

Index

- Aberle, G., 204–206
ACEA, 245
Adam Smith Institute, London, 379
AEEG, 247, 249–251
African National Congress, 4
AGC, 249–250
Agence des Participations del l'Etat, 166
Agence National des Frequences (ANFR), 178–179
Agricultural Credit Corporation, 268
Aiginger, Karl, 97
Air France, 168–169, 171, 179, 190, 193, 296
Airlines, 73, 202, 213–215. *See also*
 Transportation
Aer Lingus, 270–271, 275
Aero Loyd, 205
Aer Rianta, xv–xvi, 283–284
Air France, 168–169, 171, 179, 190, 193, 296
Austria Airlines, 100–101
British Airways, x–xi, 179, 276, 368
Crilly Airways, 270
Germany and, 205–206
Grandfather rights and, 216
Ireland and, 270–271, 275–276, 283–284
KLM, 169, 193, 252, 296, 326
SAS, 122, 128–129
United Kingdom and, x–xi, 179, 276, 368, 387–389
Alcan, 176–177
Alcantara, 236
Alchian, Armen A., 110
Alitalia, 229, 252
Alko, 141–142
Allaz, B., 66
Alstom, 170
Alumix, 236
Ameritech, 127
An Post, 284
Antitrust policies, 55, 71–72
 electricity and, 63–70
 Federal Energy Regulatory Commission (FERC) and, 52–53, 63–64, 68–69
 Modified Final Judgment and, 57–60
 telecommunications and, 56–63
 vertical separation and, 57–60
Anuatti-Neto, Francisco, 239
APX, 315–316
Aranzadi, Claudio, 341
Arcelor, 143
Argentina, 341
Argentina, 63, 174
Argimón, I., 354
Armstrong, Mark, 18, 21, 51
Arocena, Pablo, xv, 339–364
Arriva, 328
Artola, C., 354
Asynchronous Digital Subscriber Line (ADSL), 20
AT&T, 7, 19, 52, 56, 63
 deregulation of terminal equipment and, 57
 local telephony and, 60–61
 long-distance telephony and, 57–60, 62
 Modified Final Judgment and, 57–60
 vertical separation and, 57–60
Attali, Jacques, 164
ATX stocks, 103–109
Aura, 141–142
Ausseneegg, Wolfgang, 109
Australia, 63, 359
Austria, xv, 4
 aggregate productivity gains in, 98–99
 ATX stocks and, 103–109

- Austria (cont.)
 banks and, 96–97
 center-right coalition and, 96–98
 corporate performance and, 101–103
 economic characteristics of, 93–96
 EU deregulation and, 99–100
 euro effects and, 92–93
 Finland and, 149
 foreign control and, 102
 FPÖ and, 97
 gas and, 99
 GDP of, 92–94
 German occupation of, 93
 Keynesianism and, 93–94
 labor market impacts and, 100–101
 liberalization and, 93, 99–100
 manufacturing sector and, 93
 multiplier process and, 94
 National Council and, 94
 OECD and, 100–101, 109
 OeIAG and, 96, 102–103, 110–111
 privatization in, 89–111
 property rights approach and, 90
 public choice approach and, 90
 public enterprises and, 89–90
 public sector fiscal stance and, 109
 R&D and, 98
 small, open economies and, 90–93
 state owned enterprises (SOEs) and, 102
 taxes and, 94
 telecommunications and, 96, 99, 103, 111, 359
 tobacco industry and, 96–97
 unemployment and, 94, 100–101
 Vienna Stock Exchange and, 103–109
 Austria Airlines, 100–101
 Austria Microsystems, 100–101
 Austrian Nulldefizit target, 97
 Austrian Reform Commission (Ausgabenreformkommission), 98
 Austrian Telekom, 103
 Austria Tabak AG, 96–97, 104, 106
 Autogrill, 236
 Autorità per le garanzie nelle comunicazioni (AGC), 246–247
 Autorité de Régulation des Télécommunications (ART), 178–179, 184–186

 Bahnstrukturreform, 202–203
 Baldwin, R., 383
 Ballardur, Edouard, 168
 Baltica A/S, 128

 B and I Line, 271–272, 279
 Bank Austria, 106, 108
 Banks, 203
 Austria and, 96–97
 Denmark and, 129
 European Central Bank, 257
 Finland and, 141–142
 France and, 163, 177–178
 Ireland and, 284
 Italy and, 226–227, 231–232, 257
 Netherlands and, 294, 296, 331, 333
 Banque de France, 177–178
 Barca, Fabrizio, 225
 Barrett, Sean D., xv, 265–288
 Barry, 265
 Bartle, I., 7
 Bauer, Johannes M., 81
 BAWAG, 97
 Bel, G., 341
 Belgium, 4, 28, 90, 92, 245
 Belinfante, A., 19
 Belke, Ansgar, xii, xv–xvi, 89–115
 Bell Operating Companies, 7
 Bergman, L., 33
 Berlin Tegel, 206
 Berne, Michel, xv–xvi, 163–197
 Bertelsmann Foundation, 97–98
 Bertolus, J. J., 166, 174
 BG Bank, 129
 Biais, Bruno, 109
 Bianchi, Patrizio, 229, 252
 Bikuben, 129
 Björkroth, Tom, 152
 Blanc, Michel, 168
 Blankart, Ch. B., 211
 Blom-Hansen, J., 133
 Blumstein, Carl, 65–67
 BNM, 284
 Boardman, Anthony E., 110, 387
 Böhler-Uddeholm AG, 101, 104, 106, 108
 Bon, Michel, 174, 189
 Bonnetblanc, G., 166
 Boorsma, P., 291, 330
 Borcherding, Thomas E., 150
 Borenstein, Severin, 65, 72
 Borsa Elettrica, 248
 Bortolotti, Bernardo, 97, 109, 242
 Bös, D., 143, 379
 Boss, A., 203, 205–206
 Bouckaert, J., 307
 Boutchkova, Maria K., 93
 Boycko, M., 379

- Boyd, Colin W., 150–151
 Boyfield, K., 216, 386
 Boylaud, O., 205
 Braeutigam, Ronald, 62
 Brau, R., 388
 Brazil, 239
 Brescia, 245
 BRISA, 90
 Britain. *See* United Kingdom
 British Aerospace, 369
 British Airways, x–xi, 179, 276, 368
 British American Tobacco, 229, 231
 British Gas, 8, 371, 380–381
 British Leyland, 369
 British National Oil Corporation (BNOC), 23–24
 British Petroleum, x–xi
 British Rail, 9, 40–41
 British Shipbuilders, 369
 British Telecommunications
 network industries and, 6–7, 16, 20–22, 201
 UK experiment and, 370–372, 380–381, 387, 390
 Brunekreeft, G., 207–209, 211
 Brussels, ix, xii
 Buckland, R., 371
 Bull, 171–172
 Bundeskartellamt, 206
 BUPA, 285
 Burns, P., 380
 Burton, J., 368
 Buses, 284, 326–330, 372
 Bushnell, James B., 65
 Byatt, Ian, 36
- Cable and Wireless, 370
 Cabrera, L., 355–356
 CAISO, 65
 California, 27
 CAISO and, 65
 electricity crisis of, 27, 34, 64–69, 73–74, 77–78, 315
 reform design of, 65–66
 Call party pays (CPP) system, 310
 Canada, 63, 176–177, 359
 Capitalism, 3, 5, 126, 233, 349
 Carlin, Wendy, 100
 Carlyle, 308
 Cartels, 201, 299
 Casema, 308
 Cassese, Sabino, 228
- Cavaliere, Alberto, 244
 Cave, M., 383
 Cecchi, Claudia, 248
 Cedro, J. M., 166, 174
 Cementir, 236
 Central Electricity Generating Board (CEGB), 8, 28–29, 33
 CGEA, 328
 Cherry, Barbara A., 81
 Chile, 63, 235, 239
 Chirac, Jacques, 168
 Christian Democrats, 289, 291–292, 316
 Christoffersen, Henrik, xvii, 117–140
 Chubb, B., 268
 Ciampi Law, 254
 CIE, 272–273
 Cip6, 248
 Cirio Bertolli De Rica, 236
 CIR-Olivetti, 252
 Citylink, 284
 Civil Aviation Authority, 389
 Clemenz, Gerhard, 89–111
 Clientalism, 269
 Clifton, J., 372, 385
 Coal, 64, 183
 Coalitions, 96–98
 Cohen, E., 164
 Coillte, 284
 Colbert, Jean-Baptiste, 257
 Combined cycle gas turbines (CCGTs), 27–28, 30
 Comin, F., 372, 385
 Comital, 236
 Comitato dei Liquidatori, 229
 Comitato Interministeriale Prezzi (CIP), 243
 Commercial state enterprises (CSEs)
 disillusionment with, 273–274
 ex post analysis of, 272–273
 Ireland and, 265–274
 rationale for, 270–272
Communications Outlook (OECD), 188
 Communists, 181
 Competition, 9
 antitrust policies and, 52–72
 banks and, 96–97
 determinants for success and, 13–16
 duopoly policy and, 21
 electricity and, 27–36
 Finland and, 153–154
 France and, 179–180
 gas and, 23–27

- Competition (cont.)
 Germany and, 200–206
 intermodal, 61
 Ireland and, 280–282, 285
 Italy and, 246–248
 liberalization and, 7–8
 licenses and, 64
 National Competitiveness Council and, 285
 Netherlands and, 289, 299–305, 313–330
 network industries and, 12–13
 NMa and, 299, 303
 railroads and, 37–41
 reforms and, 51–81 (*see also* Reforms)
 Spain and, 341–342, 352–354
 sustainability and, 23
 telecommunications and, 18–21, 23, 60–61
 United Kingdom and, 369–372, 382–385, 390–391
 water and, 36–37
 Competition Act, 390
 Competition Authority, 282
 Competition Commission, 390
 Competitive access providers (CAPs), 60
 Comreg index, 279
 Confédération Générale du Travail (CGT), 181, 183
 Connex, 284
 Connexion, 328–329
 Consanguinity, 176
 Conservative Manifesto of 1979, 23–24
 Conservatives, 339
 Conservative Manifesto of 1979 and, 23–24
 Liberals and, 133
 Spain and, 348–354
 United Kingdom and, 371, 388–389
 Consiel Supérieur de l'Audiovisuel (CSA), 178
 Consob, 242
 Construction Machine Station, 130
 Consultative Council on Privatizations (CCP), 348
 Contin, 341
 Convery, F., 276
 Cook, P., 391
 Copenhagen Stock Exchange, 129
 Corporatization, 228
 Corus, 296
 Costas, A., 341
 Cournot oligopoly, 154
 Cowan, Simon, 21, 51
 CPI price index, 128
 CPS services, 308
 Cragg, Michael, 235, 387
 Crandall, Robert W., 19, 78
 Creamery Act, 270
 Crédit Agricole, 169
 Crédit Lyonnais, 169, 171, 190
 Cremer, H., 13, 141–142
 Crew, Michael A., 68–69, 76
 Crilly Airways, 270
 CSC, 129
 CSI-Aceralia, 340, 362
 CTC, 16, 19
 Cuervo, A., 354
 Cullen, L. M., 287
 Culleton Report, 279
 Dail Committee, 275
 Dairy Disposal Company, 267–268, 270, 275
 D'Alema government, 255
 Dalmine, 236
 Daly, M. E., 266–267, 269
 DANISCO, 122
 Danish Alcohol Monopoly, 122
 Danish Railways (DSB), 129
 Danish Sugar Company, 122
 Danske Bank, 129
 Data envelopment analysis (DEA), 373
 Davidson, 103
 Davis, Gray, 67
 Davis, Jeffrey, 98
 DCS 1800 auction, 309
 DEA, 236
 De Alessi, L., 379
 De Bijl, P., 312
 De Fraja, Giovanni, 141, 150
 Delbono, Flavio, 141
 Del Jesus, T., 166, 174
 De Nardis, Sergio, 254
 De Nicola, Alessandro, 250
 Denmark, xiv, xvii, 35, 274
 banks and, 129
 Big Compromise and, 121–122
 Conservative-Liberals and, 133
 economic system of, 120–124
 euro and, 122
 gas and, 122–123
 GDP of, 123–124
 Greenland and, 130–131, 135
 liberalization and, 120–123

- Marxism and, 124
 monopolies and, 122
 municipal sector and, 131–134
 nonprofit organizations and, 131–132
 North Sea and, 122–123
 OECD and, 121
 outsourcing and, 132–134
 party politics and, 124–125
 political structure of, 117
 privatization in, 117–140
 public share stabilization and, 123–124
 public vs. private ownership and, 125–126
 SAS airlines and, 122, 128–129
 Social Democrats and, 121–122, 128, 134
 state owned enterprises (SOEs) and, 122–131
 subsidies and, 130
 telecommunications and, 124, 127–128
 transportation and, 121–123, 128–129
 welfare state and, 117, 121–122
 Deregulation. *See* Regulation
 de Tricornot, A., 177
 Deutsche Bahn AG, 203, 216
 Deutsche Bundesbahn, x, 203
 Deutsche Bundespost (DBP) Telecom, 203, 206
 Deutsche Flugsicherungs GmbH/DFS, 214
 Deutsche Reichsbahn, 203
 Deutsche Telekom, xvii–xviii, 174, 203, 207–208
 de Valera, Eamon, 269
 Diefenbacher, M., 165
 Direction des Constructions Navales (DCN), 183
 Distelkamp, M., 218
 Dockner, E. J., 150
 Domah, P., 27, 33, 36, 380, 387
 DONG, 123
 Dorotheum GmbH, 96–97
 Draghi bill, 241–243
 DTe, 313, 316, 321–322
 Duopolies, 21, 29–30
 Dutch State Mines, 296
 Dyck, Alexander, 235
 Dyck, I. J. A., 387

Economist, The, 289, 389
 Edizione Holding, 252
 EDP, 90
 Efficiency
 allocative, 379
 break-even strategy and, 379
 capacity utilization and, 28
 governments and, 89
 ownership and, 19
 public expenditure and, 3
 rate-of-return legislation and, 6–7
 regulation and, 6–9
 Retail Price Index and, 7
 Spain and, 356–358
 success determinants for, 13–16
 United Kingdom and, 373–382
 EFIM, 226–227, 229
 Eircom, 280
 Eisenkopf, A., 204–206
 Electrabel, 245, 314
 Electricity, xii–xiii, xvi, 41, 44
 Austria and, 93, 99
 CAISO and, 65
 California crisis and, 27, 34, 64–69, 73–74, 77–78, 315
 CCGT stations and, 27–28, 30
 Central Electricity Generating Board and, 28–29
 coal and, 64
 duopolies and, 29–30
 Energy Policy Act of 1992 and, 64, 204
 European Union and, 34–35
 Federal Energy Regulatory Commission (FERC) and, 52–53, 63–64, 68–69
 France and, 4, 181–183, 190, 194
 Germany and, 204, 208–211, 215, 220
 Hirschman-Herfindahl Index (HHI) and, 30
 independent power producers (IPPs) and, 30
 investor-owned utilities (IOUs) and, 65–67
 Ireland and, 267–268, 274, 281, 284–285
 Italy and, 227, 229, 231, 233, 235, 245–249, 254–255
 liberalization and, 33–36, 63–70, 204, 208–211, 215
 licenses and, 64
 monopolies and, 27–28
 Netherlands and, 313–319
 network industries and, 27–36, 63–70, 204
 New Electricity Trading Arrangements (NETA) and, 32
 nuclear energy and, 63–64
 peak-load pricing and, 66
 power exchange (PX) and, 65

- Electricity (cont.)
 power purchase agreements (PPAs) and,
 29, 32–33
 prices and, 30, 63, 66–70
 Public Utility Regulatory Policy Act
 (PURPA) and, 63–64, 67, 73
 qualified generation facilities (QFs) and,
 63–64
 real-time pricing and, 63, 69–70
 reforms and, 28–29, 51, 63–70 (*see also*
 Reforms)
 regional transmission organizations
 (RTOs) and, 64
 regulation and, 30, 33–36
 Spain and, 349, 352–353, 358–362
 time-of-day metering and, 66
 United Kingdom and, 28–29, 63, 69, 371,
 382–383
- Electricity supply industry (ESI), 8, 27, 35
 Electricité de France (EdF), 4, 181–183,
 190, 194
 Elettrogen, 245
 ELSAM Denmark, 274
 Emmannuelli, Henri, 167
 Enagas, 356
 Enasa, 342, 362
 ENCORE network, 331
 Endesa, 245, 341, 348, 353, 356, 362
 Endogeneity, 4
 ENEL, 227, 229, 231, 233, 235, 245–249
 Energieversorgung Niederösterreich, 101
 Energiewirtschaftsgesetz (EnWG), 204
 Energy Market Authority, 151
 Energy Policy Act (EPAct), 64, 204
 Energy XS, 318–319
 Engel Group Ltd., 153
 ENI, 226–227, 229, 233, 235, 243, 246, 252
 Enichem Augusta, 236
 Enriques, Luca, 243
 Enso, 143–144, 146, 149
 Enso-Gutzeit, 142
 Enterprise Act, 390
 E.On, 314
 EPIC (Industrial and Commercial Public
 Entities), 172–173, 178, 183
 E-plus, 306
 ERAP, 171, 175
 Erbetta, Fabrizio, 150
 Ernst & Young, 372
 Esaote, 236
 ESB, 281
 Essent, 308, 314
- Estrin, Saul, 149
 ETI, 229, 231
 Euro, 92–93, 122
 Euroallumina, 236
 Eurocontrol, 214
 European Central Bank, 257
 European Court of Justice, 201
 European Union, ix
 Austria and, 89–111
 Denmark and, 117–140
 directives of, xi–xiii, xvi, 18, 34–35, 194,
 219–220, 313, 323–324, 349, 352–354,
 372
 electricity and, xii–xiii, xvi, 33–36
 euro effects and, 92–93
 Finland and, 141–155
 France and, 163–195
 gas and, 34, 313
 Germany and, 199–220
 Green Papers and, 201, 203–204
 initiatives of, 200–202
 Ireland and, 265–287
 Italy and, 225–257
 Netherlands and, 289–333 (*see also*
 Netherlands)
 railroads and, 200
 Spain and, 339–363
 telecommunications and, xi–xii
 United Kingdom and, 365–391
 water and, 36–37
- EURO STOXX 50 index, 242
 Ewers, H.-J., 203
 Export Credit Insurance, 129
 ExxonMobil, 320, 322
- Fanning, R., 269
 Fantini, Marcella, 97, 109
 Faulhaber, Gerald, 55
 Federal Communications Commission
 (FCC), 72
 Germany and, 212
 network industries and, 18, 52–55, 58,
 60–62, 212
 United States and, 52–55, 58, 60–62
- Federal Energy Regulatory Commission
 (FERC), 25, 80
 electricity and, 63–64, 68–69
 Order 888 and, 64
- Fehmern Belt Bridge, 123
 Fehn, Rainer, 101
 Fehr, Ernst, 150
 Ferfin-Montedison, 252

- Fernández-Ordóñez, M. A., 363
 Filatotchev, I., 371
 Fininvest, 252
 Finland, xiii, xviii, 4, 37–38, 156–157
 banks and, 141–142
 competition and, 153–154
 digital technology and, 143–144
 GDP of, 143, 147
 hospitals and, 153
 industrial sector and, 142, 146–151
 information and communications
 technology and, 147, 151–152
 labor and, 154–155
 liberalization and, 151–155
 privatization motives and, 144–146
 public ownership in, 141–144
 R&D and, 143, 147, 155
 reforms and, 151–155
 regulation and, 152
 restructuring and, 146–151
 state owned enterprises (SOEs) and, 141
 telecommunications and, 143, 147–148,
 151–152
 transportation and, 141–142
 welfare and, 154–155
 Finlux, 147
 Finnet, 152
 Finnish Communications Regulatory
 Authority (FICORA), 152
 Fischer, Ronald, 235, 239
 Fishbacher, Urs, 150
 FitzGerald, Garret, 272–275
 Flender, 101
 Florio, M., 383, 386, 388
 Flughafen Wien AG, 96
 Flughafen Wien Schwechat, 101
Fondazioni, 235, 252–254
 Fontaine, André, 164
 Ford, Andrew, 70
 Ford Motor Company, 268
 Fortum, 147, 151
 Foster, Neil, 101
 Foster Yeoman, 200
 Foy, M., 270
 FPÖ, 97
 France, xv–xvii, 103, 381
 ANFR and, 178–179
 ART and, 178–179, 184–186
 banks and, 163, 177–178
 CGT union and, 181, 183
 Chirac and, 168
 Colbert and, 164
 Communists and, 181
 competition and, 179–180
 Constitution of, 172, 193
 defense industries and, 182–183
 deregulation and, 167, 181
 EdF and, 4, 181–183, 190, 194
 EPIC and, 172–173, 178, 183
 ERAP and, 171, 175
 EU directives and, 194
 financial indicators and, 190–193
 German occupation and, 163–164
 ideological roles and, 193
 income effects and, 170–171
 innovation and, 189–190
 investment and, 171
 Jospin and, 168, 174, 181
 lessons from, 194
 Louis XIV and, 164
 Ministry of Finance and, 166, 171
 Mitterrand and, 164
 monopolies and, 163
 National Assembly and, 165–169
 nationalization policies and, 163–165
 ownership changes and, 172–177
 performance measurement and, 184–193
 political issues in, 166–170
 prices and, 167, 184–186, 191–193
 privatization and, 163–195
 productivity and, 186–189
 public services and, 182, 189–190
 R&D and, 187
 Raffarin and, 168–169, 181
 regulation changes in, 177–179
 Renault and, 163–164, 180–181
 sector issues and, 167, 180–183
 Socialist Party and, 164–165, 168, 174
 state owned enterprises (SOEs) and, 163–
 165, 179–183
 stock prices and, 191–193
 SUD union and, 181
 telecommunications and, 166, 170–172,
 178–179, 183, 186–193
 television and, 166
 time line for, 166–170
 transportation and, 163, 168–169, 171,
 179, 183, 190, 193
 Union pour un Mouvement Populaire and,
 167
 France Telecom, 170
 cost structures and, 186–187
 employee ages and, 189
 EPIC and, 172–173

- France Telecom (cont.)
 finance issues and, 190–193
 IPOs of, 171–179, 187, 190–194
 labor productivity and, 187–189
 ownership changes in, 172–176
 personnel costs and, 187–189
 Franco dictatorship, 339–340
 Frankfurt International Airport, 206
 Fraquelli, Giovanni, 150
 FRIACO, 246
 Friedman, L. S., 65–67
 Fuentes, D. D., 372, 385
 Full Competition Directive, 204
 Funen, 123
- Gabelmann, A., 207
 Galal, Ahmed, 16, 19, 21, 235
 Galbiati, 251
 Gallagher Group, 97
 Gallo, Nicola, 248
 Gallup Finland, 146
 García-Fernández, J., 340
 Gas, 8, 41, 73
 Austria and, 99
 CCGT stations and, 27–28
 Conservative Manifesto of 1979 and, 23–24
 consumption rates and, 25–26
 Denmark and, 122–123
 distribution network and, 24–25
 EU directives and, 34, 313
 Ireland and, 281, 284–285
 Italy and, 226–227, 229, 233, 235, 243, 246, 249, 252, 254–255
 liberalization and, 26–27
 Netherlands and, 313, 319–322
 network industries and, 23–27
 privatization and, 23–27
 production costs and, 24
 Spain and, 356, 358–362
 United Kingdom and, 7–8, 26, 371, 380–381
- Gas Natural, 362
 Gastransport Services, 322
 Gasunie, 320–322
 Geary, F., 286–287
Gemeinwirtschaftslehre, 202
 General Motors, 200
 Germania, 205–206
 Germanwings, 205
 Germany, x, 4, 306, 381
 competition and, 200–206
 Denmark and, 123
 East, 200, 203
 EC initiatives and, 200–202
 electricity and, 204, 208–211, 215, 220
 Energiewirtschaftsgesetz and, 204
 Energy Act and, 204
 France and, 163–164
 Full Competition Directive and, 204
 Green Papers and, 201, 203–204
 liberalization and, 200–213, 218–220
 monopolies and, 214–215, 217
 postal service and, 311
 prices and, 201–202, 205–211, 219
 railroads and, 202–203, 213–218
 reforms and, 202–203, 213–218
 regulation and, 201–202, 217–220
 sector issues and, 217–218
 telecommunications and, 97, 174, 191, 203–208, 211–218
 transportation and, 202–206, 211–218
 universal services and, 211–213
- Gestore Rete Trasmissione Nazionale (GRTN), 246
 GIAT Industries, 182–183
 Giavazzi, Francesco, 244, 254
 Gilbert, R. J., 6
 Gini index, 125
 Giraud, C., 166
 GiroBank, 129
 Golden shares, 172, 228
 Goldstein, Andrea, xv–xvii, 225–264
 Gómez, S., 355–356
 Gönenc, R., 205
 González, Felipe, 340
 González-Páramo, J. M., 354
 Government, 13–16. *See also* Politics
 Austria and, 89–111
 Denmark and, 117–140
 economic efficiency and, 89
 Finland and, 141–155
 France and, 163–195
 Germany and, 199–220
 interventionism and, 266–270
 Ireland and, 265–287
 Italy and, 225–257
 Netherlands and, 290–291 (*see also* Netherlands)
 Spain and, 339–363
 subsidies and, 5, 17–18, 130, 170, 212–213, 248
 United Kingdom and, 365–391
- Grandfather rights, 216

- Granqvist, Nina, 151
 Grasseni, M., 388
 Great Belt Bridge, 123
 Greece, 4
 Green, Richard J., 35, 65–67
 Greencore, 277–278
 Greene, Harold, 58
 Greenland, 130–131, 135
 Green Paper on the Development of the
 Common Market for Telecommunica-
 tions Services and Equipment, 201,
 203–204
 Green Paper on the Liberalisation of
 Telecommunications Infrastructure and
 Cable Television Networks, 204
 Gross, W., 207–208
 Gross Domestic Product (GDP)
 measurement, xv–xvi
 Austria and, 92–94
 Denmark and, 123–124
 Finland and, 143, 147
 Ireland and, 286
 Italy and, 225, 240
 Netherlands and, 295
 Spain and, 339
 Gross National Product (GNP)
 measurement
 Austria and, 92
 Ireland and, 265, 268, 274
 Gs, 236
 Gugler, Klaus, 102
 Guinness, 268
 Guiomard, C., 267, 275
 Gutierrez, L. F., 20–21
 Gutierrez, R., 235, 239

 Haatainen, Jaana, 153
 Hancock, C., 383
 Hancock, R., 41
 Hapag-Lloyd, 205
 Hartley, K., 389
 Hattori, Toru, 28
 Hausman, J. A., 19
 Herfindahl-Hirschman Index (HHI), 30,
 58, 353
 Hjerppe, Reino, 153–154
 Hogan, William W., 75
 Holmström, Bengt, 154
 Hong Kong, 121
 Hoogovens, 296
 Horn, M., 201
 Hospitals, 97

 Finland and, 153
 Netherlands and, 290–291
 United Kingdom and, 388
 Huerta, 341
 Hukka, Jarmo, 151
 Hungary, 37–38

 IFI-Fiat, 252
 Illinois, 60
 Ilva, 231–232
 Immenga, U., 207
 Immotrust, 101
 INA, 229
 Inca International, 236
 Independent power producers (IPPs), 30
 Independent regulatory authorities
 (IRAS), 229, 249–250
 INDRA, 362
 Industry. *See also* Markets; Privatization
 Austria and, 89–111
 defense, 182–183
 Denmark and, 117–138
 Finland and, 142, 146–151
 Fondazioni and, 235, 252–254
 France and, 163–195
 Germany and, 199–220
 Ireland and, 265–287
 Italy and, 225–257
 nationalization of, 163–165
 Netherlands and, 294–295, 305 (*see also*
 Netherlands)
 political interference and, 226–227
 Spain and, 339–363
 state reentrenchment and, 251–252
 tobacco, 96–97, 229, 231
 United Kingdom and, 365–391
 Inespal, 340, 362
 Information and communications
 technology (ICT), 147, 151–152
 Inglehart, Ronald, 125
 Inisel, 340
 Initial public offerings (IPOs)
 France Telecom and, 171–179, 187, 190–
 194
 Italy and, 225
 Spain and, 342–343
 United Kingdom and, 369, 371, 386
 Innovation, 189–190
 International Air Transport Association
 (IATA), 202, 205
 International Energy Agency, 359
 International Union of Railways, 214

- Internet, 56, 191, 246, 309
- Interventionism, 266–267
- Investment
- ATX stocks and, 103–109
 - electricity and, 27–36, 63–64
 - France Telecom and, 171–177
 - gas and, 23–27
 - golden shares and, 172
 - Italy and, 229–235, 240
 - network industries and, 5–6
 - Public Utility Regulatory Policy Act (PURPA) and, 63–64
 - railroads and, 37–41
 - sequencing reform and, 19–20
 - telecommunications and, 16–17, 62–63
 - United Kingdom and, 371, 383, 385–388, 390
 - water and, 36–37
- Investor-owned utilities (IOUs), 65–67
- Ireland, xiv–xv, 28, 141–142
- Act of Union and, 267
 - agricultural issues and, 268
 - banks and, 284
 - British independence of, 266
 - Celtic Tiger era and, 265, 274
 - clientalism and, 269
 - commercial state enterprises and, 265–274
 - Commission for Energy Regulation and, 284–285
 - competition and, 280–282, 285
 - Comreg index and, 279
 - Creamery Act and, 270
 - currency exchange and, 267
 - electricity and, 267–268, 274, 281, 284–285
 - entrepreneurs and, 265–266
 - European market and, 276–277
 - FitzGerald and, 272–275
 - gas and, 281, 284–285
 - GDP of, 286
 - GNP of, 265, 268, 274
 - growth in, 265–266
 - home rule and, 266–267
 - interventionism and, 266–270
 - Lemass and, 268, 273
 - managerial class and, 269–270
 - monopolies and, 280–281
 - National Competitiveness Council and, 285
 - National Prices Commission and, 273–274
 - new economic policy of, 274–277
 - OECD and, 274, 276, 279
 - Peel and, 267
 - power purchase agreements (PPAs) and, 29
 - prices and, 271–275
 - privatization and, 274–287
 - Progressive Democrats and, 275–276
 - property rights and, 276–277
 - railroads and, 283
 - reforms and, 275–276
 - regulation and, 269, 275–276, 280–282, 284–285
 - rent-seeking and, 269
 - Soarstat and, 270
 - Socialists and, 268
 - state owned enterprises (SOEs) and, 266–267, 284–285
 - steel and, 272–273, 275
 - sugar and, 277–278
 - telecommunications and, 279–280, 285
 - trade unions and, 269, 282
 - transportation and, 270–276, 279, 282–284
 - United Kingdom and, 276
 - water and, 281
- IRI, 226–227, 231–232, 243
- Irish Continental Group, 279
- Irish Gas Board, 284
- Irish Life Assurance Company, 279
- Irish Shipping Company, 275–276, 279
- Irish Steel, 272–273, 275
- Irish Sugar Company, 277–278
- Italian Association of Internet Service Providers, 248
- Italstrade, 236
- Italy, xv–xvii, 35, 103
- banks and, 226–227, 231–232, 257
 - Ciampi Law and, 254
 - competition and, 246–248
 - Constitution of, 250–251
 - corporate governance and, 228, 239–243
 - D'Alema government and, 255
 - debt redemption fund and, 234
 - Draghi bill and, 241–243
 - electricity and, 227, 229, 231, 233, 235, 245–249, 254–255
 - external pressures in, 228
 - financial markets and, 239–243
 - Finland and, 149
 - Fondazioni* and, 235, 252–254

- gas and, 226–227, 229, 233, 235, 243, 246, 249, 252, 254–255
- GDP of, 225, 240
- golden shares and, 228
- independent regulatory authorities (IRAs) and, 229, 249–250
- industrial policy and, 251–254
- institutional structures in, 228–229
- Internet access and, 246, 248
- labor and, 226–227
- large selloffs in, 225–226
- Law 474 and, 229
- liberalization and, 239–251, 255–257, 259n18
- lira weakness and, 241
- local utilities and, 254–255
- Maastricht Treaty and, 225, 228
- Mediobanca and, 240–241
- Milan Stock Exchange and, 229–230, 240–242
- Ministry for Productive Activities and, 247
- noyaux durs and, 251
- OECD and, 225–227
- political economy and, 255–257
- political interference and, 226–227
- PPE index and, 236, 239
- prices and, 225–226, 239–240, 248
- privatization data 1993–2003, 229–235
- public enterprise sector and, 226–227
- reforms and, 241–251
- regulation and, 229, 239–240, 243–251
- selling of non-financial enterprises and, 235–239
- state owned enterprises (SOEs) and, 225–235, 243, 256
- state retrenchment and, 251–254
- steel and, 228, 231–233, 236
- subsidies and, 248
- telecommunications and, 226, 233, 236, 242–250
- Thatcher doctrines and, 257
- tobacco and, 229, 231
- transportation and, 252
- Treaty of Rome and, 228
- water and, 254–255
- Iveco, 342
- IVO group, 147
- Jaeger, A., 5
- Jaguar, 368
- Jakobsen, E. G., 274
- Jalilian, Hossein, 150
- Japan, 381
- Jones, L., 16, 19, 21
- Joskow, Paul L., 34, 63, 69
- Jospin, L., 168, 174, 181
- Kääriäinen, Seppo, 144
- Kähkönen, Liisa, 153–154
- Kahn, Alfred, 69, 74
- Kahn, E., 34
- Kaserman, David L., 58
- Kastrup Airport, 128–129
- Kasvio, Antti, 143
- Katko, Tapio S., 151
- Katsoulakos, Yannis, 100, 109
- Kaufmann, Daniel, 150
- Kay, J., 369, 379
- Kekkonen, Urho, 142
- Kemira, 142, 147
- Kennedy, D., 271
- Kennelly, J., 275
- Keogh, D., 269
- Kerry Group, 275
- Keynesianism, 93–94
- Khün, K. U., 353
- Kiel Institute for World Economics, 204–205
- Kirchhoff's laws, 215
- Kirkpatrick, Colin, 150
- Kleindorfer, Paul, 68–69, 76
- KLM, 169, 193, 252, 296, 326
- Klophaus, R., 205
- Knieps, Günter, xvii–xviii, 199–224
- Knoellinger, Carl-Erik, 142
- Kohtamäki, Vuokko, 153
- Kok, Wim, 291–292, 298–301
- Kopsakangas-Savolainen, Maria, 152
- Kornai, J., 3
- KPMG, 329–330
- KPN, xvii, 296–297, 304–311, 343
- Kraay, Aart, 150
- Kristensen, O. P., 132
- Kryolitselskabet Åresund, 130–131
- Labor, 214
- Austria and, 94, 98–101
- Finland and, 154–155
- France and, 174, 187–189
- Ireland and, 269, 273–275, 282
- Italy and, 226–227
- Netherlands and, 290, 292, 298–299
- outsourcing and, 132–134

- Labor (cont.)
 Spain and, 340–342, 356–358
 telecommunications and, 21–22, 174, 187–189
 United Kingdom and, 380–381
 United States and, 53–55
- Labour party, 3
 Ireland and, 273
 Netherlands and, 290–292, 301–302
 United Kingdom and, 365, 368–369, 388–389
- Laffont, J.-J., 18, 150, 217
- Lancaster, K., 379
- Lancaster, T. D., 343
- La Porta, Rafael, 235, 239
- Larouche, P., 312
- Lasheras, M. A., 353
- Latin America, 19–21
- Laurin, C., 387
- Lawson, N., 6, 24
- Le Coeur, P., 167
- Leddin, 268
- Lee, J. J., 269–270, 273
- Lehn, Kenneth, 239
- Lehto, Eero, 152
- Lemass, Sean, 268, 273
- Lenain, P., 22
- Leonia, 144, 147
- Levine, Ross E., 240
- Liberalization, xii, xvii–xviii
 antitrust policies and, 55–72
 Austria and, 93, 99–100
 competition and, 7–8
 definition of, 51
 Denmark and, 120–123
 EC initiatives and, 200–202
 electricity and, 33–36, 63–70, 204, 208–211, 215
 entry barriers and, 71
 Finland and, 151–155
 gas and, 26–27
 Germany and, 200–213, 218–220
 golden shares and, 5
 Green Papers and, 201, 203–204
 Ireland and, 265–287
 Italy and, 239–251, 255–257, 259n18
 lessons for, 78–81
 Netherlands and, 292, 298–305, 313–331
 network industries and, 9–13
 privatization without, 91–100
 reforms and, 51–81 (*see also* Reforms)
 regulation and, 6–9
- Spain and, 339–363
 telecommunications and, 56–63, 203–208, 211–216
 transportation and, 202–206, 212–218
 universal services and, 211–213
- Liberals, 289, 291–292, 300–301
- Licenses, 11–12, 20, 191
 competitive bidding for, 64
 Denmark and, 122–123
 electricity and, 64
 Italy and, 246–247
 telecommunications and, 191
- Likoyanni, Elisavet, 100, 109
- Lippens Company, 277
- Lipsey, R., 379
- Lipton, M., 4
- List, Frederich, 266
- Littlechild, Stephen C., 6–7, 390
- Local distribution companies (LDCs), 24–25
- Local exchange carriers (LECs), 54
- London Electricity, 4
- Long-term debt (LTD) to equity, 239
- López de Silanes, Florencio, 235, 239
- Lotteries, 183
- Louis XIV, King of France, 164
- Lovell and Christmas, 270
- Lubbers, Ruud, 291–295
- Lufthansa, 206
- Luoma, Kalevi, 153–154
- Luxembourg, 4
- Lyons, Bruce L., 155
- Maastricht Treaty, 225, 228, 342
- Maatschap Groningen, 320–321
- McAleese, D., 274
- MacAvoy, Paul, 58–59
- Macchiati, Alfredo, 241
- McDaniel, T., 29, 34–35
- McDowell, M., 276
- Macke, G., 167
- Maersk, 121
- Mäkeläinen, Ulla, 153
- Management buyouts (MBOs), 233
- Marchand, M., 13, 141–142
- Markets. *See also* Prices
 abuse in, 390–391
 Austria and, 89–111
 California crisis and, 64–69
 Catholic ethic of mistrust and, xvi
 deadweight costs and, 20
 Denmark and, 117–140

- determinants for success and, 13–16
 Finland and, 141–155
 France and, 163–195
 Germany and, 199–220
 Green Papers and, 201, 203–204
 Ireland and, 265–287
 Italy and, 225–257
 multiplier process and, 94
 Netherlands and, 289–333 (*see also*
 Netherlands)
 outsourcing and, 132–133
 regulation and, 52–55 (*see also*
 Regulation)
 Spain and, 339–363
 spectrum assignment and, 56
 Thatcher doctrines and, 257
 United Kingdom and, 365–391
- Markou, E., 383
 Martin, Stephen, 150, 379–380, 387
 Marxism, 124
 Maryland, 68
 Mason, R., 18
 Massarutto, Antonio, 255
 Mastruzzi, Massimo, 150
 Mauduit, L., 171
 Mayo, John W., 58
 MB-Funds, 153
 MDW program, 299
 Mediobanca, 240–241
 Medivire, 153
 Megginson, William L.
 Austria and, 93, 98, 101, 103
 Finland and, 150
 Ireland and, 281
 Italy and, 235, 239
 Netherlands and, 330
 Spain and, 355
 Melle, M., 355–356
 Mercury, 20
 Mercury Communications, 370
 Metso, 143, 147
 Mexico, 174, 235, 239
 Microwave transmission, 57–58
 Mietinen, Topi, 142, 144
 Milan Stock Exchange, 229–230, 240–
 242
 Milgrom, Paul, 154
 Millward, R., 150
 Minefi, 170–171, 190
 Ministry for Productive Activities, 247
 Mitchell, W. C., 379
 Mitterrand, F., 164
 MobilCom, 191
 Mobile telephony, 56, 361, 370–372. *See*
also Telecommunications
 Modified Final Judgment, 7, 57–60, 73
 Moen, Eli, 143
 Monopolies, x
 antitrust policies and, 55–72
 AT&T, 7, 52, 56–63
 British Telecom, 6–7
 cartels and, 201, 299
 competition and, 7–8
 Denmark and, 122, 127–128
 electricity and, 27–28, 63–70
 France and, 163
 gas and, 24
 Germany and, 214–215, 217
 Green Papers and, 201, 203–204
 incumbent advantage and, 58
 Ireland and, 280–281
 Modified Final Judgment and, 7, 57–60,
 73
 natural, 370
 Netherlands and, 294–295, 311
 network industries and, 5–6
 public view of, 8
 reforms and, 55–72 (*see also* Reforms)
 Sweden and, 122
 telecommunications and, 6–8, 20, 56–63
 traffic control systems and, 214–215
 United Kingdom and, 370, 373
 vertical separation and, 57–60
 Monopolies and Mergers Commission, 8,
 25
 Montefibre, 236
 Moore's law, 17
 Mueller, Dennis, 147
 Müller, J., 201
 Multiplier process, 94
 Munari, Frederico, 190, 235
 Murillo, María Victoria, 257
 Murphy, J., 282
- NAM, 320–321
 Nash, C., 38
 Nash, Robert C., 235, 355
 National Air Traffic Services (NATS), 388–
 389
 National Energy Commission, 363
 National Express, 372
 National Freight Corporation, 369–370
 National Grid, 8
 National Health Service, 369

- National Institute of Hydrocarbons, 340–341
- National Institute of Industry (INI), 339–342
- Nationalization policies, 163–165
- National Power, 8, 30
- National regulatory authorities (NRAs), 79–80
- National Stud, 284
- Natter, 235
- Neste, 141–142, 147
- Nestor Bus, 284
- Netherlands, 90, 92, 343
- asset sales policy and, 296–297
 - banks and, 294, 296, 331, 333
 - certification tasks and, 294–295
 - Christian Democrats and, 289, 291–292, 316
 - competition and, 289, 299–305, 313–330
 - Constitution and, 290
 - Dutch disease and, 291–292
 - education in, 290
 - electricity and, 313–319
 - gas and, 313, 319–322
 - GDP of, 295
 - globalization and, 292
 - government share and, 290–291
 - health care and, 290–291
 - implementation of privatization and, 293–298
 - incorporation activities and, 294
 - Internet service and, 309
 - KLM and, 169, 193, 252, 296, 326
 - Kok and, 291–292, 298–301
 - labor and, 290, 292, 298–299, 301–302
 - liberalization and, 292, 298–305, 313–331
 - Liberals and, 289–292, 300–301
 - limited liability companies and, 303–304
 - Lubbers and, 291–295
 - Ministry of Finance and, 293–294, 297, 316, 331
 - mobile telephony and, 309–310
 - monopolies and, 294–295, 311
 - network industries and, 297–330
 - NMA and, 299, 303, 313, 315, 317, 323
 - nonprofit sector of, 291
 - OECD and, 295–296
 - OPTA and, 300, 305–312
 - outsourcing and, 293–294
 - population of, 295
 - postal sector and, 310–313
 - Postbank and, 294
 - pragmatic approach of, 289–290
 - prices and, 307–308, 324
 - PTT and, 294
 - public ownership policy and, 302–305
 - public services and, 289–293
 - purple cabinet and, 298–299
 - Raad van State and, 301–302
 - real privatization and, 295–298
 - reforms and, 299–302
 - regulation and, 298–330
 - religion and, 289
 - state participation and, 297–298, 331–333
 - steel and, 296
 - Structuurregime and, 304, 318
 - telecommunications and, 296, 300, 304–310
 - transportation and, 296, 323–330
 - unique approach of, 289
 - welfare state and, 291–292
 - WRR and, 301
- Netter, Jeffrey M., 98, 101, 103, 150, 239, 281, 330
- Network industries, 4–5
- behavioral control and, 11
 - competition and, 7–8, 12–13
 - complementary parts in, 199
 - EC initiatives and, 200–202
 - electricity and, 27–36, 63–70, 204
 - entry barriers and, 71
 - German privatization of, 199–220
 - golden shares and, 5
 - Green Papers and, 201, 203–204
 - incumbent advantage and, 74–75
 - investment and, 5–6
 - lessons for, 78–81
 - liberalization and, 9–13, 200–213
 - monopolies and, 5–6
 - Netherlands and, 297–330
 - public utility commissions (PUCs) and, 52–55
 - reforms and, 51–81 (*see also* Reforms)
 - regulation/structure model and, 6–9
 - renationalization and, 3
 - success determinants for, 13–16
 - taxes and, 12–13
 - Telecom Act of 1996 and, 69
 - telecommunications and, 56–63, 203–204 (*see also* Telecommunications)
 - transportation and, 37–41, 202–203 (*see also* Transportation)
 - utility privatization and, 13–16
 - vertical separation and, 57–60, 71–72

- Network Rail, 10–11, 41, 384–385
 Newbery, David M., xiii, xvi
 Netherlands and, 303
 network industries and, 3–49, 51, 66
 United Kingdom and, 380
 New Electricity Trading Arrangements (NETA), 32
 New England, 68
 New Jersey, 68
 New York, 60, 68
 New Zealand, 22
 NIB Capital Bank, 296
 Nicoletti, Giuseppe, 205, 244, 250
 Niskanen, W. A., 90
 Niskanen, W. A., Jr., 379
 NMa, 299, 303, 313, 315, 317, 323
 Nokia, 143, 148
 Nonprofit organizations, 131–132
 North Sea, 7, 23–25, 122–123
 Norway, 5, 63, 122, 152
 Nowotny, E., 94, 99, 102, 112n17
 NRC (newspaper), 301
 NS railroads, 323–327
 Nuclear Electric, 8
 Nuclear energy, 63
 Nuovo Pignone, 236

 Office of Fair Trading, 8, 370
 Office of Telecommunications (OFTEL), 18, 20, 370–371, 390
 Oglietti, Andrea, 249
 O’Leary, 268
 Olivetti, 241–242, 252
 O’Mahony, M., 381
 O’Maitiu, S., 268
 Omistuspohjan laajentaminen, 141
 OMV, 101
 ONP framework, 305–306
 OPTA, 300, 305–312
 Oresund Bridge, 123
 Organization for Economic Cooperation and Development (OECD), 21, 188
 Austria and, 100–101, 109
 Denmark and, 121
 Germany and, 205
 Ireland and, 274, 276, 279
 Italy and, 225–227
 Netherlands and, 295–296
 Spain and, 339
 Telecommunications Act of 1996 and, 22
 transportation and, 205

 Österreichische Industrieholding AG (OeIAG), 96, 98, 102–103, 110–111
 Österreichische Postsparkasse AG, 96–97
 Österreichische Staatsdruckerei GmbH, 96
 Other licensed operators (OLOs), 246
 Outokumpu, 142, 144
 Outsourcing, 132–134, 293–294
 Owen, Bruce M., 62
 Ownership, x–xi, 3
 Austria and, 89–111
 behavioral control and, 11
 competition and, 7–8
 consanguinity and, 176
 Conservative Manifesto of 1979 and, 23–24
 definition of, 117
 Denmark and, 117–140
 efficiency and, 19
 electricity and, 27–36
 EPIC and, 172–173
 Finland and, 141–155
 foreign control and, 102
 France and, 163–195
 gas and, 23–27
 Germany and, 199–220
 golden shares and, 5
 Ireland and, 265–287
 Italy and, 225–257
 licenses and, 11–12
 Marxism and, 124
 Netherlands and, 289–333 (*see also* Netherlands)
 regulation and, 6–9 (*see also* Regulation)
 residual rights and, 10–11
 Spain and, 339–363
 state retrenchment and, 251–254
 subsidies and, 5
 telecommunications and, 4–5, 16–23
 transportation and, 9–10, 37–41
 United Kingdom and, 365–391

 Padoa-Schioppa, Tommaso, 257
 PAI, 236
 Paldam, Martin, xvii, 117–140
 Paltridge, S., 22
 Pareto welfare, 388
 Paris Bourse, 168
 Parker, David, xvii, 16, 37, 141, 150–151, 365–398
 Pechiney, 176–177
 Peel, Robert, 267
 Pennsylvania, 68

- Pera, Alberto, 255
- Perotti, Enrico, 108–109
- Pérotin, Virginie, 149
- Peters, Wolfgang, 143
- Petretto, 249
- Phillips, Almarin, 59
- Picquet, 177
- PinkRoccade, 296
- Pint, Ellen M., 150
- Pirelli, 241–242
- Pirttinen, Susanna, 153
- Pogorel, Gérard, xv–xvi, 163–197
- Pohjola, Matti, 142
- Points of presence (PoPs), 54
- Policy
- antitrust, 52–72
 - Austria and, 89–111
 - Ciampi Law and, 254
 - Competition Act and, 390
 - Conservative Manifesto of 1979 and, 23–24
 - Creamery Act and, 270
 - Denmark and, 117–140
 - Draghi bill and, 241–243
 - duopoly, 21
 - Energy Policy Act and, 64, 204
 - Enterprise Act and, 390
 - EU directives and, xi–xiii
 - Federal Energy Regulatory Commission (FERC) and, 52–53, 63–64, 68–69
 - Finland and, 141–155
 - France and, 163–195
 - Full Competition Directive and, 204
 - Germany and, 199–220
 - Green Papers and, 201, 203–204
 - interventionism and, 266–270
 - Ireland and, 265–287
 - Italy and, 225–257
 - Keynesian, 93–94
 - liberalization and, 99, 239–251 (*see also* Liberalization)
 - Modified Final Judgment and, 7, 57–60, 73
 - nationalization, 163–165
 - Netherlands and, 289–333 (*see also* Netherlands)
 - New Electricity Trading Arrangements (NETA) and, 32
 - pragmatism and, 289–290
 - public expenditure, 3
 - Public Utility Regulatory Policy Act (PURPA) and, 63–64, 67, 73
 - reforms and, 51–81, 299–302 (*see also* Reforms)
 - Spain and, 339–363
 - Telecommunications Act of 1981 and, 20
 - Telecommunications Act of 1996 and, 22, 54, 60–61, 69, 74
 - Telecommunications Bill and, 370
 - Treaty of Rome and, 201, 228
 - United Kingdom and, 365–391
 - Utilities Act 2000 and, 383
- Politics
- Austria and, 89–111
 - Christian Democrats and, 289, 291–292, 316
 - clientalism and, 269
 - Communists and, 181
 - Conservative-Liberals and, 133
 - Conservatives and, 23–24, 339, 348–354, 371, 388–389
 - Denmark and, 117–140
 - electricity and, 68–69
 - Finland and, 141–155
 - France and, 166–170
 - interventionism and, 266–270
 - Ireland and, 266–267
 - Italy and, 226–227
 - Labour Party and, 3, 273, 290–292, 301–302, 365, 368–369, 388–389
 - Liberals and, 289, 291–292, 300–301
 - Marxism and, 124
 - Netherlands and, 289–290
 - Progressive Democrats and, 275–276
 - services to voters and, 6
 - Social Democrats and, 121–122, 128, 134, 340
 - Socialists and, 164–165, 168, 174, 268, 339–347
 - subsidies and, 17–18
 - unemployment and, 94
- Pollitt, M. G.
- network industries and, 27, 30, 33, 36, 39
 - United Kingdom and, 380, 384, 387
- Pommerehne, Werner W., 150
- Pontarolo, Enzo, 249
- Portugal, 90, 92, 310, 359
- Postal service, 284
- Germany and, 203, 206
 - Netherlands and, 310–313
 - United Kingdom and, 311, 372, 388
- PostBank, 129, 203, 294
- Postisäästöpankki, 142

- Power exchange (PX), 65
- PowerGen, 8, 30
- Power purchase agreements (PPAs), 29, 32–33
- Power purchase parities (PPPs), 359
- PPE (property plants and equipment), 236, 239
- Prévoit, H., 174
- Prices
- competition and, 18–19
 - deadweight costs and, 20
 - Denmark and, 128
 - elasticity and, 18–19
 - electricity and, 30, 63, 66–70
 - excessive volatility and, 248
 - France and, 167, 184–186, 191–193
 - gas and, 24
 - Germany and, 201–202, 205–211, 219
 - Hirschman-Herfindahl Index (HHI) and, 30
 - incumbent advantage and, 74–75
 - Ireland and, 271–275
 - Italy and, 225–226, 239–240, 248
 - local telephony and, 60–61
 - long-distance telephony and, 58–59, 62
 - Moore's law and, 17
 - Netherlands and, 307–308, 324
 - peak-load pricing and, 66
 - politics and, 68–69
 - railroads and, 39–40
 - real-time, 63, 69–70
 - regulatory credibility and, 16
 - Retail Price Index and, 7, 19
 - sequencing reform and, 19–20
 - social contract pricing and, 211
 - Spain and, 358–361
 - success determinants and, 13–16
 - telecommunications and, 16–18
 - time-of-day metering and, 66
 - United Kingdom and, 382–386
 - water and, 36–37
- Principal-agent theory, 379
- Print Media Austria AG, 96
- Private finance initiatives (PFIs), 389
- Privatization, ix, xv–xviii, 44
- ATX stocks and, 103–109
 - Austria and, 89–111
 - capacity utilization and, 28
 - center-right coalition and, 96–98
 - corporate performance and, 101–103
 - definition of, x–xi, 4–6, 51, 117, 199–200, 291
 - Denmark and, 117–140
 - endogeneity and, 4
 - euro effects and, 92–93
 - Finland and, 141–155
 - France and, 163–195
 - Germany and, 199–220
 - income and, 170–171
 - Ireland and, 274–287
 - Italy and, 225–257
 - labor and, 100–101, 187–189
 - liberalization and, 9–13 (*see also* Liberalization)
 - metric for, xviii–xix
 - Netherlands and, 289–333 (*see also* Netherlands)
 - network industries and, 3–44, 298–305
 - nonprofit organizations and, 131–132
 - perceptions of, 41–43
 - property rights approach and, 90
 - public choice approach and, 90
 - public enterprises and, 89–90, 226–227
 - restructuring and, 146–151
 - risk-aversion and, 141–142
 - share issue (SIPs), 103
 - small, open economies and, 90–93
 - Spain and, 339–363
 - success determinants for, 13–16
 - telecommunications and, 16–23
 - United Kingdom and, 4, 51–52, 365–391
 - United States and, 51–81
- Progressive Democrats, 275–276
- Property rights approach, 90
- ProRail, 326
- Providence, 308
- PTT, 294, 306, 311
- Public choice approach, 90, 379
- Public enterprises, 89–90, 226–227
- Public good, 193
- Public-private partnerships (PPPs), 388–389
- Public switched telephone networks (PSTNs), 248
- Public utility commissions (PUCs)
- Energy Policy Act of 1992 and, 64
 - nuclear energy and, 63–64
 - reforms and, 52–55, 58, 76, 80
 - Telecom Act of 1996 and, 60–61
- Public Utility Regulatory Policy Act (PURPA), 63–64, 67, 73
- Qualified generation facilities (QFs), 63–64

- Raad van State, 301, 302
 Radio, 183, 285
 Raffarin, Jean-Pierre, 168–169, 181
 RAI, 229
 Railinfrabeheer NV, 325
 Railned BV, 325
 Railroads, 9, 73, 78, 301
 commuter travel and, 38
 Denmark and, 129
 European Union and, 200
 Foster Yeoman and, 200
 France and, 163
 freight traffic and, 37–38
 Germany and, 202–203, 213–218
 inflation and, 324
 Ireland and, 283
 maintenance and, 40–41
 Netherlands and, 323–326
 network industries and, 37–41
 Office of Rail Regulation (ORR) and, 39
 OPRAF and, 39
 privatization and, 37–41
 reforms and, 202–203
 regulation and, 37–41
 Strategic Rail Authority (SRA) and, 39
 United Kingdom and, 371, 384–385
 Railtrack, 9–10, 39, 41, 384–385
 Rasmussen, Poul Nyrup, 124
 Rauma, 147
 Rautaruukki, 141–142, 144
 Rees, Ray, 142–143
 Reforms
 antitrust policies and, 52–72
 asymmetric regulation and, 76
 Austria and, 98
 California crisis and, 64–69
 capacity allocation and, 215–218
 electricity and, 63–70
 failure of, 77–78
 Federal Energy Regulatory Commission (FERC) and, 52–53, 63–64, 68–69
 Finland and, 151–155
 Germany and, 202–203, 213–218
 infrastructure management and, 213–218
 Ireland and, 275–276
 Italy and, 241–251
 lessons from, 78–81
 market predictions and, 71–72
 Modified Final Judgment (MFJ) and, 7, 57–60, 73
 Netherlands and, 299–302
 politics and, 77
 Public Utility Regulatory Policy Act (PURPA) and, 63–64, 67, 73
 railroads and, 202–203
 reasons for, 72–73, 77–78
 success determinants and, 73–77
 Telecom Act of 1996 and, 54
 telecommunications and, 19–20, 51, 56–63, 213–218
 total deregulation and, 78–79
 U.S. regulatory system and, 52–55
 utility prices and, 74–78
 Regibeau, P., 353
 Regierungskommission Bundesbahn, 203
 Regional public transport authorities (RTAs), 327–329
 Regional transmission organizations (RTOs), 64
 Regnecentralen, 130
 Regulation. *See also* Liberalization
 adjudication mandates and, 52
 asymmetric, 76
 Austria and, 97–99
 California crisis and, 64–69
 conduct, 246–249
 cost-of-service, 6–7
 credibility and, 16
 division of labor and, 53–55
 dual, 53
 electricity and, 30, 33–36
 entry barriers and, 71
 Federal Communications Commission (FCC) and, 52–55
 Federal Energy Regulatory Commission (FERC) and, 52–53, 63–64, 68–69
 federal vs. state, 53, 80
 Finland and, 152
 France and, 167, 177–179, 181
 Germany and, 200–202, 217–220
 governance, 249–251
 independent regulatory authorities (IRAs) and, 229, 249–250
 Ireland and, 269, 275–276, 280–285
 Italy and, 229, 239–240, 243–251
 Modified Final Judgment (MFJ) and, 7, 57–60, 73
 national regulatory authorities (NRAs) and, 79–80
 Netherlands and, 291–292, 298–330 (*see also* Netherlands)
 new service delays and, 19
 performance-based, 77
 preemption and, 55

- public utility commissions (PUCs) and, 52–55
- Public Utility Regulatory Policy Act (PURPA) and, 63–64, 67, 73
- railroads and, 37–41
- reforms and, 19–20, 51–81 (*see also* Reforms)
- Spain and, 349–354
- structure, 6–9, 244–246
- telecommunications and, 18–19, 54, 56–63, 69, 72, 74, 79
- Thatcher and, 6–7
- total deregulation and, 78–79
- U.S. system and, 52–55, 80–81
- vertical separation and, 57–60
- water and, 36–37
- Reliant, 314
- Religion, 193, 289
- Renault, 163–164, 180–181
- Report of the Enquiry into Electricity Prices, 274
- Repsol, 341, 348, 356, 362
- Research and Development (R&D)
- Austria and, 98
 - Finland and, 143, 147, 155
 - France and, 187
- Réseau Ferré de France, 178
- Retail Price Index, 7, 19
- Reyrey, P., 18
- Ribus, 134
- Rikkihappo, 142
- Riva, 252
- Rodríguez, J. A., 343
- Rohlf, Jeffrey, 55
- Roller, L.-H., 17
- Roskilde Airport, 128–129
- Rover, 369
- Royal Deer Park, 130
- Royal Greenland Trading Company, 131
- RTE, 285
- Ruding, Onno, 291–292
- RVC, 304
- RWE, 108, 318
- Ryanair, 205–206, 271
- Saab-Valmet, 141–142
- Saal, David S., 37, 151, 391
- Salminen, Ari, 144, 146, 153
- Sampo, 147
- Sanchís, J. A., 355
- Saorstat, 270
- Sappington, D. E., 10–11
- Saraceno, Pia, 248
- SAS airlines, 122, 128–129
- Savio Macchine Tessili, 236
- SBC, 127
- Scarpa, Carlo, 248
- Schaffhauser-Linzatti, Michaela, 101–102, 150
- Schleusener, M., 205
- Schmalensee, Richard, 63
- Schmidt, Klaus M., 150
- Schneider, Freidrich, xii, xv–xvi, 89–115, 147, 150
- Schneider, V., 5
- Schwarz-Schilling, C., 207
- Schwepe, Fred, 63
- Scotland, 8, 32–33, 274
- SEAT, 342, 362
- Semperit AG, 101
- Sequencing reform, 19–20
- Serra, Pablo, 235, 239
- Shaoul, J., 381, 387–388
- Share, B., 270
- Share issue privatizations (SIPs), 103
- Shell, 320
- Shleifer, A., 379
- Sicily, 251
- Simkins, C., 4
- Siniscalco, Domenico, 97, 109, 242
- Sinn, G., 200
- Sinn, H.-W., 200
- Sisu, 141–142, 144
- SIV, 236
- Smith, A. J. S., 38–39
- Smith, A. S. J., 384
- Smith, Douglas W., 64
- Smith, Warrick, 250
- SNAM, 246, 248
- SNCF, 178, 182
- SNECMA, 183
- Social contract pricing, 211
- Social Democrats, 121–122, 128, 134, 340
- Socialists
- France and, 164–165, 158, 174
 - Ireland and, 268
 - Socialist Workers Party (PSOE), 340–342
 - Spain and, 339–347
- Società di Gestione del Risparmio, 254
- Società Italiana per Condotte d'Acqua, 236
- Société Marseillaise de Crédit, 171
- Sonera, 152
- South Africa, 4
- Soviet Union, 24

- Spain, xiii–xvi, 103, 245
 capitalism and, 349
 competition and, 341–342, 352–354
 Conservatives and, 339, 348–354
 Consultative Council on Privatizations (CCP) and, 348
 consumer satisfaction and, 359, 361
 denationalization and, 341
 electricity and, 349, 352–353, 358–362
 European directives and, 349, 352–354
 Franco dictatorship and, 339–340
 full privatization and, 348–349
 gas and, 356, 358–362
 GDP of, 339
 labor and, 340–342, 356–358
 Maastricht Treaty and, 342
 National Institute of Hydrocarbons and, 340–341
 National Institute of Industry (INI) and, 339–342
núcleos duros and, 343
 OECD and, 339
 performance effects in, 354–361
 Plan of Restructuring and Reindustrialization and, 342
 prices and, 358–361
 Program of Convergence and, 343
 public enterprise sector and, 339–341, 348, 354
 regulation and, 349–354
 reorganization and, 340–341
 Royal Decree Laws and, 342–343, 352
 Social Democrats and, 340
 Socialists and, 339–347
 State Corporation for Industrial Participations (SEPI) and, 343, 349
 State Corporation for Property Participations (SEPPA) and, 348
 State Industrial Agency (AIE) and, 343
 state owned enterprises (SOEs) and, 339–354
 steel and, 362
 stock exchange and, 349
 taxes and, 359
 technological levels in, 342, 358, 362
 telecommunications and, 341, 348, 352–353, 356–362
 utilities sectors and, 356–358
 water and, 361
 Spanish Association of Consumers and Users, 359
 Spaventa, Luigi, 242
 Spectrum assignment, 56
 Spence, A. Michael, 154
 Spoorwegwet, 323
 Sprint, 174
 Stark, T., 286–287
 State Corporation for Industrial Participations (SEPI), 343, 349
 State Corporation for Property Participations (SEPPA), 348
 State Industrial Agency (AIE), 343
 State-owned enterprises (SOEs), x–xi, xvii–xviii
 Austria and, 102
 contract specifications and, 11–12
 Denmark and, 122–131
 Finland and, 141
 France and, 163–165, 179–183
 golden shares and, 5
 Ireland and, 266–267, 284–285
 Italy and, 225–235, 243, 256
 Netherlands and, 294, 304–305, 330
 Spain and, 339–354
 United Kingdom and, 365–372
 State Port Authority of IJmuiden, 294
 Statistisches Bundesamt, 207
 Steel, 99
 Ireland and, 272–275
 Italy and, 228, 231–233, 236
 Netherlands and, 296
 Spain and, 362
 Steiner, Faye, 28
 Stern, P., 16
 Stet, 245
 Stiglitz, Joseph, 10–11, 143
 STMicroelectronics, 252
 Stock leasing companies, 9
 Stora, 149
 Stora-Enso, 143, 147
 Strategic Rail Authority (SRA), 39
 Stumpf, U., 207
 Subsidies, 5
 Denmark and, 130
 France Telecom and, 170
 Germany and, 212–213
 Italy and, 248
 telecommunications and, 17–18
 transportation and, 212–213
 Sugar, 270, 277–278
 Sulamaa, Pekka, 152
 Sung, Nakil, 152
 Suomen Posti, 152
 Sutherland, Roy, 68

- Sweden, 5, 38, 122, 132, 151–152
 Swedish State Liquor Monopoly, 122
 Sweeting, A., 30
 Switzerland, 5, 217, 274
- Tabacalera, 348
 Talbot, C., 391
 Tandon, P., 16, 19, 21
 Tardiff, T., 19
 Taxes, 3, 43
 Austria and, 94
 network industries and, 12–13
 Spain and, 359
 United Kingdom and, 368, 380, 386–388
 Taxis, 282
 Taylor, William E., 152
 Telecom Italia (TI), 226, 233, 236, 242–250
 Telecommunicatiewet, 306
 Telecommunications, ix, xvi–xvii, 73
 asymmetric regulation and, 76
 AT&T and, 7, 19, 52, 56–63
 Austria and, 96, 99, 103, 111, 359
 calling party pays (CPP) system and, 310
 competition and, 18–21, 23, 60–61
 deadweight costs and, 20
 Denmark and, 124, 127–128
 deregulation of terminal equipment and, 57
 duopoly policy and, 21
 Federal Communications Commission (FCC), 18, 52–55, 58, 60–62, 72, 212
 Finland and, 143, 147–148, 151–152
 France and, 166, 170–172, 178–179, 183, 186–193
 Germany and, 97, 174, 191, 203–208, 211–218
 Green Book on, 174
 Green Papers and, 201, 203–204
 international expertise and, 16–17
 investment and, 16–17, 62–63
 Ireland and, 279–280, 285
 Italy and, 226, 233, 236, 242–250
 labor productivity and, 21–22
 liberalization and, 206–208
 licenses and, 191
 local exchange carriers (LECs) and, 54
 long-distance telephony and, 57–60, 62
 as luxury service, 17
 microwave transmission and, 57–58
 Modified Final Judgment (MFJ) and, 7, 57, 57–60, 73
 monopolies and, 6–8
 Moore's law and, 17
 Netherlands and, 296, 300, 304–310
 network industries and, 16–23
 OFTEL and, 370
 ONP framework and, 305–306
 ownership and, 4–5
 PoPs and, 54
 prices and, 16–18
 privatization and, 16–23
 reforms and, 19–20, 51, 56–63, 51, 213–218
 regulation and, 16, 18–19
 Spain and, 341, 348, 352–353, 356–362
 spectrum assignment and, 56
 subsidies and, 17–18
 sustainability and, 23
 Telecommunications Act of 1981 and, 20
 Telecommunications Act of 1996 and, 22, 54, 60–61, 69, 72, 74, 79
 Telecommunications Bill and, 370
 United Kingdom and, 6–7, 16, 18, 20–22, 201, 370–372, 380–382, 387, 390
 Telecommunications Act 1981, 20
 Telecommunications Act of 1996, 22, 54–55, 60–61, 69, 72, 74, 79
 Tele Denmark, 124, 127–128
 Telefónica, 341, 348, 353, 356, 359, 362
 Telekom Austria, 96, 111, 359
 Telekom Service GmbH & Co. KG, 97
 Telenokia, 143
 Televa, 143
 Television, 20, 56
 France and, 166, 183, 190
 Germany and, 217–218
 Green Papers and, 204
 Ireland and, 285
 Netherlands and, 308–309
 United Kingdom and, 371
 Telia, 152
 TenneT, 314, 316
 Teollisuuden Voima, 151
 Texas, 68
 Thatcher, Margaret, x–xi, xvii, 6–7, 257, 365
 Thatcher, Mark, 250
 Thisse, J. F., 13, 141–142
 Thompson, D. J., 369, 379
 Thomson, 171, 190
 Thyssen Krupp, 143
 Tichy, Gunther, 147
 Time-of-day metering, 66
 Tinbergen, Jan, 290

- Tirole, J., 18, 150, 217
 Tobacco industry, 97, 229–230
 TPG, 296, 304–305, 311–313
 Train operating companies (TOCs), 9, 39
 Transportation, ix–x, xiii, xv–xvii, 71–72, 78
 airlines and, 73 (*see also* Airlines)
 buses, 284, 326–330, 372
 CCGT stations and, 27–28
 Denmark and, 121–123, 128–129
 Finland and, 141–142
 Foster Yeoman and, 200
 France and, 163, 168–169, 171, 179, 183, 190, 193
 Germany and, 202–206, 211–218
 Ireland and, 270–276, 279, 282–284
 Italy and, 252
 liberalization and, 202–206
 Netherlands and, 296, 323–330
 network industries and, 199
 OECD and, 205
 railroads, 37–41 (*see also* Railroads)
 shipping, 275–276, 279, 369
 taxis, 282
 trucking and, 73
 United Kingdom and, 9–10, 40–41, 179, 276, 301, 328, 368–372, 384–385, 389
 Treaty of Rome, 201, 228
 Tremonti, Giulio, 257
 Trento, Sandro, 225
 Trucking, 73
 Tsutsui, Miki, 28
 Tubi Ghisa, 236
 Tullock, G., 379
 Turkey, 22
 Two-firm concentration ratios (CR2), 353
 TXU, 32
 Typpi, 142
 Tyrrell, D., 384

 UMTS auction, 309
 UNi-C, 130
 Union pour un Mouvement Populaire, 167
 United Kingdom, ix, xiv, 103, 200, 202, 217, 235
 cautious approach of, 368–369
 CCGT stations and, 27–28, 30
 competition and, 369–372, 382–385, 390–391
 Conservatives and, 371, 388–389
 distribution of gains and, 385–388
 economic efficiency and, 373–382
 education and, 388
 electricity and, 28–29, 63, 69, 371, 382–383
 Enterprise Act and, 390
 EU directives and, 372
 Finland and, 149
 Gallagher Group and, 97
 gas and, 7–8, 26, 371, 380–381
 health care and, 369, 388
 inflation and, 391
 Ireland and, 266, 268, 276
 labor and, 380–381
 Labour Party and, 365, 368–369, 388–389
 lessons from, 388–391
 monopolies and, 370, 373
 National Health Service and, 369
 OFTEL and, 370–371, 390
 Pareto welfare and, 388
 performance results of, 373–388
 postal service and, 311, 372, 388
 prices and, 382–386
 productivity measure of, 373–388
 railroads and, 9–10
 revenue issues and, 368–369
 sell-off forms and, 369–370, 386–387
 service sector and, 382–385
 stock market and, 372, 386
 taxes and, 368, 380, 386–388
 telecommunications and, 6–7, 16, 18, 20–22, 201, 370–372, 380–382, 387, 390
 Thatcher and, x–xi, xvii, 6–7, 257, 365
 transportation and, 9–10, 40–41, 179, 276, 301, 328, 368–372, 384–385, 389
 Utilities Act 2000 and, 383
 water and, 371, 381–383
 United States, 202, 381
 Aer Lingus and, 284
 AT&T and, 7
 California electricity crisis and, 27, 34, 64–69, 73–74, 77–78, 315
 division of labor and, 53–55
 Federal Communications Commission (FCC), 18, 52–55, 58, 60–62, 72, 212
 Federal Energy Regulatory Commission (FERC) and, 52–53, 63–64, 68–69
 gas and, 24–26
 Modified Final Judgment and, 7
 new service delays and, 19
 public utility commissions (PUCs) and, 52–55
 regulatory system of, 52–55, 80–81
 sector reforms and, 51–81

- Telecommunications Act of 1996 and, 22, 54, 74
 Tele Denmark and, 127–128
 United States Congress, 53
 United States Department of Justice, 58
 United States Supreme Court, 53, 55
 Universal services, 152, 191, 211–213
 University College, Dublin, 276
 UPC, 308
 Usinor, 171, 190
 Utilities, xiv–xvi
 electricity and, 27–36 (*see also* Electricity)
 Federal Energy Regulatory Commission (FERC) and, 52–53, 63–64, 68–69
 gas, 5–6, 23–27 (*see also* Gas)
 incumbent advantage and, 74–75
 investor-owned (IOUs), 65–67
 network industries and, 13–16
 ownership and, 4–5 (*see also* Ownership)
 public utility commissions (PUCs) and, 52–55
 Public Utility Regulatory Policy Act (PURPA) and, 63–64, 67, 73
 reforms and, 51–81 (*see also* Reforms)
 success determinants for, 13–16
 water, 5–9, 36–37, 41, 254–255, 281, 361, 371, 381–383

 Vaciago, Giacomo, 248, 251
 Valentia, 280
 Valmet, 141–147
 Value-added network services (VANS), 203–204
 Vanaja, 141–142
 van Damme, Eric, 289–337
 van Miert, Karel, 200
 van Randenborgh, Matthias, 235, 355
 Vattenfall, 151
 Veitsiluoto, 142, 147
 Verboven, F., 307
 Verbundgesellschaft, 104, 106
 Vergés, J., 349, 353
 Verkeersleiding BV, 325
 Vermont, 274
 Vertical separation, 57–60, 71–72
 Vickers, John, 3, 7, 11, 21, 51, 379
 Viinamaki, Olli-Pekka, 144, 146, 153
 Vila, J. L., 66
 Villalonga, Belén, 235, 355, 362
 Vining, Aidan R., 110
 Vishny, R. W., 379
 Vivendi, 328

 Vodafone, 191
 VOEST, 99
 Voestalpine Eisenbahntechnik, 101
 Voestalpine Stahl AG, 99, 101, 104, 106, 108
 Voestalpine Technologie, 101
 Vogelsang, Ingo, x, 16, 19, 21, 51–85, 201–202
 Voith, 101
 Volkswagen, 342
 Vollsortimenter, 207–208
 Voluntary Health Insurance Company, 285
 von der Fehr, N.-H., 33
 VR Group, 152–153
 VSN, 327–328
 VVD, 300

 Waddams-Price, C., 41, 383
 Wales, 8, 28, 34, 380, 385
 Wallsten, Scott, 19–20
 Water, 8–9, 41
 Ireland and, 281
 Italy and, 254–255
 network industries and, 36–37
 privatization and, 36–37
 Spain and, 361
 United Kingdom and, 371, 381–383
 Water Industry Act 1991, 36–37
 Watkiss, Jeffrey D., 64
 Waverman, L., 17, 19
 Weber's Protestant ethic, xv
 Welfare
 Denmark and, 117, 121–122
 Finland and, 154–155
 Netherlands and, 291–292
 United Kingdom and, 388
 Wellenius, B., 16
 Western Electric, 57
 Wetenschappelijke Raad voor het Regeringsbeleid (WRR), 301
 Wet Personenvervoer, 326–327
 Weyman-Jones, T., 380
 White, Peter J., 153
 Wijffels Committee, 323
 Wilcoxon rank sum test, 236
 Willner, Johan, xviii, 13, 141–162
 Wilson, Robert, 68
 Windisch, R., 201
 Winston, Clifford, 330
 Wolak, Frank A., 65
 Wolff, B., 265, 277

- Wolfram, Catherine, 68
- World Bank, 141
- World Trade Organization (WTO), 18
- World Value Survey, 125–126
- Wu, H. S., 382
- Würtz, A., 133

- Yarrow, G., 3, 7, 11, 379
- Yello, 209
- Young, A., 383

- Zalm, G., 297
- Zealand, 123
- Zimmer, C., 215
- Zingales, Luigi, 241
- ZINPOR, 92
- Z-statistic, 236