspective 273–4
review of previous studies 261–6
India 99
Indonesia 99
industrial restructuring 18
industry of origin (production) approach 86, 89–90
inflation 13–14, 169, 212
informal sector 36
interest rates 13, 16–17, 22, 35
International Comparison of Output and Productivity Project (ICOP) 87–9
International Comparison Project (ICP) 87
international trade 15, 19
balance of trade 19
conflicts in 243
exchange rates and 176–81
export similarity and pattern of East Asian development 145–63
convergence and explanations 149–56
data and measurement 146–8
in US and world markets 156–61
export stimulation 18, 23–4, 168–9
food embargoes 241–55
consequences 247–51
likelihood 242–4
modelling 244–7
political economy 251–3
internet
commerce see electronic commerce
infrastructure 196–7, 199–200
internet cafés 195, 196
internet service providers (ISPs) 197, 200–201
investment 19
contraction 13, 131
demand 22–3
excessive 34
fiscal policy and 15–16
seasonal fluctuations 33
wasted 34, 35–6
Iraq 254
Japan
catch-up by 86
export similarity to other economies 149, 151–2, 153–4, 158, 159
food embargoes and 252
Korea, South
acid rain in 313
catch-up by 86
labour productivity 99
labour
comparative labour productivity of Chinese and US manufacturing 86–103
data sources and problems 90–93
methodology of study 89–90
results of study 94–102
review of previous studies 87–9
see also employment
law enforcement 110
lay-offs 36
legal system 110
life cycle hypothesis (LCH) 49, 50, 52
loans see banks, loans
machinery industry 80, 82, 99
macroeconomic policy adjustment 13–27
continuing movement to a market economy 24–7, 29, 51, 242
employment and social security measures 26
financial system reforms 24–5
fiscal system reforms 25
housing reforms 26–7
nutritional status and 282–300
state-owned firms and 25–6, 65, 106–23
current policies 14–19
employment measures 18
export stimulation 18
fiscal 15–16
monetary 16–17
other measures 18
macroeconomic trends 13–14
what policy choices should be made 19–24
causes of recent recession 19–21
export or domestic demand 23–4
fiscal or monetary 22
investment demand or consumption demand 22–3
micro or macro policies 21–2
Malaysia, export similarity and 149
Malmquist productivity index (MPI)
66–7, 68–70
technical change and 79–82
management of firms 65
incentives 107, 114–22
monitoring of 111, 114
remuneration 116–18
firm performance and 118–22
market economy
transition to 24–7, 29, 51, 242
employment and social security measures 26
financial system reforms 24–5
housing reforms 26–7
nutritional status and 282–300
state-owned firms and 25–6, 65, 106–23
telecoms 198–9
MeetChina 200
Mexico 161
Microsoft 198, 199–200
migration
off-farm migration and economic growth 207–25
contribution of off-farm migration to economic growth 213–16
determinants of off-farm migration 216–19
levels of migration 208–13
modelling 219–21
predictions of long-term growth and structural changes 221–4
monetary policies 13, 16–17, 22
natural gas 317
NetMoves 200
Netscape 200–201
New York Stock Exchange 110
North American Free Trade Area (NAFTA) 161
nutritional status 282–300
anthropometric methods 284–6
data description 286–7
stature change trends 287–93
weight and body mass trends 298–300
office space 34
ownership structure of firms 106–7, 108–14
concentration of ownership and control 110
performance of companies and 110–14
permanent income hypothesis (PIH) 49–50
political dissent 195
pollution see air pollution
pornography 195
poverty 244
prices
exchange rate policy and 169
inflation 13–14, 169, 212
variations between rural and urban areas 51
private sector 18
employment in 36–7, 38
prejudice against 38–9
privatization 106–7, 108–14
productivity
comparative labour productivity of Chinese and US manufacturing 86–103
data sources and problems 90–93
methodology of study 89–90
results of study 94–102
review of previous studies 87–9
model of productive performance of state-owned firms (1990s) 65–84
empirical results 73–83
output, inputs and data descriptive statistics 71–3
stochastic frontier production function and MPI 67–71
profits 33
property rights 55
debt problems of state-owned firms and 140
public services, fees and charges 25, 39
purchasing power parity (PPP) 86, 87–90, 94–6, 168
real effective exchange rate index 172–6
recession, causes of 19–21
redundancy 36
reform programme see market economy, transition to
regional variations
income 261–77, 283
corvergence 274–6
disparities 267–74
international perspective 273–4
review of previous studies 261–6
nutritional status 289–93, 294–7, 299, 300
productivity 82–3
relative income hypothesis 49
reporting problems 30, 90–91, 173–4
reversed inducement problem 138–9
rural areas
household savings 50–52
nutritional status 289–93, 294–7, 299, 300
see also agricultural sector
Russia/Soviet Union 28
food embargoes and 241, 243, 246–7
sanctions see food embargoes
savings 43–58
enterprises 46, 54–6
foreign resources 58
government 46, 56–7
household 45–6, 48–54
distinction between urban and rural sectors 50–52
economic growth and 48–50
specification of 52–4
seasonal fluctuations 31–3
Shanghai Bookmall 193, 198
Shanghai Stock Exchange 108
Shanghai Venus Software Co. 198
Shenzhen Stock Exchange 108
shortages 20, 33, 52
Sina.com 200, 202
<table>
<thead>
<tr>
<th>Subject index</th>
</tr>
</thead>
<tbody>
<tr>
<td>SinaNet 202</td>
</tr>
<tr>
<td>Singapore 149</td>
</tr>
<tr>
<td>social security system 26</td>
</tr>
<tr>
<td>socialist planning 33</td>
</tr>
<tr>
<td>South Korea see Korea, South</td>
</tr>
<tr>
<td>state-owned firms</td>
</tr>
<tr>
<td>debt problems 125–40</td>
</tr>
<tr>
<td>causes of 130–40</td>
</tr>
<tr>
<td>estimation 125–9</td>
</tr>
<tr>
<td>low operating efficiency and 133–5</td>
</tr>
<tr>
<td>overdependence on bank loans 130–33</td>
</tr>
<tr>
<td>property rights and 140</td>
</tr>
<tr>
<td>reversed inducement and 138–9</td>
</tr>
<tr>
<td>soft constraints on loan repayment 135–8</td>
</tr>
<tr>
<td>solutions 139–40</td>
</tr>
<tr>
<td>undesirable effects of policies to resolve problems 138</td>
</tr>
<tr>
<td>investment by 15</td>
</tr>
<tr>
<td>loss-making 14, 25, 36</td>
</tr>
<tr>
<td>low operating efficiency 133–5</td>
</tr>
<tr>
<td>management 65</td>
</tr>
<tr>
<td>firm performance and 118–22</td>
</tr>
<tr>
<td>incentives 107, 114–22</td>
</tr>
<tr>
<td>monitoring of 111, 114</td>
</tr>
<tr>
<td>remuneration 116–18</td>
</tr>
<tr>
<td>model of productive performance (1990s) 65–84</td>
</tr>
<tr>
<td>empirical results 73–83</td>
</tr>
<tr>
<td>output, inputs and data descriptive statistics 71–3</td>
</tr>
<tr>
<td>stochastic frontier production function and MPI 67–71</td>
</tr>
<tr>
<td>reforms 25–6, 65, 106–23</td>
</tr>
<tr>
<td>managerial incentives 107, 114–22</td>
</tr>
<tr>
<td>ownership structure 106–7, 108–14</td>
</tr>
<tr>
<td>statistical reporting problems 30, 90–91, 173–4</td>
</tr>
<tr>
<td>stature</td>
</tr>
<tr>
<td>anthropometric methods 284–6</td>
</tr>
<tr>
<td>change trends 287–93</td>
</tr>
<tr>
<td>data description 286–7</td>
</tr>
<tr>
<td>steel industry 33</td>
</tr>
<tr>
<td>stochastic production function model 67–8</td>
</tr>
<tr>
<td>model of productive performance of state-owned firms (1990s) 65–84</td>
</tr>
<tr>
<td>empirical results 73–83</td>
</tr>
<tr>
<td>output, inputs and data descriptive statistics 71–3</td>
</tr>
<tr>
<td>stochastic frontier production function and MPI 67–71</td>
</tr>
<tr>
<td>stock exchanges 108, 131</td>
</tr>
<tr>
<td>Stone Rich Sight Information Technology 202</td>
</tr>
<tr>
<td>structural change</td>
</tr>
<tr>
<td>off-farm migration and economic growth 207–25</td>
</tr>
<tr>
<td>contribution of off-farm migration to economic growth 213–16</td>
</tr>
<tr>
<td>determinants of off-farm migration 216–19</td>
</tr>
<tr>
<td>levels of migration 208–13</td>
</tr>
<tr>
<td>modelling 219–21</td>
</tr>
<tr>
<td>predictions of long-term growth and structural changes 221–4</td>
</tr>
<tr>
<td>supply</td>
</tr>
<tr>
<td>excess 18, 20–21, 33–4</td>
</tr>
<tr>
<td>response to the marketed surplus of grains 228–38</td>
</tr>
<tr>
<td>conceptual considerations and model 229–32</td>
</tr>
<tr>
<td>data 232–4</td>
</tr>
<tr>
<td>estimation results and discussion 234–7</td>
</tr>
<tr>
<td>supply-side policies 18</td>
</tr>
<tr>
<td>swap markets 166–7</td>
</tr>
<tr>
<td>Taiwan</td>
</tr>
<tr>
<td>catch-up by 86</td>
</tr>
<tr>
<td>conflict over 242–3</td>
</tr>
<tr>
<td>e-commerce with mainland China 202</td>
</tr>
<tr>
<td>taxation 16</td>
</tr>
<tr>
<td>enterprise savings and 54, 55</td>
</tr>
<tr>
<td>government savings and 56–7</td>
</tr>
<tr>
<td>technical change 65–6, 68</td>
</tr>
<tr>
<td>Malmquist productivity index (MPI) and 79–82</td>
</tr>
<tr>
<td>also electronic commerce</td>
</tr>
<tr>
<td>technical efficiency 65–6, 68</td>
</tr>
<tr>
<td>determinants of 75–9</td>
</tr>
<tr>
<td>frontier estimation and 75</td>
</tr>
<tr>
<td>telecommunications</td>
</tr>
<tr>
<td>competition in telecoms market 198–9</td>
</tr>
<tr>
<td>foreign players 199–201</td>
</tr>
<tr>
<td>infrastructure 196–7, 199–200</td>
</tr>
<tr>
<td>textiles industry 80–81, 82, 99, 102</td>
</tr>
<tr>
<td>export similarity in 159–61</td>
</tr>
</tbody>
</table>

P. J. Lloyd and Xiao-quang Zhang - 9781781952801
Downloaded from Elgar Online at 05/04/2019 01:57:35PM via free access
Subject index

Thailand
- export similarity and 149
- financial crisis 14
- tobacco industry 99
- Tongrentang 194
- tourism 191–2
- township and village enterprises (TVEs)
  - competition against state-owned firms 81
  - savings by 55
- trade see international trade
- transaction costs 55
- transport equipment industry 99
- transport industry 192

unemployment 18
- unit value ratio 88
- United Kingdom
  - enterprise savings in 54
  - food demand in 243
  - industrial revolution 28
- United Nations
  - International Comparison Project (ICP) 87
  - sanctions 254
  - World Health Organization (WHO) 310
- United States of America
  - China’s trade with 173, 174
  - comparative labour productivity of Chinese and US manufacturing 86–103
  - data sources and problems 90–93
  - methodology of study 89–90
  - results of study 94–102
  - review of previous studies 87–9
  - conflict over Taiwan and 242–3
  - enterprise savings in 54
  - export similarity of East Asian development and 156–9
  - food embargoes and 241, 245–53
  - urban areas
    - household savings 50–52
    - nutritional status 289–93, 294–7, 299, 300
    - subsidies to 283–4
  - US Business Network 200
  - wealth model 49
  - web sites 193
- Weifang Technology 118
- weight and body mass trends 298–300
- welfare system 26
- wood products industry 99
- World Bank 283–4, 305, 306, 311, 314, 316
- World Health Organization (WHO) 310
- World Trade Organization (WTO) 199, 241, 255

Yahoo! 200, 201
- YiTong Telecom Service 200
- Yugoslavia 254