

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

Index

- Abrantes, 62
 absolutism, 10, 222, 232–234
 Acapulco, 105
Acto Colonial (1930), 299
 Afonso Henriques, king of Portugal, 15–16, 18–19
 Afonso III, king of Portugal, 37–39
 Afonso IV, king of Portugal, 39
 Afonso V, king of Portugal, 49
 Africa, 202
 East, 50, 217
 North, 6, 37, 43–46, 48–49, 59–60, 68, 87, 210
 West coast, 6, 43, 46, 48, 51, 79, 87, 104, 106, 149–150, 217
 African colonies, 257, 260, 282, 287–288, 300–301, 315, 334
 agrarian economy, 26, 40, 66, 292
 agrarian reform, 311
 agriculture, 5, 8, 10, 208, 291, 306, 330, 337, *See* crops; farms; investment; labor; land; productivity; proteccionism
 animal husbandry, 31–32, 66–68, 71, 139, 180–183, 239, 241–243, 266–267, 312
 arable husbandry, 176
 commercial, 32, 47, 176
 convertible husbandry, 171
 costs of farming–capital goods, 243
 draft animals, 232, 238–240, 242–244
 fertilizers in, 238–240, 244
 first farming revolution, 239
 intensive, 238
 irrigation, 12, 238, 306
 levies on, 29–30
 mechanization, 239–240
 output, 5–6, 8, 11, 31, 52, 67, 90, 94, 110, 133, 152, 164, 171, 176, 181, 184, 229, 240–245, 254, 266, 311, 329–330
 pasture, 25, 32, 47, 62, 66–67, 181, 240
 plantation, 76, 78–79
 second agricultural revolution, 239
 techniques, 31, 62, 67, 70, 171, 175, 184, 238–239, 241, 244
 tools and implements of, 31, 33, 238
 yields, 30, 65, 68, 132, 180–181, 183, 239–240
aguardente, 177
alambéis, 86
 al-Andalus, 1, 14–15, 18, 20, 25
 Alcácer do Sal, 20
 Alcácer Quibir. *See* Al-Ksar al-Kebir
 Alcobaça, 61–62, 64
 monastery of, 20, 22, 31
 Aldeia Galega, 75
 Alenquer, 34, 62, 188, 250
 Alentejo, 20, 34, 39, 54–63, 65–66, 68, 71, 86, 98, 114, 119, 121, 128–131, 133, 139, 141, 167–168, 173–174, 176–180, 182–183, 187, 239–240, 244, 266
 Alfonso VII, king of León–Castile, 18
 Algarve, 1, 18, 35, 54–60, 62, 64–67, 70, 73, 76, 88, 92, 105, 114, 130–131, 176–182
 Al-Ksar al-Kebir, 48, 100
 Al-Ksar al-Saghir, 43
 Almada, 62
almoxarifados, *almoxarifés*, 38–39, 41, 95, 97–98, 160, 217
 Ambon, 106
 America, 1, 65, 105, 148, 155, 198, 201, 245
 North, 110, 147, 201–202, 262
 Portuguese America. *See* Brazil
 South, 6, 43, 52, 84, 193, 258, 283
 Spanish, 103–106, 152
 Amsterdam, 103, 111, 124
 Jewish community in, 103
 Portuguese merchants in, 106
 sugar refineries in, 103
 Andalusia, 59, 65, 238

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

Index

389

- Angola, 79, 84, 99, 104, 149, 314
 Anjou, duke of, future Philip V of Spain, 155
 Antilles, 124
 Antwerp, 57, 86, 91–92
 exports to, 90
 Portuguese merchants in, 88
arbitristas, 3, 183
 Arguin, 49
 arms, production of, 73, 293
 army, 273
 Arronches, 62, 71
 artillery, 126, 157
 Asia, 1, 7–8, 36, 45, 49–50, 52, 60, 74,
 82–87, 101–102, 106, 153, 194, 202,
 209, 217, 223, 293, 327
 Portuguese Asia. *See Estado da Índia*
asientos, 104
 Asilah, 43
 Asseca, 65
assentos, 120
 Asturias, kingdom, 15
 Atlantic islands, 6, 43, 47–49, 51, 60, 68,
 83, 96. *See* Azores; Canary islands;
 Cape Verde; São Tomé
 Atlantic trade, 7, 93, 102, 104–105, 108,
 111, 125, 149, 214, 234, 237
 convoy system, 125, 147, 162
 Austria, 294–296, 301
 automotive industry, 332
 Aveiro, 35–36, 65, 88, 102, 111, 179
 House of, 21
 Avis. *See* military orders
 dynasty, 41, 48
 House of, 6, 33
 Azemmour, 43
 Azores, 89, 158–159
 agriculture, 68
 exports of wheat, 68, 87

 Bahia, 102, 105–106, 111, 122, 149,
 154, 217
 balance of payments, 296, 299–300, 303,
 305–306, 310, 312–314, 316
 balance of trade, 10, 146, 197, 203, 206,
 208–209, 257, 278
 deficits, 8, 110, 137, 143–145, 147,
 195–196, 200–201, 299, 305, 316
 Baltic, 75, 102–103, 147, 157, 197
 Banco Lusitano de Lisboa, 278
 Banco Nacional Ultramarino (National
 Overseas Bank), 277
 Bank of Lisbon, 274–277
 Bank of Portugal, 274, 277–279,
 282–286, 288–289, 297, 299, 306,
 316, 320, 322

 banking, 216, 240, 254, 274, 277, 285,
 297–298, 306, 312, 330, 340
 crisis of 1876, 278
 nationalization, 318
 public bank, 277
 Barbados, 143
 Barcarena, 73
 Bardez, 96
 Baring Brothers' Bank, 283
 barley, 64
 Barros Gomes, minister of foreign
 affairs, 282
 Bassein, 96, 107
 Batavia, 153
 battle
 of Alcântara, 100
 of Al-Ksar al-Kebir, 43, 48
 of Ourique, 18
 of Toulon, 230
 beef cattle, 259
beetrias, 19
 Beira, 19–21, 23, 28, 34–35, 54–55,
 61–62, 66, 70–71, 88, 98, 130–131,
 133, 139–140, 168, 177–180,
 187–188
 Beja, 59, 64
 Belgium, 268, 307, 320
 belts, making of, 72
 Benelux, 307
 Beresford, General, 232, 272
 Berlin, 288
 beverages industry, 331
 bills of exchange, 91, 96, 202
 Biscay, imports from, 75
 Black Death, 6, 22–23, 27, 30, 32, 37,
 46–47, 52–53
 Board of Public Credit (*Junta de Crédito*
 Público), 275
 Board of Trade (*Junta do Comércio*),
 126, 215
 Braga, 60, 66, 71, 170, 278
 archbishop of, 22
 archbishopric, 64
 Bragança, 72, 190
 duke of, 67, 72, 114
 House of, 21, 66, 115, 119
 Bragança, Miguel of, 234
 brandy, 212
 Braudel, Fernand, 52
 Brazil, 6, 8, 50, 53, 60, 72, 95–97, 101–102,
 105–106, 143, 145, 152, 156, 190,
 195, 228, 235–236, 253, 288. *See* gold;
 slave trade; sugar; tobacco; trade,
 Luso-Brazilian
 colonization of, 51, 83, 96

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

390 Index

- Brazil (cont.)
 independence of, 10, 229–230, 234, 236, 270
 opening of Brazilian ports, 232, 234
 outlet of Portuguese manufactures, 164
 rice planting, 180
 riots against taxation, 203
 royal family, departure to, 164–165, 200
 royal revenues collected in, 96
 sugar production, 77–79, 83, 93
 Bretton Woods, 12, 292, 303, 306, 308, 315, 326, 339
 bricks, making of, 73
 bridges, construction of, 40
 British *Ultimatum* (1890), 282
 Brittany, 46, 74
 broad beans, 67
 brotherhoods, 131
 Buenos Aires, 105, 153
 Bulgaria, 295
 bureaucracy. *See* state: public administration
 fiscal administration, 226
 Burgundy. *See* Henry of Burgundy
 dynasty, 41, 48
 House of, 6
 Burnay, Henry (count), 283, 285
 Bustelo, monastery, 132
- Cabral, Pedro Álvares, 50
 cacao, 207
 Caetano, Marcello, 315, 317
 Caixa Geral de Depósitos, 275, 277, 297, 299
 Caldas da Rainha, 63
 Campo de Ourique, 66
 Canary Islands, 105
 Candia, sugar producer, 77
 Cape Bojador, 45
 Cape of Good Hope, 50
 Cape Route. *See* *Carreira da Índia*
 Cape Verde Islands, 72, 79
capelas, 172
 capital. *See* credit; investment; human capital; physical capital
 agricultural, 67, 238
 capital-output ratio, 314
 costs, 93, 239
 exports to the colonies, 314
 fixed, 73
 in urban centers, 69
 industrial, 253
 international flows, 11–12, 77, 87, 91, 96, 257, 274, 291, 295, 299–301, 303, 314, 316, 318, 322, 326, 342
 capitalism, 46
 coordinated capitalism, 12
 caravels, 36, 123
 Caribbean, 143, 319
 Carnation Revolution (1974), 292, 315, 316–317, 320, 326, 342
Carreira da Índia, 6, 52–53, 83–85, 96, 101, 154
 losses, 106
 rates of return, 87
 shipping, 83
 structure of cargos, 87
Carrera de Indias, 105
 Cartagena de Indias, 105
cartas de foral (charters of municipal rights), 20, 26, 28, 30–31, 38, 40, 94, 220
cartas de povoamento (settlement charters), 20
 cartography, 45
 Carvalho, Mariano de, finance minister, 279, 283
Casa da Índia, 74, 81, 86, 91, 95, 97, 99, 112
Casa da Moeda (Mint house), 87, 95, 121, 210, 216
Casa dos Contos, 41, 95, 217
Casa dos Contos de Lisboa, 39, 95
Casa dos Vinte e Quatro, 33
casal, *casais*, 27, 29, 68
 Cascais, 35
 Castelo Branco, 20, 64
 Castelo de Vide, 71
 Castile, 6, 39, 50, 59, 72, 87–88, 100, 104–105, 160
 Castro, Luciano de, prime minister, 282
 Catalonia, 109, 238
 cattle, 67, 239, 259, 263
 cavalry, 119, 126–127
 cement industry, 309, 313
 ceramics, 72
 Ceuta, 47
 conquest of, 2, 6, 15, 43, 45–46, 48
 Ceylon, 101
 Chamber of Accounts. *See* *Casa dos Contos*
 charcoal, 295
 Charles II, king of Spain, 155
 Charles, archduke, future Charles VI, emperor, 155
 Charneca, 75
 chemical industry, 309, 313, 331, 333, 335
 Chesapeake, 143, 148
 China, 84, 341
 Church, 2, 5, 7, 14, 49, 99, 220, 270–271
 See tithe

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

Index

391

- ecclesiastic institutions, 19, 22, 25, 39, 63, 131–132, 174
ecclesiastic patrimony, 25
jurisdictional rights, 21
monasteries, 26, 31, 40, 132
subject to taxation, 116, 118
Civil Code (1867), 277
climate, 18, 66, 129
clothing, 247, 331, 333
demand for, 33, 185, 207–208, 247, 255, 331
making of, 72
coal, 247, 253, 268, 307–308
cobblers, 186
cod, 125, 145–146, 156, 201, 207, 224
coffee, 207
Coimbra, 16, 59, 65–66, 99, 129, 170
bishop, 19
conquest of, 15
county of, 16
See of, 16, 131
University of, 212
Coina, 73, 189
coinage, 40, 121, 194, 216, 274, 322
copper, 41
debasement of, 42, 46, 119, 121, 135
gold, 41, 195, 205
silver, 41
Colbert, Jean-Baptiste, 110, 136, 163
College of Nobles (*Real Colégio dos Nobres*), 212
Colony of Sacramento, 152–155
Columbus, Christopher, 50
comb making industry, 192
commanderies, 99, 160, 271
‘Commercial Revolution’, 81
Common Agricultural Policy, 308, 318, 320, 323
communities, 20 *See* municipalities
Companhia Confiança Nacional, 276–277
Companhia das Vinhas do Alto Douro (Wine Company of the Upper Douro), 177, 213
Companhia Geral do Comércio do Brasil, 125, 146–147, 156
Companhia Geral do Crédito Predial Português (Portuguese Building Credit Company), 277
companies, chartered, 177, 214, 279
colonial, 9, 84, 153, 203, 207, 213–214, 216
joint-stock companies, 277
Company of Grão-Pará and Maranhão, 207, 215
Company of Pernambuco and Paraíba, 207
comparative advantages, 195, 293, 309, 333, 335, 342
Comptoir d’Escompte, 283
concelhos. *See* municipalities; cartas de foral
Congress of Vienna, 11
Conselho da Revolução, 320
Constantinople, 45–46, 50
construction sector, 185, 301
consulado. *See* taxation
Consulado, merchants guild of Seville, 216
consuming revolution, 70
consumption
ban on, 138
domestic, 32–33, 36, 88, 139, 141, 183, 185, 188, 197, 246–247, 255, 258, 314, 327, 330
of grain, 145, 180, 183
of luxury goods, 137
self-consumption, 32, 69, 139
Contadorias do Tesouro, 275
contadorias, *contadores*, 41, 95
Continental Blockade, 223, 229–231, *See* French invasions; Napoleon; war, Napoleonic wars
contraband, 105, 150, 203
cooperatives, 240
copper, 41, 86, 157
imports of, 86, 201
Córdoba, Caliphate of, 16
cork, 90, 260–263
bottle stoppers, 245, 260
exports of, 36, 244, 309
cork oak wood, 73–74
Cortes of Tomar, 100
Cortesão, Jaime, 108
Costa Cabral, 273
cotton, 72
Brazilian, 193, 207–208, 235
imports of thread, 249–250
cotton industry, 208, 249
Council of Foreign Bondholders, 287
coutos, 19–20, 22
Covilhã, 65, 71, 140–143, 152, 187, 190
credit, 213–214, 284–285, 299
borrowing, 254, 270, 274, 277, 294, 297, 342, 343
bottomry loans, 121, 123–124
creditors, 224, 283, 286–287
financial markets, 11, 253, 255, 273–274, 282, 285–290, 304, 344
organizations, 216
rating, 281, 285
credit, public. *See also* debt, public
5 percent bonds (*padrões de dívida*), 222

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

392 Index

- credit, public (cont.)
 bonds, 8, 112, 173, 223, 278–280, 285–286, 297
 forced loans, 97
 loans, 112–113, 120, 270, 277, 279
 short-term, 125, 278
 war loans from Great Britain, 294–295
- crisis. *See* dynastic crisis; mortality crisis; oil crisis
 1973 international, 292, 316, 318, 337, 342
 2008 euro crisis, 13
 agrarian, 24, 131, 183, 266
 financial, 11, 143, 201, 204, 254, 277, 284, 286, 321
 financial (1891), 282, 287
 Cromwell, William, 91, 156, 213
 crops, 27, 29–30, 61, 91, 147, 176, 184, 239
 crop-fallow rotations. *See* agriculture, techniques
 grain, 32, 47, 63, 64–65, 67–68, 132–133, 180–183, 239, 241, 243, 266, 312
 spring, 31
 crowding out effect, 255
 Crown, 5, 14, 25
 jurisdictional rights, 38, 220
 lands, 21, 38, 40
 revenues, 40–41, 94, 97–98, 111, 125, 160, *See also* public finance
 royal household, 40
 royal treasury, 39, 95
 Royal Treasury (*Erário Régio*), 217–218
 Crusade, 1, 18, 49
 Curitiba, 153
 currency, 41, 272
 Carolingian system, 41
 convertibility, 283
 devaluation, 317, 319, 343
 foreign reserves, 297, 299, 304–306, 313–314, 316
 manipulation of, 8
 reserve. *See* pound sterling
 customs houses, 88, 95, 99, 142, 156, 161
 Cuzco, 105
- dairy, 144, 259–260, 263
 Daman, 96
 Danzig, 103
 Davides, Sisnando, 16
 Dawes Plan (1924), 294
 debasement. *See* coinage
 debt
 external, 295, 296
 debt, private, 288
 debt, public, 8, 9, 112, 120, 156, 224, 255, 270, 273–276, 278–281, 283, 285, 288–289, 294, 298, 322
 amortization, 222
 consolidated, 91
 domestic, 11, 281, 286
 foreign, 11, 253, 281, 283, 286, 288, 321
 increase of, 119–120, 296
 interest rates, 281, 286
 sale of debentures, 277
 securities, 277
 servicing of, 222, 275–277, 285, 288
 short-term, 91
 to Great Britain, 298
 debts, bank, 278
décima. *See* taxation, income tax
 decolonization, 310
 default, 11, 287–288
 deindustrialization, 199, 258
 Delors, Jacques, 343
 demand
 aggregate, 164, 197
 domestic, 32–33, 63, 67, 69, 73, 94, 138, 141, 146, 152, 170, 175, 180, 182, 184, 186, 198, 227, 245–247, 255, 303, 312, 314, 331–332, 336, 338, 343
 external, 9, 78, 90, 147, 176, 179–180, 184, 193, 207, 236–237, 245, 258–263, 312, 332, 336, 338
 for capital, 73, 182, 282, 334
 for external commodities, 37, 145, 150, 194
 for investment goods, 335
 for land, 61, 67, 172
 for luxury goods, 137
 for non essential goods, 332
 urban markets, 69, 137, 180, 188
 demesne, 27, 30
 democracy, 12, 315, 321, 340
 Denmark, 240, 259, 268, 295, 315, 318, 320, 324
 dependence theory, 256
 Dias Ferreira, prime minister, 286, 288
 Dias, Bartolomeu, 50
 dictatorship, 12, 293, 298, 305–306, 311, 315, 324–325
 Dinis, king of Portugal, 38, 39
 diplomacy, 100, 115, 123, 143, 156, 175, 195, 199–200, 223
direitos de foral, 28, 220
 Diu, 108
dizima. *See* taxation, customs
 domain state, 38, 109
 domestic demand, 330

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

Index

393

- Douro River, 14–16, 19, 23, 35, 47, 72, 131, 170, 174, 176–282
- Dutch
- fishing industry, 102, 146, 157
 - in Asia, 111
 - in Brazil, 111, 122–123, 125, 156
 - shipping, 111, 151
 - ships, 123
 - trading posts in Africa, 150
- Dutch disease, 199
- Dutch East India Company (VOC), 7, 84, 106
- Dutch Republic, 9, 122, 155, 157, *See also* United Provinces
- Dutch Revolt, 75, 92–93, 109
- Dutch West India Company (WIC), 111, 114, 122, 147
- dyewood, 51, 97
- monopoly, 96–97, 219
- dynastic crisis
- of 1383–1385, 6, 33, 40, 42, 47–48
 - of 1580, 100
- Economic and Monetary Union (EMU), 1, 322, 339, 342–343
- economic backwardness, 228–229, 238, 241, 243, 246, 252, 255, 257, 265, 303, 324, 339–340, 344
- economic competitiveness, 198, 255–256, 258, 262, 269, 292, 294, 303, 310, 323, 330, 333
- economic convergence, 2–3, 12, 291, 293, 319, 324–326, 338–339, 343–344
- economic divergence, 3, 10, 164, 229, *See* little divergence
- economic growth, 11–12, 229, 243, 256, 260, 289, 291–292, 301, 312, 313–316, 318, 326–327, 329, 337, 339–341, 343
- education system, 212, 244, 277, 313, 341, *See* human capital; literacy
- Edward III, king of England, 36
- eggs, 259–260
- electric appliances industry, 333, 335
- electricity, production, 12
- electric-powered industrial machinery industry, 333
- electronics, 341
- Elvas, 59, 62, 66, 170, 190
- emigrant remittances, 257, 282, 295–296, 298, 300, 306, 310, 312–314, 316, 318, 326, 330
- emigration, 11, 60–61, 105, 167–168, 257, 300, 314–315
- to Brazil, 9, 166, 253, 295
 - to Europe, 311, 317, 334
 - to the Americas, 253, 293
- empire, Portuguese, 7, 93
- costs of protection, 101, 106
 - during the Iberian Union, 53, 102
 - Dutch attacks, 106
 - impact on crown's revenue, 53
 - revenues from, 53, 97–99, 112–113
- empires
- Ottoman empire, 45
 - Spanish America, 103–106, 152
 - sub-Saharan, 14
- employment, 243, 249, 312, 330, 333–338
- energy
- hydraulic, 31
 - sources of, 185, 249
 - wind, 31
- energy industry production, 301, 306, 309, 313, 331
- England, 9, 24, 36–37, 43, 46, 101, 110, 137, 142, 149, 155–158, 162–163, 170, 194–195, 215
- and the Malthusian regime, 164
 - economic growth, 171
 - exports to Portugal, 200–201
 - high-wage economy, 184, 222
 - mixed husbandry, 182
 - shipping, 92, 151, 195
 - trade with, 88
 - urbanization, 131
 - yield ratio, 181
- English
- Factories in Lisbon and Porto, 212–213
 - in Asia, 111
 - merchants, 141, 156, 202, 211–212
 - ships, 156
- English East India Company (EIC), 7, 84
- entrepôt* trade, 76, 85, 97, 111, 143
- epidemics, 129, 165, 168, *See* Black Death; mortality crisis
- bubonic plague, 24, 129
- Ericeira, count of. *See* Meneses, Luís de, count of Ericeira
- Espaço Económico Português*, 309
- Estado da Índia*, 51, 96–97, 101, 108, 153
- attacks from the Dutch and the English, 111
 - fiscal burden, 113
 - levies on intra-Asian trade, 96
 - revenues, 96, 108, 113
 - rise in military spending, 112
- Estado Novo*, 306, 309, 315, 317
- Estremadura, 21, 23, 32, 39, 54, 57, 59, 62–66, 68, 70, 98, 129–131, 168, 173, 179–180, 187, 217

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

394 Index

- Estremoz, 66, 141, 152
 Euro, 322, 339, 341–342
 European Central Bank, 343
 European Coal and Steel Community (ECSC), 307–308
 European Communities, 1, 12
 European Council, 319–320
 European Court of Justice, 319
 European Economic Community (EEC), 292–293, 307–309, 318–319, 339
 agricultural funding, 323
 cohesion funds, 321–322
 Portugal's adhesion treaty, 321
 European Free Trade Association (EFTA), 307–310, 313, 315, 323
 European integration, 304–305, 307–308, 319–322, 325, 328, 338–339, 341–342
 European Monetary System, 319
 European Parliament, 319
 European Payments Union, 304
 European Recovery Program. *See* Marshall Plan (1947)
 European structural funds, 323, 343
 European Union, 12
 Eurozone, 339, 342, 344
 Évora, 20, 23, 59, 62, 66, 72, 114, 129, 131, 170, 172–173
 archbishopric of, 63, 121, 129
 brotherhood of, 133
 conquest of, 31
 exchange rates, 89, 162, 199, 294, 296, 300, 310, 312, 322, 343
 export-led growth theory, 256
 external accounts, 330, 341

 factories, 73, 188, 191–192, 208, 237, 248–250
 royal factories, 138, 189, 191, 216, 247–248
 Royal Factory of Covilhã, 189–190
 Royal Factory of Portalegre, 189–190
 Royal Glass Factory, 189
 Royal Rope Factory, 72, 74
 Royal Silk Factory, 189–190
 factors of production, 137, 181, 187, 199, 245, 327, *See* capital; human capital; labor; land
 fairs, 5, 34–36
 fallow. *See* agriculture, techniques
 famines, 24, 87, 114, 129, 168, 180
 farming individualism, 175
 farms, size of, 29, 174, 177, 182, 238–240
 Faro, 88, 111, 131, 151
 feitorias. *See* trading posts
 Fernandez-Armesto, Felipe, 47

 Fernando I, king of León-Castile, 16
 Fernando I, king of Portugal, 40
 Fez, kingdom, 43
 Figueiró dos Vinhos, 138
 financial institutions, 340
 financial system, 289
 Finland, 296
 First Republic (1910–1926), 4, 228, 286, 289, 291, 296–297, 324
 fiscal administration, 38, 39–41, 95, 116
 fiscal administration (in Portuguese Asia), 96
 fiscal burden, 53, 94, 112, 116, 158–159, 163
 fiscal constitution, 117, 160
 fiscal reform (1922), 297
 fiscal state, 99, 109, 158, 220
 fiscal system, 38, 99–100, 160
 fish, 36, *See also* cod
 preserves, 244, 309
 trade, 46
 fishing, 38, 47, 87, 157, 321
 Dutch industry, 102, 146, 157
 fleet, 156, 207
 Flanders, 25, 37, 100
 trade with, 36, 46, 65, 73, 88
 Flanders route, 92
 flax, 34, 70, 74, 157, 187
 Florence, 57
 flour, 64, 125, 207, 209, 235, 246–247
 imports of, 201
 food-producing industry, 331, 335
 foodstuffs, 207
 imports of, 253, 257, 293
 footwear industry, 72, 261, 331, 333, 335
 foreign reserve fund, 297
 forests, 26, 31–32, 36, 38, 66, 72, 74, 269
 France, 9, 36, 101, 136, 151, 155, 157, 163, 181, 229–230, 242, 245, 259, 262, 268, 295, 300, 304, 307, 309, 311
 diplomatic relations with, 74
 economic plans, 310
 population density, 54
 trade with, 88
 free trade, 256, 258, 262, 266, 283
 French invasions, 164, 220, 223, 228, 231–232, 247, 250
 impact on economy, 191, 229, 232, 235, 269
 impact on public finance, 270
 French Revolution, 199
 frontier economy, 27, 52
 fruit growing, 180
 fruits
 candied, 90

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

Index

395

- citrus, 180
- dried, exports of, 36, 89
- exports of, 90, 209, 259–260, 309
- figs, exports of, 66, 76, 90
- oranges, exports of, 66, 90
- raisins, exports of, 76
- Fugger, mercantile house, 86
- furniture, making of, 72, 185, 192
- Galicia, 37, 187, 238
- Gama, Vasco da
 - voyage to India, 2, 6, 50, 81
- Ganfei, monastery of, 132
- GDP, 52, 162, 194, 211, 221, 236–237, 254, 289, 296, 306, 309, 311, 313–314, 329, 335
 - per capita, 171, 324
- General Agreement on Tariffs and Trade, 308
- Geneva, 137
- Genoa, 57
- Genoa Conference (1922), 294
- Germany, 59, 128, 259, 262, 268, 287, 294–296, 298, 301, 304, 307, 309, 320, 324
 - imports from, 73
 - mercantile houses, 86
 - population, 128
- Ghana, empire, 14
- Gibraltar, 14, 48
- glassware industry, 73, 138, 188–189, 245, 248
- globalization, 11, 292, 341
- GNP, 236, 274, 314
 - per capita, 236
- Goa, 96, 106, 108, 113
- gold, 39, 46, 48, 76, 97, 106, 193, 198, 207, 271, 282, 286
 - coins, 283
 - drainage of, 198
 - from Brazil, 9, 172, 195, 199, 201, 203
 - from Guinea coast, 79–81, 86, 91, 97
 - gold-to-silver ratio, 121
 - mining, 9, 161, 163, 165–166, 203–204, 206–207, 214, 218
 - remittances, 201, 204–207, 222, 282
 - stocks of, 164, 205
 - Sudanese, 46, 49–50
- gold premium, 287
- gold reserves, 278, 282, 284, 304, 316
- gold standard, 264, 277, 281, 284, 289, 294, 296
- gold-exchange standard, 294–295, 300
- Gomes, Fernão, 50
- grain, 266, 287
 - imports of, 87–88, 102–103, 156, 183, 209
 - shortage of, 102, 181
- Granada, 1, 77
- Grand Alliance, 9, 155–157
- granjas*, 27
- Great Britain, 8, 10, 183–185, 195–198, 201–202, 208, 213, 223, 229–230, 232, 234, 241, 247, 255, 258–259, 261–263, 268, 288, 294, 298, 300, 303, 308, 318, 325
- Great Depression, 295, 301
- Greece, 285, 295, 298, 324
- Grijó, monastery of, 131
- growth accounting, 327–328
- growth potential, 244, 292, 336, 338–339, 341
- Guarda, 132, 179, 190
- guilds, 33
- Guimarães, 59, 71, 132–133, 168, 179
- Guinea, 49, 79, 84, 104, 149
- Habsburgs, 6, 7, 43, 53, 75, 100–101, 106, 111, 116, 120, 155, 158
- Habsburgs, Austrian, 109, 155
- Hamburg, 147, 207
- Hamilton, Earl, 199
- handicrafts, 69, 185
- Hanseatic League, 36, 151
- Harfleur, port of, 36
- hats industry, 71, 192, 201, 208, 235
- healthcare, 11, 312, 341
- hemp, 157
 - imports of, 36, 74
- Henry of Burgundy, 16
- Henry, Prince of Portugal, 43, 48–49
- herdades*, 173
- hides, 153, 198, 207
- Hintze Ribeiro, 285, 287
- Hochstetter, mercantile house, 86
- Holland, 106
 - ports of, 103
- Holy Roman Empire, 9, 109, 155
- Hormuz, 108, 112
- human capital, 61, 212, 214, 253, 255, 289, 292, 323, 326–329, 332, 335–337, 340–341
- Hungary, 256, 294
- hyperinflation, 295–296
- Iberian Peninsula, 1, 14, 18, 31, 52–53, 109
- Iberian Union, 7, 83–84, 97, 99–101, 105, 108, 111, 113
- Idanha, 66

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

396 Index

- import substitution policy, 8, 135, 136, 138, 143, 189, 197, 201, 204, 206, 214, 256, 293, 331, 332, *See also* industry, government policies toward
- income
 - distribution, 8, 12, 21, 29, 42
 - of middling social ranks, 118
 - per capita, 2, 12, 71, 229, 253, 256, 273, 289–291, 293, 323–325, 332, 339, 344
 - seigneurial, 43, 226–227
- India, 84, 87, 341
 - voyage to, 2, 6, 43, 45, 50, 81, 86
- Indian Ocean, 51, 83, 101, 106
- Industrial Revolution, 2, 228, 247, 253, 339
- industrialization, 3, 10, 11, 228, 234, 237, 246–247, 253, 256, 289, 291–292, 303, 306, 309, 313, 330, 332, 334
 - first wave, 253
 - index for 1835–1845, 249
 - post-war, 333
 - regional imbalances, 311
 - role of demand in, 332
- ‘industrious revolution’, 70
- industry, 5, 10, 292, *See also* beverages
 - industry; cement industry, combmaking industry; electric industry; energy industry; food production industry; glassware industry; hats industry; heavy industry; iron making; machinery; metalurgical industry; paper industry; textiles
 - government policies toward, 8, 109–110, 136, 138, 140, 142, 152, 160, 185, 188–190
 - heavy, 306
 - industrial licenses, 191
 - lobbyists, 266
 - machinery, 268
 - nationalization of industrial firms, 318
 - new technologies, 253
 - output, 11, 69, 184, 188, 190, 193, 200, 229, 235–237, 245, 247–250, 252, 254–255, 264–265, 267, 301, 309, 313, 331–332, 335
 - output trends, 252
 - role of foreign investors, 189, 192
 - rural, 33–34, 69–71, 74, 139–140, 185, 187, 190
 - size of enterprises, 185, 189, 191, 247–248, 250
 - state-sponsored, 140, 189, 247–248
 - technical innovation, 185
 - technology-intensive, 335
 - textile factories, 250
 - urban, 33, 71–72
 - infanções*, 16
 - infant industry, 237
 - inflation, 8, 10, 42, 46, 133–134, 197, 217, 224–226, 273, 294–295, 297, 299, 306, 310, 312, 315–316, 318–319, 343
 - rate of inflation (1918), 296
 - infrastructures, 306, 327, 330, 344, *See* ports
 - communication, 35, 170, 276, 323
 - railways, 12, 244, 276, 289, 301
 - roads, 12, 35, 244, 276, 289, 301, 341
 - transports, 11, 35, 55, 72, 170, 184, 188, 313, 323
 - urban, 11–12
 - innovation
 - agricultural, 239
 - fiscal, 8, 109, 121, 160, 203
 - industrial, 140–141, 185, 237, 249, 253
 - institutional, 117, 160, 165, 307
 - monetary, 10
 - Inquisition, 105, 113, 142, 212
 - insurance premium, 121, 123
 - insurances, 93, 124, 213
 - interest rates, 8–9, 91, 121, 123–124, 222, 255, 273, 280, 286, 312, 339, 342
 - international division of labor, 195, 209, 294
 - international economy, 11, 137, 145, 199, 209, 246, 253, 257, 289, 293, 295, 300–301, 303–304, 318, 323, 342
 - International Monetary Fund (IMF), 303, 308, 320
 - intervention in 1982–1983, 320
 - investment, 255, 315, 327, 335, *See* Marshall Plan (1947)
 - bank (Caixa Geral de Depósitos), 299
 - capital, 29, 32–33, 73, 182, 227, 239, 269, 327, 329, 334
 - external, 253, 293, 300
 - in African economies, 314
 - in agriculture, 8, 31, 63, 65, 133, 172, 174, 181, 184, 199, 238–243, 245, 311, 317, 330
 - in construction after the earthquake of 1755, 211
 - in facilities, 191
 - in human capital, 289, 292, 323, 326, 337, 340
 - in industry, 138, 141, 189, 248, 253, 312
 - in infrastructures, 12, 170, 244, 301, 328, 330, 341
 - in labor, 29
 - in livestock, 182
 - in physical capital, 323, 327, 337

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

Index

397

- private, 274, 276, 301, 306, 312, 323, 328
- public, 310, 312, 323
- investment in
 - physical capital, 326–327
- Ireland, 37, 315, 318, 324, 326
 - trade with, 88
- iron, 36, 157, 247, 253, 260
 - trade, 46, 73, 89, 201
- ironmaking, 73, 75, 88, 138, 186, 235, 237, 248
 - foundries, 73, 136, 138, 249
 - organization of, 73
- Islamic World, 14
- Italy, 59, 155, 208, 256, 261, 295, 300, 307, 320
 - Lombardy, 238
- urbanization, 55
- ivory, 106
- Janeyrinha* Revolt, 277
- Jesuits, 215
- jewelry making, 33
- Jews, 33, 59
 - weavers, 72
- João I, king of Portugal, 6, 42–43, 48
- João II, king of Portugal, 50
- João III, king of Portugal, 22, 43, 51, 74, 99
- João IV, king of Portugal, 114, 119, 122, 125, 127, 159
- João V, king of Portugal, 189, 198, 218, 222
- João VI, king of Portugal, 232, *See* João, Prince, future João VI, king of Portugal
- João, Prince, future João VI, king of Portugal, 227, 230, 232
- José I, king of Portugal, 210, 212, 217–218
- Junot, General, 165, 223, 231, *See* French invasions
- Junta de Juros*, 275
- Junta do Crédito Público*, 279, 285
- Junta dos Três Estados*, 116–117, 119
- know-how, 36, 149, 269
- Kuznets curve, 311
- labor, 134, 327, *See also* human capital; investment; productivity
 - colonial wars, impact on, 317
 - costs, 309
 - demand, 84, 181
 - forced, 37
 - in agriculture, 131, 171, 238, 241, 292, 309, 311, 329–330, 334
 - in industry, 70, 139, 141, 186, 188, 250, 252, 255, 330–331, 336
 - manual laborers, 211
 - non-agricultural, 34, 69
 - scarcity, 25, 27, 46–47
 - services (*jeiras*), 28, 30
 - skilled, 72, 142, 185, 333
 - supply, 69
 - training, 323, 327
 - unskilled, 333
 - wage laborers, 33, 46, 173, 336
- labor market legislation, 339
- labor organization
 - industrial, 253
- labor productivity. *See also* productivity, labor
 - in agriculture, 238, 254
 - in industry, 255
- labor skills, 338
- Lagos, 59, 62
- Lamego, 62, 66, 72, 74, 187
 - See of*, 16
- land
 - abandonment of, 32
 - commons, 5, 26, 66–67, 133, 174–176, 240
 - disentailing acts, 25
 - distribution of, 2, 5, 15, 20, 25, 47
 - entailed, 175, *See capelas; morgadios*
 - expanding cultivation of, 23, 61–62, 176, 182, 240–241, 243–244
 - mortmain, 172
 - ownership, 25, 26
 - subrogation, 184
- land market, 172–173
- land ownership, 238
 - patterns of, 238, 240
- land rents, 28–30, 40, 96–97, 99, 116, 121, 131–134, 180
 - trends, 63
- land tenure, 27
 - collective type, 28
 - emphyteusis, 28–29, 167, 172–175, 184
 - lease, 28–29, 61–62, 121, 133, 173–174
- land-labor ratio, 25, 27, 31, 52, 55, 241
 - arable land per worker, 243
- landlords, 21, 122, 239
 - investments in agriculture, 31, 63
 - jurisdictional rights, 21
- League of Nations, 294, 298
- leather, 207
 - exports of, 36
- leather industry, 72, 188, 192, 208, 333, 335
- Lei de Reconstituição Económica*, 300, 306
- Leiria, 74
- León-Castile, kingdom, 16, 20

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

398 Index

- Leopold I, emperor, 155
 liberal revolution, 94, 183, 228, 234, 272
 Constitution (1822), 10, 228, 234, 275
 Regeneração, 228
 revolution of September (1836), 264
 Sinédrio, 232
 liberalism, 258, 269, 274, 276, 293
 Lima, 105
 Lisbon, 20, 23, 36–37, 47, 55, 62, 66, 72,
 73, 98, 104, 111, 126, 131, 134, 136,
 146, 151, 156, 162, 168, 170, 188,
 224, 228, 235, 240, 244, 249–250,
 271, 276, 279, 297, 311
 archbishopric of, 64
 city council of, 33, 108
 conquest of, 18, 20, 31
 Dutch merchant community in, 103
 earthquake of 1755, 9, 147, 165, 170,
 196, 201, 209–212
 grain imports, 183
 leather industry, 188
 port of, 35, 103–104, 151, 170, 230–231
 Portuguese businessmen in, 212
 price of basket goods, 225
 urbanization rate, 169, 175
 List, Friedrich, 200
 literacy, 255, 269, 276, 289, 323, 332,
 340–341, 344
 little divergence, 2, 171, 229
 Little Ice Age, 129
 Liverpool, 149
 livestock, 26, 31, 61, 65–67, 133, 175,
 180, 184
 living standards, 4, 10, 12, 60, 133, 139,
 145, 147, 164–165, 181, 184, 238,
 289–291, 312
 in Lisbon, 171
 Livorno, 147
 Lombardy, 2
 Lomé Convention, 319
 London, 57, 155, 170, 204, 211, 213, 287
 exports to, 66, 90
 Mint house, 205
 London stock market, 283
 ‘long sixteenth century’, 52–53, 75, 79
 looms, 33, 70, 141, 187, 190, *See* textiles
 Lord Tyrawly, ambassador, 212
 lordship
 over land, 19
 over people, 19, 96
 Louis XIV of France, 155
 Lousã, 188
 Low Countries, 2, 102, 155, 229, *See also*
 Belgium; Netherlands
 urbanization, 55
 yield ratio, 181
 Luanda, 102, 122
 Luís, Prince of Portugal, 63
 lumber, 260, 269
 Luther, Martin, 100
 luxury goods, 206, 248

 Macao, 153
 Macedo, Duarte Ribeiro de, 136
 machinery, 246, 268, 327
 machinery industry, 335
 Madeira Island, 68, 96, 105, 158
 sugar production, 76
 Madrid, 105, 124
 maize, 61, 64–65, 88, 131–132, 181, 184,
 239–240
 diffusion of, 132, 134, 145, 167, 180
 Malabar, 86
 Malacca, 106
malaguetas, 89
 malaria, 65
 Mali, empire, 14
 Malthusian regime, 32, 52, 164, 184
 management, 255
 manorial organization, 1, *See also* seigneur-
 ial system
 manors, 19, 21–22, 25, *See* reguengos
 Manteigas, 141–142, 152, 190
 Manuel I, king of Portugal, 49, 89, 91,
 93–95
 manufactures, 6, 188, 235, 246, 267, 331
 exports to colonial markets, 185
 imports of, 194, 201, 295
 manure, 240
 Maranhão, 101, 106, 122, 215, 217
mare clausum, 50
Maria da Fonte (1846), 275
 Maria I, queen of Portugal, 177, 218,
 232, 270
 Maria II, queen of Portugal, 272
 Marinha Grande, 189
 markets
 agricultural. *See* Common Agricultural
 Policy
 Asian, 86
 Brazilian, 193
 British, 176, 263
 colonial, 175, 195, 237, 248
 domestic, 175, 238, 245, 249, 252, 266,
 303, 309, 319, 331, 334
 integration of regional, 184
 international, 164, 179, 238, 245, 249,
 256, 273, 295, 303, 307, 316,
 332–333, 335
 international exchange, 295

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

Index

399

- local, 34, 248
- metropolitan financial, 314
- protected, 260, 265, 314
- regional, 69
- urban, 70, 170, 244
- world, 257–258, 262–263
- Marshall Plan (1947), 304–307, 339
- meat, 32, 82, 113–114, 181, 245, 259–260, 263
- Mediterranean, 5, 23, 60, 103, 109, 128, 164
- meias-anatas*, 114
- Melo, Fontes Pereira de, 277–278
- Melo, Sebastião José de Carvalho e. *See* Pombal, marquis of
- Meneses, Luís de, count of Ericeira, 129, 135, 136, 138, 142, 150, 152, 160, 188, 190–191
- mercantilism, 110, 193, 198, 211
- merchant marine, 91, 94
 - size of, 93
- merchants, 7, 34, 36, 99, 112, 216, 235
 - Dutch, 103
 - Florentine, 77
 - Genoese, 77
 - Jewish, 105
 - peruleiros*, 105
- Mértola, 62
- Mesa do Bem Comum*, brotherhood, 215–216
- metallurgical industry, 331
- Methuen treaty, 9, 110, 157, 163, 176, 193–194, 198, 200–201, 213
 - effects in current account balance, 213
- Methuen, John, 156
- Middelburg, 124
- Middle East, 7
- migration, 11
 - to urban centers, 311
- military coup (28May1926), 297
- military orders, 5, 20, 25, 31, 118, 221, 271
 - Avis, 20, 22, 42, 99
 - Christ, 22, 49, 96, 99
 - Hospitallers, 18
 - Santiago, 20, 22, 61, 99
 - Templars, 18, 20
- millet, 64
- mineral oils, 259
- minerals, 73
 - exports of, 257
 - non-metallic, 331, 333
- Minho, 15, 19–21, 23, 25, 32, 34, 54, 57, 61, 64, 65, 70, 74, 88, 92, 98, 129–133, 136, 167–168, 170, 176–177, 179
- Minho River, 15, 35
- mining, 73, 84, 194, *See* gold, mining
- Miterrand, François, 319
- molasses, 90
- Mondego River, 16, 18, 23, 62–63, 92
- monetary regime, 121, 284, 294, *See* coinage; currency; gold standard; money
- money
 - circulation, 34, 285, 294
 - monetization, 34, 40
 - of account, 41–42, 121
 - paper money, 10, 223–224, 274–278, 284
 - supply, 9, 143, 206, 224, 288–289, 296
- monopolies
 - commercial, 7, 10, 49, 80, 84, 96–97, 100, 145, 150
 - distribution. *See also* tobacco, monopoly
 - industrial, 72, 138, 142, 159, 189, 284
 - redistribution, 113–114
 - slave trade, 99
- Monsaraz, 62
- Montemor-o-Novo, 62, 66
- Montemuro, 67
- morgadios*, 26, 172
- mortality crisis, 129, 165, 168
- Movimento das Forças Armadas*, 318
- Mozambique, 106
- Muge, 65
- mulberry trees, plantation of. *See* textiles: silk
- municipal councils, 26, 94, 99, 113, 117
- municipal securities, 113
- municipalities, 5, 20, 22, 26, 28, 33, 39, 41, 94, 98, 100, 117, 160
- Napoleon, 199, 223, 228–229, 232, *See* Continental Blockade; French invasions; war
- natural resources, 34, 253, 331, 335–336
- nautical fittings, 88
- nautical science, 45
- Navigation Acts. *See* Cromwell
- navy and army
 - expenditures with, 221
- Netherlands, 54, 133, 155, 240, 268, 295, 320, 324
 - high-wage economy, 184
- New Christians, 120, 140
- NewYork, stock market crash, 295, 301
- Nisa, marquis of, 118
- nobility, 2, 5, 7, 19, 22, 25, 48–49, 99, 220
 - income of, 43
 - jurisdictional rights, 21
 - land holdings, 26
 - subject to taxation, 116

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

400 Index

- Norway, 295, 324
Numeramento de 1527–1532, 53
- oak wood, 73
 Óbidos, 63
 office machinery industry, 333
 oil
 crisis, 12, 316, 320, 326, 333
 middle east, 326
 prices, 292, 315–316, 318
 Olinda, Dutch conquest of, 111, 114
 Olivares, count-duke of, 100, 111, 114, 126
 olive oil, 30, 32, 65, 67, 125, 139, 146, 181, 207, 245–246
 exports of, 36, 38, 90, 146, 209, 259–260
 olive trees, 65, 67, 139, 146, 176, 179
 Oliveira de Azeméis, 73
 Oliveira Marques, António Henrique de, 37
 Oliveira Martins, Joaquim Pedro de, 278, 284–286, 288
 Olivença, 59, 62
 orchard trees, 176, 180
Ordenações Afonsinas, 94
 Organisation for European Economic Co-operation (OEEC), 304, 305–306
 Ota, 65
 Ourém, 63
 overseas expansion, 2, 43, 45, 47–48, 50, 76
 causes of, 45
 political and institutional consequences, 99
 Oviedo, city, 16
 oxen, 66
- padrões de juro*. *See* credit, public:bonds
 Palmela, duke of, 276
 paper, 88, 260
 paper industry, 188, 249, 331, 335
 paper pulp, 259–260, 331
 Pará, 101
 Paraiba, 106, 111
 Paris, 137, 155, 287–288
 Paris Conference (1919), 298
Partido Progressista, 279, 282, 288
Patuleia (1846–47), 274
 peas, 67
 Pedro I, emperor of Brazil, 234, *See* Pedro, regent (Brazil)
 Pedro I, king of Portugal, 6, 38–39, 42
 Pedro II, king of Portugal, 110, 135, 143, 222, 223
 Pedro, Prince regent (Brazil), 234
 pepper, 83, 89–90, 97, 106
 markups, 82
 prices of, 50, 89
 re-exports of, 103
 trade, 76, 81–86, 91
 Peres, Vimara, 15
 Pernambuco, 102, 105, 125, 157
 Persia, 112
 Peru, 105
 petrochemical complex (Sines), 334
 Philip II, king of Spain, 6, 87, 93, 100, 102, 112
 Philip IV, king of Spain, 7, 100, 111, 113–115
 Philip V, king of Spain, 155
 physical capital, 292, 323, 332–333, 335–336
 Piemonte, Arnaud of, 190
Planos de Fomento, 309
 Poland, 103, 295
 Pombal, marquis of, 9, 160, 165, 172, 177, 188, 191, 196, 204, 209, 210–211, 213–215, 217–219, 222, 227, 246
 administrative reforms, 218
 industrial policy, 191, 201
 institutional reforms, 212, 216
 population, 8
 age of marriage, 167
 birth rates, 24, 26, 60, 128–129, 167
 celibacy, 60, 167
 death rates, 24, 128–129, 165, 167, 289
 density, 53
 European marriage pattern, 60
 health levels, 340
 influx from the colonies, 317, 334
 life expectancy at birth, 167
 marriage rates, 24
 mortality changes, 127, 129
 trends, 5, 6, 8–9, 22–24, 32, 46, 52–53, 61, 67–68, 109–110, 127–128, 145, 152, 162, 164–165, 172, 175, 238
 urbanization, 55, 168
 Portalegre, 59, 71, 168, 188–189
 Porto, 23, 36, 55, 72, 87, 103, 146, 149, 169, 187, 192, 213, 230, 232, 249–251, 276, 278, 282, 297, 311
 urbanization rate, 175
 wine exports from, 282
 ports, 38, *See also* Lisbon, port of
 Porto, 103
 Viana do Castelo, 62, 103, 111
 Vila do Conde, 71, 74, 88, 103, 111
 Portucale, 15–16
 Portuguese Asia. *See* *Estado da Índia*
 potatoes, 239, 245
 Potosi, 105
 pottery, 72
 Pouldavid-sur-Mer, 74
 pound sterling, reserve currency, 300

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

Index

401

- poverty, 62, 323
 Prado de Tomar, 138
 Prester John, 50
 prices, 3, 10, 32, 93, 110, 141, 170, 188,
 199, 239, 273, 310
 agricultural goods, 63
 and abundance of gold, 194
 cap measures, 189
 domestic, 142, 249
 index, 133, 135, 236, 270
 international, 264
 of cod, 224
 of copper, 86
 of gold, 297
 of grain, 121, 132, 181, 224, 243
 of labor, 243
 of land, 243
 of meat, 180
 of oil, 292, 315, 318
 of pepper, 50, 81, 84, 89, 91
 of Portuguese bonds, 281, 287
 of salt, 146
 of silver, 87
 of slaves, 79
 of sugar, 76, 78, 122, 137
 of tobacco, 137, 148
 of wine, 181
 price-floor regime, 266
 regulation of, 12, 37, 243, 299, 306, 315,
 317, 330, 342
 trends, 133
 primary goods, 209, 259, 263, 293
 printing presses, 235
 privatization, 320
 banks, 320
 industrial sectors, 320
 productivity, 171, 258, 263, 290, 317, 323,
 327, 335
 aggregate, 335–337
 British levels, 242
 capital, 312, 327, 330, 344
 changes in, 229
 in agriculture, 31, 64–65, 68, 171, 180,
 182, 187, 239, 243, 255, 259, 301, 311
 in industry, 141, 253, 301, 311, 337
 in services, 311
 labor, 141, 238, 240, 242–243, 254–256,
 268, 292, 311–312, 329, 331,
 334–338, 344
 land, 238, 240–241, 312
 total factor productivity, 4, 164, 182,
 185, 238, 241, 244, 293, 311, 323,
 327–329, 335–336, 339, 343
 property rights, 4, 20, 26, 28–29, 50, 97,
 122, 159, 172, 174–175
 protectionism, 3, 12, 94, 138, 140, 142,
 151, 163–164, 191, 237, 243–244,
 246–248, 253, 258, 265, 267–269,
 291, 293, 296, 299–301, 307, 310,
 313–314, 316, 318, 322, 342–343
 agricultural, 243, 266, 309, 329
 Campanha do Trigo, 299
 industrial, 193, 254, 264–265, 267, 269
 Lei da Fome, 243
 proto-industrialization, 139, 187, *See*
 industry; industrialization; textiles;
 putting-out system
 public finance, 5, 7–9, 219, 272–274, 288
 accounting methods, 217, 272
 accounting system, 277
 accounts, 298
 budget, 159, 218–219, 221, 272, 279,
 285–286, 300, 312, 314, 319, 341
 budgetary discipline, 299, 322
 deficit, 119–120, 198, 223, 255,
 272–274, 279, 289, 297, 310, 318–319
 expenditure, 10, 270, 272, 274, 279, 296
 military spending, 221
 revenues, 159, 161–163, 218, 221,
 270–272, 275, 279, 281, 286–287, 296
 Public Treasury, 267, 274–275
 putting-out system, 70, 73, 139, 187
quintas, 27
 railways. *See* infrastructures
 raw materials, 34, 61, 74, 139, 141, 201,
 209, 216, 247, 259, 265
 for cooper industry, 89
 for industry, 259
 for leather industry, 153, 208
 for shipbuilding, 75
 for textile industry, 69, 70, 72, 137, 187,
 190, 207
 forestry, 36, 38, 66
 imports of, 157, 187, 257, 268, 293,
 295, 306
 increase demand of, 69
 low-cost, 310
 metals, 197
real-d'água, 114, 120
 Recife, 156
Reconquista, 1, 5, 7, 14–16, 18–19, 21, 23,
 25, 27, 31, 43–44, 48, 59
 Redondo, 188
 Reformation, 100
 regalian rights, 38, 40–41
Regeneração, 246, 277–278, *See* liberal
 revolution
Regimento da Fazenda, 95

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

402 Index

- reguengos*, 19, 21, 25
 remittances. *See* emigrant remittances;
 gold, remittances
 Renaissance, 45
 rent collectors, 226
 Restoration (1640), 108, 111, 119, 123,
 134, 146, 151, 156, 158, 160, 199
 Rhodesia, 282
 Ribatejo, 35, 74–75
 Ricardo, David, 200
 rice, 64, 180, 201
 production in Brazil, 207
 Riga, 75
 Rio de Janeiro, 10, 105, 153, 165, 217,
 227–228, 232
 Rio de la Plata, 105, 143, 152
 roads. *See* infrastructures
 Romania, 295
 Rome, 57
 rope, 72, 75, 248
 rope making, 136, *See also* factories, Royal
 Rope Factory
 Royal Academy of Sciences (Lisbon)
 assessments on agriculture, 182
 opinion on collectivism, 175
 rubber, 259
 rubber industry, 331
 Russia, 265
 supplier of semi-transformed goods, 197
 rye, 62, 64, 131, 245
 yield ratio, 180

 S. Miguel Island, 68
 Sacramento. *See* Colony of Sacramento
 Safi, 43, 49
 sailcloth, 71, 74
 sailing technology, 45
 Salamanca, 282
 Salazar, António de Oliveira, 12, 298,
 300–301, 305, 308, 310, 312, 315, 326
 Salcete, 96
 Salir, 35
 salt, 46, 102, 146, 156–157
 exports of, 35, 37, 76, 88, 90, 103, 111,
 146–147, 259
 Salvador da Bahia. *See* Bahia
 Sancho I, king of Portugal, 39
 sanitary progress, 165
 Santa Catarina, isle of, 153
 Santa Cruz of Coimbra, monastery, 22, 61
 Santarém, 55, 63, 72–73, 244
 conquest of, 18, 31
 São Jorge da Mina, fortress, 79, 86
 São Salvador de Grijó, monastery, 27
 São Tomé Island, 50, 90, 106

 sugar production, 76, 79
 savings, 255, 274, 285, 288, 303, 313–314,
 327, 335, 342
 Scandinavia, 164, 256, 258, 268
 supplier of semi-transformed goods, 197
 School of Commerce (*Aula do*
 Comércio), 212
 scientific revolution, 44
 Sebastião, king of Portugal, 43, 48, 100
 seigneurial dues, 28, 30, 35, 38, 94, 96, 99,
 116, 131–132, 220
 seigneurial reserves. *See* demesne
 seigneurial system, 1, 5, 16, 19, 20, 25, 27,
 51, 171, *See* manorial organization
 serfdom, 46
 dissolution, 27
 Serra da Estrela, 18, 64, 66, 71, 139, 140
 services sector, 291–292, 301, 312, 316,
 323, 329–330, 336–339, 344
 employment, 243, 334
 output, 334
 productivity levels and growth rates, 337
sesmarias, 37, 62
 Setúbal, 35, 59, 76, 88, 102, 168–170, 311
 port of, 111, 146
 Seville, 105, 216
 sheepherding, 66, 139, 180, 190, *See* agri-
 culture, animal husbandry;
 transhumance
 shipbuilding, 7, 36, 46, 52, 62, 69, 73–75,
 84, 91, 157, 201, 248
 organization of, 74
 production costs, 74, 93
 shipping, 52, 69, 91, 93, 103–104, 108,
 110, 141, 151, 202
 British fleet, 145
 cost of, 82
 in the *Carreira da Índia*, 83, 112
 losses, 92
 Portuguese merchant marine, 213
 risks, 124
 volume of, 92, 123
 ‘Shipping Acts’, 91
 shipyards, 83, 138
 Aveiro, 74
 Lisnave, 334
 Royal Shipyard (*Ribeira das Naus*),
 73–75, 136
 Venice, 74
 Sicily, 77
 silk, raw, 190
 Silva, António Maria da, 297
 silver, 53, 67, 102, 104, 113, 143, 152–153,
 161, 181, 271
 American, 105, 143, 153, 155

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

Index

403

- bullion, 87
- coins, 41, 87, 120, 284
- gold-to-silver ratio, 121
- scarcity of, 135–136
- Single European Act, 320
- Sintra, 62
- sisá*. *See* taxation, sales tax
- cabeção das sisas*, 98, 114
- slave trade, 49, 53, 79, 84, 97, 99, 102, 103–105, 148, 150, 203, 215
- slavery, 27, 47, 49, 76, 78, 87, 145, 215
- smelting, 73
- Smith, Adam, 200
- soap, 90
- Soares, Mário, 319, 321
- social security system, 317
- socialist regimes, 327
- Songhai, empire, 14
- Soviet Union, 325
- Spain, 4, 12, 54, 65, 101, 155, 181, 190, 228, 238, 256, 261, 265, 322, 325
 - inland transportation, 170
 - land-labor ratio, 55
 - peseta*, devaluation, 322
 - population trends, 165
 - urbanization, 55
- Spanish bonds, 277
- Special Amortization Fund, 275
- specialization, 198, 260, 333, 344
 - and demand for labor, 184
 - as wine producer and exporter, 177
 - in industry, 269
 - regional, 186
 - specialized craftsmen, 185
- spices, 45, 81, 86, 89, 106
- spinning. *See* textiles
- spinning wheels, 33, 70
- Spínola, General, 318
- Stability and Growth Pact, 322
- state. *See also* Crown; credit, public; debt, public; public finance
 - economic policies, 5
 - external accounts, 296, 298, 312
 - financial applications, 255
 - interventionism, 3, 9, 163, 177, 185, 244, 248, 292–293, 306, 310, 312, 315, 318, 320, 332, 334
 - investment plans. *See Lei da Reconstituição Económica*
 - modernization of the, 221
 - public administration, 222, 270, 274
 - public bank. *See* Caixa Geral de Depósitos
 - public service, 276
- States-General, 102
- steam engines, 249
- steam-power machinery, 191
- steel, 260, 268, 307, 308
- steel works, 313
- Stephens, William, manager of the Royal Glass Factory, 189
- stock exchange, 285, 301
- structural change
 - and economic growth, 337, 343
 - and European structural funds, 343
 - impact on growth, 337
 - in the industrial sector, 338
 - roots of, 164
- sugar, 78, 105, 110–111, 120, 147, 150, 207
 - exports of, 81, 90, 103, 106, 147, 207, 235
 - mills, 76–77, 102
 - prices, 78, 104, 122, 137
 - production, 7, 51, 53, 76–79, 83–84, 93, 101, 104–105, 111, 147
 - refining of, 103, 193, 208
- Surat, bay of, 112
- sustainability, 327
- Sweden, 259, 269, 295, 317, 324
- Switzerland, 268, 295
- synthetic products
 - imports of, 293
- Tagus River, 14, 18, 62–63, 72, 75
 - engineering work, 63
- tailors, 186
- Tangiers, conquest of, 43
- tapestry making, 33
- tariff protection, 246, 293
- tariff schedule, 263–266
- tariffs, 10, 12, 137, 148, 234, 243–244, 258, 260, 265, 267, 269
- Tarouca, monastery, 31
- Tavira, 59, 62
- tax burden, 162
- tax collection, 38–39, 100
- tax farming, 38, 132, 134, 162, 227
- tax state, 39
- taxation, 8, 11, 159, 288, *See* foreign reserve fund
 - among EFTA partners, 308
 - colonial customs, 287
 - compliance, 118
 - constitutional limits of, 115
 - consulado*, 112–113
 - customs, 7, 38, 87, 94, 96–99, 102, 111, 138, 141, 150, 152, 160, 162, 219, 236, 263–265, 270, 279, 283, 285, 287, 297, 299, *See also* tariffs

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

404 Index

taxation (cont.)

- décima*. *See* taxation, income tax
- direct taxes, 20, 41, 273
- domain revenue, 159
- extraordinary, 97, 112, 114, 120, 160, 270
- fifth on gold mining, 161, 194, 204, 218–219
- in Portuguese Asia, 96
- income tax, 8, 114, 116–117, 122, 126, 158–160, 163, 218, 220, 224, 270–271, 276
- indirect taxes, 8, 20, 38, 159–161
- literary tax (*subsídio literário*), 212
- mint tax, 40–41
- on business transactions, 277
- on earnings of public debt bonds, 285
- on interest payments of public debt, 286
- on property, 277
- on the earnings of civil servants, 286
- onepercent on gold shipments, 204, 210
- rebellion against, 114
- sales tax, 40–41, 97–99, 160–161, 163
- tax exemptions, 189
- tax law (1929), 299
- tax reform, 273, 277
- technology, 52, 73, 164, 185, 241, 253, 327, 335
- Teodósio, Prince of Portugal, 115
- Terceira Island, 68
- Teresa, daughter of Alfonso VI of León-Castile, 16
- terras coutadas*. *See* *coutos*
- textiles, 36, 38, 46, 49, 185, 201, 246–247, 331, 333, 335–336, 341, *See also* factories; proto-industrialization; putting-out system
- baetas* (baizes), 136–137, 140, 200
- brocades, 137
- burel*, 37
- cotton, 70, 72, 79, 84, 90, 101, 154, 235, 247, 249, 265, 267–268
- damask, 86
- dyeing, 32–33, 71
- English scarlet, 37
- English woolens, 9, 88, 140–141, 150, 156, 176, 195, 200, 209
- exports to the colonies, 208, 236, 309
- felt hats, 200
- finishing of, 71, 140
- Italian scarlet, 86
- linen, 34, 70–72, 74, 86, 141, 187, 193, 207, 235, 237, 268, *See also* flax; industry:rural; proto-industrialization; sailcloth
- perpetuanas, 200
- Rouen cloth, 86
- sarjas* (serges), 136–137, 140, 200
- satin, 190
- silk, 70, 72, 84, 86, 136–138, 186, 188, 190, 248, 268
- silk stockings, 137, 192
- spinning, 32, 70–72, 140–142, 187, 190, 268
- stamping of, 71
- taffetas, 86, 190
- velvet, 86, 190
- weaving, 32, 70–72, 187, 190, 255, 262, 268
- woolens, 34, 70–71, 86, 136–142, 152, 184, 187, 200, 202, 248, 265, 267
- Thatcher, Margaret, 319
- TheHague, 125, 155
- tiles, making of, 73
- timber, 62, 75, 157, 259
 - imports of, 36
- tin, 46
- tithe, 30, 63, 96, 99, 116–118, 131, 220
- tobacco, 147–150, 154, 203, 207, 216, 287
 - monopoly, 113, 150, 161, 163, 217, 219, 226–227, 274, 279, 282–283, 285
 - shipped to African coast, 149–150
 - transformation of, 250, 331
- Toledo, 86
- tolls, 30, 40
- Tomar, 32, 62, 66, 72
- Torre de Moncorvo, 72, 74, 190
- Torres Novas, 250
- Torres Vedras, 64
- tourism, revenue from, 316
- trade. *See also* Atlantic trade; *Carreira da Índia*; Continental Blockade; General Agreement on Tariffs and Trade; Lomé Convention
 - colonial, 9–10, 52, 93–94, 121, 185, 188, 207, 214, 299
 - composition of exports, 260
 - domestic, 34–35, 170
 - effects on GDP per capita, 52
 - embargos on, 102, 110
 - industrial exports to Europe, 309
 - international, 5, 8, 10–12, 36, 38, 47, 88, 89, 92, 110, 143, 145, 151, 160, 170, 193, 200–201, 231, 247–248, 256–257, 288, 291, 293, 300, 303, 331
 - intra-Asian, 101
 - intra-European, 7, 93
 - Luso-Brazilian, 125, 147, 162, 193, 206–208, 232, 234–237, 270, 272

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

Index

405

- re-exports of colonial goods, 89, 91, 147, 150, 208, 257, 295–296, 300, 326
- re-exports of gold, 195
- re-exports to the colonies, 194
- with Asia, 53, 102
- with France, 198
- with Great Britain, 198, 200, 209
- with Spain, 144
- with Spanish America, 152
- trade barriers, 322
 - abolition of, 341–342
- trade routes, 49, 76, 92, 103–104, 106
- trade unions, 317, 319
 - influence in politics, 320
- trading posts
 - in Asia, 108
 - in Brazil, 51
 - on the West African coast, 43, 49, 79, 87
 - Royal Factory at Antwerp, 86, 91–92
- transhumance, 66
- transition costs, 269
- transports. *See* infrastructures
- Trás-os-Montes, 15, 18–20, 25, 28, 32, 35, 54–55, 60, 64–65, 72, 98, 119, 136, 177, 185–187, 190, 221, 240
- treasurers, 95
- Treasury Council (*Conselho da Fazenda*), 95, 117, 120, 123–124
- treaty. *See also* Methuen Treaty
 - Anglo-French trade, 262
 - Anglo-Portuguese (1654), 110, 140, 142, 156
 - Anglo-Portuguese (1810), 232, 234, 263
 - coal and steel, 307
 - French-Portuguese trade agreement, 263
 - of Maastricht, 322, 342
 - of San Ildefonso, 230
 - of TheHague (1669), 146
 - of Tordesillas (1494), 50, 87, 104, 153
 - of Utrecht (1715), 109, 164
 - of Versailles, 294
 - of Westphalia (1648), 109
 - of Zamora (1143), 18
 - with Castile (1411), 48
 - with France (1701), 155
 - with Spain (1668), 8, 160
 - with Spain (1681), 153
 - with Spain (1701), 155
- Twelve Years' Truce, 103, 106, 110
- unemployment, 318
- Union of Arms, 100, 113, 126
- United Kingdom, 249, 304, 315, 318
- United Kingdom of Portugal and Brazil, 232
- United Provinces, 7, 101–104, 110, 135, 156, 304. *See* Dutch Republic
 - shipping capacity, 92
 - urbanization, 131
- United States of America, 12, 259, 261, 265, 294, 301, 303–304
- urban elites, 26, 100
- urbanization, 10, 130–131, 238, 289, 348
 - rates, 164, 168, 171, 184
 - regional, 168
- Valença, 35
- Valencia, 86
- vedor da fazenda*, 39, 41, 95
- vegetables, export of, 259–260, 309
- Venice, 137
- Viana do Castelo, 35, 62, 87, 103, 111, 179, 187, 278
- Vila do Conde, 35, 71, 74, 88, 103, 111
- Vila Real, House of, 21
- Vilas Boas, Gonçalo da Cunha, 140
- vinegar, 179
- Viseu, 65, 129, 132, 168, 190
 - bishopric of, 132
 - duke of, 76
 - See* of, 16
- viticulture, 32, 37, 65, 67, 133, 156, 176–177, 181
 - capital-intensive, 65, 182
 - in Douro region, 177, 182
 - in Madeira Island, 78
 - output, 177
 - phylloxera, 243–245
- Vitré, 74
- Vouga River, 62
- wages, 10, 46, 116, 127, 199, 220, 311,
 - See* labor
 - in civil construction, 211
 - in civil service, 317
 - in industry, 227, 310
 - minimum wage, 317
 - of unskilled labor, 116, 126, 127
 - real, 68, 134–135, 164, 171, 181, 194, 197, 224
 - relation with the colonial market, 194
- rural, 133, 243, 311
- urban, 134, 170
- wage labor. *See* labor:wage laborers
- war. *See also* Reconquista
 - civil war (1832–1834), 234, 272–273
 - civil war (1846–1847), 274
 - civil war (Spain), 324
 - Cold War, 304

Cambridge University Press

978-1-107-03554-6 - An Economic History of Portugal, 1143–2010

Leonor Freire Costa, Pedro Lains and Susana Münch Miranda

Index

[More information](#)

406 Index

- war (cont.)
- colonial wars, 12, 292, 308, 312, 314–315, 317
 - costs of, 116, 126, 270, 272
 - Dutch–Portuguese in the Southern Atlantic, 123, 125
 - effects of, 106, 119, 121–122, 126–127, 160, 232, 270
 - Eighty Years' war, 84, 104, 108
 - Hundred Years' war, 36
 - Korean War, 304
 - Napoleonic wars, 165, 209, 223, 226–227, 230–231, 272
 - Nine Years' war, 176
 - of Restoration (1641–1668), 8, 109–110, 115, 128, 219, 222, 341
 - of Spanish Succession, 8, 109, 133, 147, 155, 157, 160, 166, 176, 194, 223
 - Roussillon Campaign (1793–1795), 223
 - Seven Years' war, 10, 196, 200–202, 209, 211, 217, 219
 - Thirty Years' war, 7, 104, 109, 110
 - with Castile (1369–1385), 6, 24, 40, 42, 48
 - with Spain (1801), 190, 223, 230
 - World War I, 11, 256, 265, 291, 293–296, 300, 304, 325
 - World War II, 12, 291, 301, 303, 316, 324–325, 327, 336, 342
 - war loans, 294, 301
 - war reparations, 294, 298, 301
 - water, 139, 238
 - wax, 36
 - weaving. *See* textiles
 - Wellesley, General (future duke of Wellington), 232
 - Wellington, duke of. *See* Wellesley, General
 - Welser, mercantile house, 86
 - wheat, 32, 50, 64, 82, 88, 131–132, 181, 220, 259, 266
 - flour, 125, 209
 - from Azores, 68, 87
 - from Sicily and Turkey, 201
 - imports of, 37, 47, 103, 145, 170, 183, 201, 266–267, 295, 305
 - output, 244–245, 312
 - prices of, 181, 224, 243
 - protectionism, 266, 329, *See Campanha do Trigo*
 - tariffs, 244, 266
 - yield ratio, 68, 180–181, 240
 - wine, 30, 32, 105, 113–114, 170, 175, 177, 184, 212, 247, *See* Methuen treaty; viticulture
 - and Methuen treaty, 176
 - bottling of, 245
 - common, 262
 - Douro demarcated region, 9, 177
 - exports of, 9, 36, 38, 46, 65, 76, 89–90, 125, 146, 157, 176–177, 179, 194–195, 198, 200, 207, 209, 213, 235, 244–245, 257, 259–260, 262–263, 309
 - fortified, 262
 - French, 9, 156–157, 176, 262
 - low quality, 245, 263
 - prices, 181
 - production, 10, 31, 65, 105, 176–179, 199, 243, 245, 266–267
 - vinho do Porto* (Port wine), 177–179
 - wood industry, 333, 335
 - wool, 34, 71, 137, 140, 190, 260, 268
 - processing of, 65
 - World Bank, 303
 - world economy, 7, 89, 259, 293, 338
 - World Trade Organization, 341
 - Ximenes, Francisco, merchant, 90
 - Yugoslavia, 295, 332
 - Zeeland, ports of, 103
 - Zêzere River, 20