Index

Afsa, C.
observation of decline of students leaving basic education without qualifications in France 191
agriculture 74, 281
trepreneurship in 244
Alves, N.
analysis of impact of taxation and social transfers in Portugal 460
Amar, E. 192
Antall, József 284
Atkinson, A.B. 66, 117
analysis of development of Swedish middle class 545
observations of income polarization in Italy 368
Austria 149
immigrant employment in 41
median disposable household income in 330
middle class of 30
wage trends in 26
Baccaro, L. 326
Belgium 8, 10, 33, 112, 155
Brussels Capital Region 121–3
central government debt of 125
collective bargaining coverage in 28
economy of 112
education attainment levels in 38, 144

tertiary 152
employment rates in 129–30
elderly 132
female 40, 129–31, 135, 151, 154
occupational structure in 134–5
self-employment 132–3, 140
temporary employment 133–4
Federal Public Service (FPS)
Economy, Statistics Belgium (2014) 138
Flanders 122
Flemish population of 121, 123
Flemish Region 123, 144
government debt of 141
labour market of
impact of immigration on 149–50
manufacturing sector of 135, 153
middle class 112–14, 116, 121–2, 139–40, 149, 151, 153–5
disparities in attainment 119–29, 139–40
polarization in 116–17, 134–5
relationship with education level 39
role of social dialogue in 43
wealth accumulation of 117–18
social dialogue in 139
taxation system of 36, 141–2, 145–6, 155
child benefits 143–4
‘Matthew effect’ 142, 146, 148
‘Woonbonus’ 145
‘Work Bonus’ 143
temporary employment in 21
trade unions in 153
unemployment rate in 125
wages 140, 154
compression 137–8
evolution of 138–9
gross minimum 138
trends 26
Walloon population of 121, 123
welfare system of 151–4
asset-based approach 144–5
Belgian Service Voucher Scheme 145–8
youth unemployment rate in 19
NEET 120
Bertelsmann Foundation 26
Bison, I.
estimation of social fluidity in Italy 382–3
Europe’s disappearing middle class?

Blanchflower, D.G. 132
Bosnia-Herzegovina
refugees from 574
Brandolini, A. 66, 117
analysis of development of Swedish
middle class 545
observations of income polarization
in Italy 368
Browne, J.
observation of relationship of
taxation and benefits 612
Bulgaria
income inequality in 247, 442
Gini coefficient 442
temporary employment in
involuntary 22
capital 403, 508
cultural 72
deployment of 145–6
human 68, 516
loss of 87
physical 62
taxation of 84
Catholic Church 510, 515
Centro de Investigaciones Sociológicas
(CIS) 521
Chauvel, L.
observation of status societies 380–81
Christopoulou, R.
observation of Greek net public
sector premium 270
Cold War 198, 284
collective bargaining 24, 275, 422–3,
426
decentralization of 262–3
free 224–5, 229
impact of NSFE on 27
limited 43
multi-tier 153
public sector 27–8
weakening of 27–9
command economy 62
construction
self-employment in 78–9
Consumer Price Index 332
Corluy, V.
observation of unemployment/
inactivity amongst immigrant
households 119
Council of Europe 6
credit 7, 119
access to 619
mortgage 345
Croatia 299
middle class of 26
Culpepper, P.
observation of social pact issues in
Republic of Ireland 329
Cyprus 149
middle class of 15, 30
polarization 11
taxation system of 36
temporary employment in
involuntary 22
Czech Republic 10, 24
education attainment levels in 38
emigration of doctors 42
middle class of 15
wage development in 293
Dallinger, U.
analysis of development of middle
class 546
debt 6–7, 345, 348, 430, 617
bank 303
concentration of 27
government of 141
household 324, 617–18
role in wealth accumulation 117
sovereign 462
Democratic Republic of Congo 149
Denmark
immigrant employment in 41
income inequality in 591
labour market participation in 19
middle class of 13, 30, 546
erosion 10
relationship with education level
39
public sector of
employment levels 291
taxation system of 35–6
Dwyer, Rachel
role in development of ‘jobs
approach’ 508
education 44, 102–4, 484, 488
attainment levels 38, 190, 373, 457–8
Index 635

expenses 39
Gini levels 80
pupil/teacher ratios 99
relation to income group 37–9, 79–80
secondary 38, 286–7
social status of teachers 102
tertiary 38, 152, 526–7
wages of teachers 101–3
Ekberg, J. 574
Elming, W.
observation of relationship of taxation and benefits 612
entrepreneurship 78
agricultural 244
Erikson–Goldthorpe–Portocarero class schema (EGP) 214–15
benefits of use 215–16
concept of 214
Esping-Andersen, G. 543
Estanque, E.
view of development of Portuguese middle class 453
Estonia 9, 65, 70–71, 80, 83
education system of 98–9, 103–4
Programme for International Student Assessment (PISA) 102–3
pupil/teacher ratio 99
teacher wages 101–2
emigration from 99–100
GDP per capita 65
Gini coefficient of 63
labour supply in changes in 79
middle class of 10, 13, 15, 30, 66–8, 72, 98, 104–6
income inequality 69
migrant population of 68–9
Ministry of Education and Research 99–100, 102, 106
General Education Department 98–9
National Audit Office 101
occupational structure in 76
share of means-tested benefits in 83
taxation system of 83–4
transition processes in 74
union density in 84
wage inequality in 80
gender pay gap 82–3
Estonian Education Staff Union 102–3
Estonian Labour Force Survey 70
Eurobarometer 70–71, 126
Eurofound
analyses of employment growth 184, 508
European Central Bank (ECB) 524
austerity policies implemented in Greece 244, 261, 267, 269, 275
European Commission 3, 524
austerity policies implemented in Greece 244, 261, 267, 269, 275
personnel of 3–4
European Community Household Panel (ECHP) 114, 247–8, 254, 258, 265
survey items in 342
European Free Trade Association (EFTA)
emigration to countries of 88
European Social Fund (ESF) 87
European Union (EU) 6, 80, 114, 149, 152, 168, 186, 324, 361, 385, 442, 482, 487, 495, 517, 573
directives of 224
labour market of impact of non-EU migrants on 253–4
opening of 65
member states of 9–10, 31, 74, 87, 105, 150, 244, 263, 279, 294, 300, 317, 453, 459–60, 486–7, 491–2, 516, 522, 527, 553
accession 82, 87, 454
income inequality amongst 67
occupational structures in 78
temporary employment in 21
unemployment rates in 125
Poverty and Social Exclusion target 328, 341
Stability and Growth Pact 324–5
database 6, 9, 16, 37
Europe’s disappearing middle class?

microdata 265, 410, 432, 440, 460
survey items in 342, 345
wave of (2011) 388
year-to-year panel data of 337
European Working Conditions Survey 79
Eurostat 87, 138, 151, 187, 547
definition of material deprivation 305–6
WI indicator of 308
Eurozone 346, 361, 459
members of 348

Fábián, Z. 307
Family Budget Survey to the Statistics on Income and Living Conditions 501
family composition 40–41
Farré, L.
analysis of positive impact of immigration on labour supply of skilled native women 513

Federal Republic of Germany (West Germany) 198
female employment rates in 226
unemployment rates in 222
Fernández-Macias, E. 567
view of job polarization characteristics 470–71

Ferreira, F.H. 385
Figueiredo, A.
observation of impact of redistributive/social protection policies in Portugal 450

Finland
annual number of hours worked in 171
education attainment levels in 38
First World War (1914–18) 281
foreign direct investment (FDI) 285
high-technology 311, 313, 317
Foster, J.E. 369
concept of polarization index 116, 370–71, 501, 547
France 8, 10, 160, 185, 381
collective agreements in 233
collective bargaining coverage in 28
education system of 190–91
attainment levels 190
expenditure 190–92
female employment rates in 40, 167–8
fertility rate in 168
fixed-term employment in 21
income inequality in 180–82, 590
impact of welfare state on 180–81
polarization 368
industrial relations in 167, 171–2
Contrat de Reclassement Professionnel (CRP) 173
Contrat de Transition Professionelle (CTP) 173
involuntary part-time employment in 22, 187
job polarization in 183–4
labour market of 161–2, 167–9, 171–2, 174, 176–7, 180, 185–6
participation in 19
reforms 170–71
self-employment in 169
status 165
temporary employment in 168–9
trends in 168–9, 177, 180–81
workforce composition 167–8
middle class of 15, 43, 160–62, 165
definitions of 161–3, 165–7
job variants 174, 176
polarization 11
Ministry of Labour 173
part-time employment in 186–8
self-employment in 23
social dialogue of 167, 171
Fillon Law (2004) 172
National Commission on Social Bargaining 173
tripartite 172
social model of 171
taxation system of prime pour l’emploi (PPE) 170
temporary employment in 21
wage setting in 173–4
use of consumption price index 173
wage trends in 26, 185
working time policy 185–6, 189–90
Aubry law 185–6
work sharing 186
Franco, Francisco 510
death of (1975) 495
Gerlach-Kristen, P.
analysis of Irish Housing Crisis 348

German Democratic Republic (GDR) (East Germany)
economy of 222–3
female employment rates in 226
manual worker category of 214

German Institute for Economic Research
definition of middle class 5

German Socio-Economic Panel Study (SOEP) 201, 214

Germany 8, 33, 85, 87, 198, 228, 235–6
annual number of hours worked in 171

Chamber of Industry and Commerce 228
collective agreements in 222–3, 233
derogation clauses 224–5
collective bargaining in free 224, 229
economy of 224
employment structure of polarization of 567
family model of 225–6

Federal Customs Service 231
collective bargaining coverage in 29, 275
Constitution of (1952) 267
economy of 247–8, 254
emigration of doctors 42
young graduates 41

Global Entrepreneurship Monitor (GEM) 79

Global Financial Crisis (2007–09)
9–10, 20, 27, 65, 72, 83, 185, 194, 244, 247, 323, 383, 416, 512
impact of 75–6, 86–7, 460, 462, 486–7, 504, 517, 571
on middle class attainment 124–7
globalization 17, 67
Goebel, J.
view of polarization of German middle-class incomes 205

Goldthorpe, J. 564
conceptualization of middle class 7
criticisms of definitions based on income 135–6, 502

González, P.
observation of impact of redistributive/social protection policies in Portugal 450

Goos, M.
observation of employment shares in Portugal 470, 473, 479

Goux, D.
observation of occupational-based definition of middle class 160

Greece 8, 24, 43
Bank of Greece 270
central government debt of 125
collective bargaining coverage in 29, 275
decentralization of 262–3
Constitution of (1952) 267
economy of 247–8, 254
emigration of doctors 42

income 220
progressive 204
temporary employment in 21
trade unions in 85
bargaining power of 236
wage-setting system of 229, 235
Minimum Wage Act 229–32
wage trends in 26
welfare system of 199, 204, 217
Bismarckian 198–9, 217
working times 206
youth unemployment rate in 19, 228

income inequality in 180, 199, 444
gender pay gap 210
polarization 368
labour market of 224, 233
deregulation of 225
participation in 19
unskilled labour 233–5
vocational training 233–4
middle class of 13, 30, 43, 198–9, 236–7
definitions of 200–201, 213–14
employment drivers of increasing standards 227–30
erosion 10, 221–6
individual/household incomes 201–8, 210–11, 216–17
polarization 11
public sector employment 226
pension system of 226–7
social model of 198
taxation system of 36, 199, 217

VAUGHAN 9781786430595 PRINT (M4051).indd   637
28/09/2016   13:38

Daniel Vaughan-Whitehead - 9781786430601
Downloaded from Elgar Online at 05/02/2019 01:16:49AM
via free access
Europe’s disappearing middle class?

female employment rates in 40, 257–8
GDP per capita 244, 247
Great Depression in 246, 274
income inequality in 245, 247–51, 261–2, 274–5, 442
Gini coefficient of 247–8, 442
industrial relations in 275
labour market of 253, 258
participation in 19
Mediation and Arbitration Agency 261
middle class of 13, 30, 244–6, 255–60, 274–5
definitions of 246–7, 259–60
erosion 10
impact of employment system 253
impact of tax and benefit system 252
long-term trends in 248–9
polarization 11
professionals and technicians 271–4
self-employment among 256, 259, 266–7
Ministry of Labor 261
public sector of 267–8
share of employment 268–71
wage differentials 270
social dialogue in 275
taxation system of 36, 252
tax evasion 247
temporary employment in 21
involuntary 22
Troika austerity policies in 244–5, 261, 267, 269
Economic Adjustment Programmes (EAP) 262–3, 275
wage-setting system of 261, 264
employment development 264–7
minimum wage 261, 263–4
welfare state of 244, 252
Allowance of Social Solidarity for Pensioners (EKAS) 258
youth unemployment in 22, 33, 253
Grimshaw, Damian 20

Haupt, A. 211
Hazans, M.

study of emigrant selectivity related to education 89, 97
Hirschle, J.
view of EGP classification 215–16
Honohan, P.
review of boom period of Irish economy 327
Horn, Gyula 285
trade union policies of 295
Household Budget Surveys 247
Household Finance and Consumption Survey (HFCS) 348
household reference person (HRP) 333–4
concept of 333
shifts in 333–6
labour force status of 336
Hungarian Household Panel (HHP)
Lifespan Survey of Hungarian Households (LSHH) 313–15
Hungary 9, 10, 313, 317–18
agricultural sector of 281–2
Budapest 308, 315
collective bargaining coverage in 29 economy of 299, 301–2
GDP per capita 302, 317
emigration of doctors 42
employment equilibrium in 285–7
expenditure on university education in 39
FDI in 285, 311, 313, 317
Free Democrats 285
health care system of 294
Hungarian Socialist Party (MSZP) 295
income inequality in 281, 297–8, 303
Labour Code of 295–7
labour market of 283, 290, 309
transition of 309–11
definitions of 279, 306–7
deprivation 305–6
income security 301–2
origins of historical weakness of 280–84
polarization 11
socio-demographic composition 303, 305
Index

National Labour Council 296
nationalization in 282
Nemzeti Gazdasági és Társadalmi Tanács (NGTT – National Council on Economy and Social Issues) 296
Országos Érdekeyeztető Tanács (OÉT – National Interest Reconciliation Council) 296
poverty rates in 305
private sector of 282
privatization in 284–5, 295–6
SMEs 284–5
public sector of 282, 302–3
employment levels 290–92, 297
gender bias in 291–2
service sector of 289–90
social structure of 307–8, 318
Socialist Party 285
taxation system of 36–7, 287, 289
income 302
trade unions in 294–5
density 295–6
National Confederation of Hungarian Trade Unions (MSZOSZ) 295–6
National Federation of Workers’ Councils (MOSZ) 295
unemployment in 302–3
wage development in 292–4

Iceland 149
middle class of 13
IG Metall union 224–5
IMF
surveys conducted by 513
income inequality 1–2, 4, 67, 74, 114, 180–82, 199, 245, 247–9, 261, 274–5, 361–2, 368–9, 430, 444, 446, 450, 460, 544, 562, 586, 590–94
differentiations 594–5
gender pay gap 69, 210
Gini coefficient 63, 247–8, 331, 338, 442, 546
impact of welfare state on 180–82
income redistribution and equilization 396–7, 405, 408–10, 412, 414–16, 418, 428–9, 434–6, 450
effects of 405–6, 429
downward 407
role of household size in 405
industrial relations 1–2
Industrial Revolution 62
information and communications technology (ICT)
impact on job polarization 183
Institutional Characteristics of Trade Unions, Wage Setting, State Intervention and Social Pacts (ICTWSS) 295
Instituto Nacional de Estadistica (INE) 496
International Federation of Red Cross and Red Crescent Societies (IFRC) 26
International Labour Organization (ILO) 41–2, 161, 587
definitions of income cut-off 588
International Labour Organization and European Commission (ILO-EC) project 2
International Monetary Fund (IMF) 3, 324
austerity policies implemented in Greece 244–5, 261, 267, 269, 275
International Standard Classification of Occupations (ISCO) 7–8, 214, 388
occupation classification 67, 79–80, 84, 90, 93, 98, 105, 471, 479, 508, 564
Italy 33, 281, 379, 381
Bank of Italy
Survey of Household Income and Wealth (SHIW) 362, 384–6
Biagi Law (2003) 377
central government debt of 125
Code of Labour Rights
Article 18 377
concertazione 377
education attainment levels in 38, 373
emigration of young graduates 41
female employment rates in 40, 373, 385
immigrant employment in 41
Europe’s disappearing middle class?

income inequality in 180, 361–2, 364, 366
Gini coefficient of 362–4, 372
income polarization 368, 391
mobility 385–7
labour market of 361–3, 377, 383
cohort effects in 379–80, 382
deregulation of 377–8
intergenerational mobility in 381–2, 388
participation in 19
reforms 377, 379–80
regulation of 377
middle class of 30, 360–61, 368–9, 379–80, 382–9, 391
impact of Global Financial Crisis (2007–09) on 126
mobility 387–8
public sector of 385, 391
riforza Fornero 377
self-employment in 23, 373
false 373
taxation system of 383
temporary employment in 21
involuntary 22
trade unions of 364
Treu Law (1997) 377
unemployment in 378
youth 22, 381
welfare state of 384–5, 391

Japan 380
Jiménez, S.
observation of role of public sector in education quality 514–15
Jorgensen, N.
observation of role of public sector in education quality 514–15

Kaitz index 231
Kakwani index 84
Kanellopoulos, C.N.
observation of Greek public sector wage differentials 270
Keller, T. 307
Kertesi, G.
concept of skills obsolescence 310
Keynes, John Maynard 155

Kioulafas, K.
observation of Greek private sector wage differentials 270
Köllö, János
concept of skills obsolescence 310
view of instability of Hungarian pay differentials 294
Kolosi, T. 307
observation of status inconsistent in Hungary 283
Kuypers, S. 564

labour 22, 129–30, 171–4, 282
demand 79
deployment of 145–6
division of 511
market 1–2, 5, 7, 15, 33, 63–5, 70, 84, 105, 139, 160–62, 168–9, 171, 216, 233, 245
duality in 21, 560–61
entry into 8
impact of immigration on 149–50
institutions 63
internal 224
participation of women in 17, 19–20
participation rates 79
performance 70
polarization 38–9
reforms 20–21
transition 309–11
youth 553–4
migration 105
supply 63, 79
impact of migration 97
reduction of 97
Labour Force Survey (LFS) 69, 133, 136, 177, 183–4, 254, 264, 439
Latvia 29, 65, 70–71, 83
Central Statistical Bureau (CSB) 73, 87–8
emigration from 87–90, 93
occupations 93–4
returning 95–6
selectivity 88–9
unemployment amongst 93
expenditure on university education in 39
GDP per capita 65
income inequality in 247, 442
Gini coefficient of 63, 442
labour market of 72
Liepaja
Tripartite Cooperation Council 85–6
middle class of 13, 66–8, 72–3, 87, 194
erosion 10
impact of migration on formation 63
income inequality 69, 73
private sector employment 71–2
public sector employment 72
migrant population of 68
occupational structure in 78
Riga 85
share of means-tested benefits in 83
State Employment Agency (SEA) Advisory Board 86
taxation system of 83–4, 92
transition processes in 74
unemployment rates in 86
union density in 84
wage inequality in 80
Latvijas Darba Deveju Knofederacija (Latvian Employers’ Confederation) (LDDK) 85
Leiulfsrud, H. 67
Lengfeld, H.
view of EGP classification 215–16
Lithuania 9, 13, 29, 65, 71, 299
education attainment levels in 38
expenditure on university education in 39
income inequality in 247, 442
Gini coefficient of 63, 442
middle class of 10, 15, 30–31, 66, 68
income inequality 69
occupational structure in 78
share of means-tested benefits in 83
taxation system of 83–4
transition processes in 74
union density in 84
wage inequality in 80
Low Pay Commission 26
Luxembourg 149
median disposable household income in 330
middle class of 31
erosion 10
taxation system of 36
Luxembourg Income Studies (LIS) 545–6
Maitre, B. 345
manufacturing 74–5, 135, 153
loss of middle-class jobs in 128
market economy 62, 74
liberal 63
transition to 285–7
Marketing House 68
Martinez Garcia, J.S.
occupation categories 502
Marx, I. 564
Maurin, E.
observation of occupational-based definition of middle class 160
McKnight, A. 564
middle class 2–3, 36, 62, 65–6, 80, 92, 138–40, 160, 214, 236–7, 331–2, 368–9, 416, 418
benefits of health of 3
strong trade unions 521–2
augmented approach 6–7
average wages 70
bottom-income class (BIC) 165–7, 176, 181–2
bottom middle-income class (BMIC) 165, 177
characteristics of members of 68–9
core middle-income class (CMIC) 165, 496
income approach 5–6, 113–14, 116, 161, 163, 496, 499
lower income class (LIC) 506
lower middle income class (LMIC) 496
middle-income class (MIC) 165, 174, 176–7, 182–3, 190, 496, 502, 504, 506
occupational approach 7–8, 160–61, 502–3, 565
perceptual approach 8–9, 161–2
Europe’s disappearing middle class?

top-income class (TIC) 165, 183, 192, 506

top middle-income class (TMIC) 165, 192

upper-income class (UIC) 165

upper middle income class (UMIC) 496, 502

urban 360

disparities in attainment 124–5, 139–40

demographic changes 123

education gap 121

ethnic gaps 119–20

generational gap 120

impact of Global Financial Crisis (2007–09) 124–9

regional gap 121–2

erosion of 9–10, 220–21, 248–51

potential role of divorce 123

evolution of 4, 9, 23, 114, 151

before Global Financial Crisis (2007–09) 9–10

decline in wage share 23–6

initial size 12–15

reduction of size 15–16

impact of taxation on 35–6

lower- 66–7, 114, 122, 382–3

polarization 10–11, 368–72, 442, 509, 550, 578, 612–13

relationship with education 79–80


weakening of 3–4

migration 41, 68, 87–93

effects of 97–8

impact on labour supply 97

influence of public sector wages on 41

of graduates 41

return 95–7

temporary 97

Mihályi, P. 285

Mitrakos, T.

observations of inter-temporal trends of income inequality 247

Monastiriotis, V.

observation of Greek net public sector premium 270

Morocco 149

Muñoz de Bustillo, Rafael 31

National Confederation of Greek Labour (GSEE) 261, 263

nationalizations 268, 282, 284, 302

Netherlands 23, 42, 187, 396

Algemene Ouderdomswet (AOW) 403, 424

average mortgage debt relative average net income in 27

collective bargaining coverage in 28–9, 422–3, 426

economy of 397

GDP per capita 398–9, 424

family composition in 41

income inequality in 400–401, 430

Gini coefficient 401

industrial relations in 422–3

labour market participation in 19

median disposable household income in 330

middle class of 15, 17, 28, 30, 396–7, 403, 405, 407–10, 416, 418–21, 426, 432, 434

development of 397–402

dual earners 427–9

erosion 10

household characteristics 405–7, 418–19, 421

net equivalized incomes 414–16, 428–9, 435–6

polarization 11

relationship with education level 39

wealth and debt 430–32

social dialogue in 422–3

taxation system of 36, 397, 402, 410, 414, 428, 430–31

temporary employment in 21

involuntary 22

wage trends in 26, 424

minimum wage 424

Nollmann, G. 211

non-governmental organizations (NGOs) 85–6

non-standard forms of employment (NSFE) 20–21, 23

impact on collective bargaining 27

part-time employment 519
self-employment 23, 78–9, 84, 132–3, 360, 605
bogus/dependent 23
temporary 21, 43, 133–4, 168–9, 516–17
fixed-term contracts 560–61
involuntary 22
of women 21
trade unions of 422–3
unemployment in 424
zero-hour contracts 22–3, 623–4
Norway 87–8
education attainment levels in 38
labour market participation in 19
middle class of 13, 546
relationship with education level 39
public sector of
employment levels 291
taxation system of 35–6
wage trends in 26
Obama, Barack 245
Oblath, G.
view of Hungarian economy 299
occupational structure
changes in 76, 78
Oesch, D.
observations of
European employment structure 67
union membership distribution 85
Organisation for Economic Co-operation and Development (OECD) 1, 3, 16, 28, 32, 87, 114, 134, 140–41, 144, 153, 180, 186, 279, 294, 323, 325–6, 362, 424, 460, 512, 553, 587
annual number of hours worked in 171
definition of middle class 5
Education at Glance (2014) 98
education sector averages
pupil/teacher ratio 99–100
teacher salaries 101
equivalent disposable income in 362, 366
Gini measure of income inequality 590
Income Distribution Database 396
job protection indexes 169
labour market policies (LMP)
definitions of 171
NFSE in 22
observation of effective retirement ages 132
online employment database 295
outsourcing in 32
public sector employment in 291–2
wage inequality in 8, 262
Ossinovski, Jevgeni
Estonian Minister of Education and Research 102–3
Papapetrou, E.
observation of Greek private–public sector wage differentials 270
Paulus, A.
observation of educational Gini change (1959–2000) 80
Peichl, A. 211
Piketty, Thomas
Capital in the Twenty-first Century 430
Poland 24, 325
emigration of doctors 42
income inequality in
polarization 368
labour market participation in 19
middle class of 10, 13, 66
temporary employment in 21
wage development in 293
Portugal 8, 383
accession to EU 454
austerity policies in 450–52
Classificação Nacional de Profissões (CNP) 471
collective bargaining coverage in 29
economy of 441–2, 453, 455, 477, 479, 481
GDP per capita 448
education system of 484, 488
eyear school abandonment in 38
educational attainment levels 457–8
emigration from 462–3
public sector employees 41
young graduates 41
expenditure on university education in 39
Europe’s disappearing middle class?

income inequality in 247, 442, 444, 446, 454–5, 460
Gini coefficient 442
labour market of 470–71, 482, 487–8
development of 455–6, 463–6, 471–3, 477
inequality in 463–4
participation in 19
middle class of 13, 15, 17, 26, 30, 441–2, 444, 446, 455–8, 477, 485–6, 491–2
backwardness of 453–4
impact of cut in tax deductions on 36
income mobility of 451–3
polarization 442, 470–71
private vs. public sector employment of 458–9
representativeness trends 448, 450
Ministry of Employment 467
private sector of 458–9, 471–2, 484
wages and earning in 467–8, 470–71
productive structure of 477–8
public sector of 41, 458, 482, 484–5
Quadros de Pessoal 471
social policy in
social transfers 459–60
taxation system of 459–60
temporary employment in 21–2
unemployment in 452–3, 463–5, 488
youth 22, 33, 456
welfare system of 486
poverty 3, 105, 114, 121, 151, 161, 200, 211, 227, 232, 244–5, 298, 305, 332, 341, 361, 396, 410, 424, 495–6, 586, 590, 597, 604, 627
absolute 586
child 154
elderly income 154, 227
extreme 281
line 250–51, 262, 274
relative 113, 514
income 154, 332, 334–6
thresholds 114, 332, 590, 604
Pressman, S. 7, 119
analysis of development of Swedish middle class 545
observation of decline of middle class 128
impact of divorce rate on 123
privatization 31–2, 63, 85, 226, 283–5, 295–6, 314, 317, 378, 544, 570, 628
‘bottom-up’ 78
purchasing power parity (PPP) 299, 330
quantitative adjustments 31
Raitano, M. 388
Regan, A. 327
observation of social pact issues in Republic of Ireland 329
Republic of Ireland 7, 24, 43, 87, 323
annual number of hours worked in 171
austerity policies in 338–40, 355
public sector pay cuts 339
banking sector of 345–7
Central Statistics Office (CSO) 339
Quarterly National Household Survey (2012) 348
collective bargaining coverage in 29
credit in 345–6
deprivation index of 342–3
Dublin 37
economy of 345, 347
boom period 326–8, 341, 343, 349, 352, 354–5, 357
bust period of 328, 341, 352, 355
interest rates 346
female employment rates in 40
fertility rate in 168
Gini coefficient of 331, 338
GNP of 324–5
household debt of 324
housing sector of 345–6
impact of Global Financial Crisis (2007–09) on 347–9
property boom 346–7
labour market of 325–6, 328–9, 335
median disposable household income in 330, 340
middle class of 17, 350–52, 354
HRP of 333–6
poverty threshold in 332
private sector of
employment in 338–9
public sector of
employment in 338–9
pay cuts 339
social dialogue in 329, 357
Croke Park Agreement (2010) 329
Haddington Road Agreement
(2013–16) 329
taxation system of 323, 330
income 338
'value-based' property 37, 340
trade unions in 329
unemployment in 325, 328–9, 347,
356
youth 22, 335, 338
Universal Child Benefit 338
wage setting in 329
minimum wage 326
zero-hour contracts in 22–3
Romania
collective bargaining coverage in 29
education attainment levels in 38
emigration of doctors 42
income inequality in 247
middle class of 13, 15, 26
temporary employment in
involuntary 22
Roosaar, L.
observations of changes in
occupational structures 76
Royal Mail 32
Russian Federation 67
Economic Crisis (1998–9) 65, 80
Salverda, W.
Observation of collective bargaining
in Netherlands 423
Schelsky, H. 199
Schumpeter, Joseph Alois 508
Scott, R.H. 7, 119
Second World War (1939–45) 198,
235–6, 267, 281, 315, 317, 573
Serbia
middle class of 26
Simoni, M. 326
Slovenia
collective bargaining coverage in 29
taxation system of 36
temporary employment in 21
small- and medium-sized enterprises
(SMEs)
impact of privatization on 284
social protection 39–40, 44, 83, 217
impact of taxation on 83–4
impact on female employment rates
39–40
Solchaga, Carlos
Spanish Minister of Finance 495
Soviet Union (USSR) 63, 82
collapse of (1991) 284
Spain 10, 43, 495
Central Bank of 531
collective agreements in 520
reform of 520–21
Constitution of 519
Consumer Price Index 528
economy of 517
GDP per capita 495, 521–2
education system of 514, 526, 528–9
expenditure on university
education 39, 528
tertiary attainment levels 38–9,
514, 516
emigration of
doctors 42
young graduates 41
employment structure in 20, 508–10
impact of immigration 512–14
jobs approach 508
labour force developments 510–11
General Law on Education (1970) 515
immigrant employment in 41
income inequality in 247, 529–30,
590
Gini index 522
polarization 368
labour market of 495–6, 502–3,
516–17
participation in 17, 19
women in 510–11
middle class of 13, 15, 17, 30, 496,
499–500, 508, 516, 523–4, 530
characteristics of 501–2
definitions of 496, 499, 501–3
impact of Global Financial Crisis (2007–09) on 126, 504
polarization 11, 509
part-time employment in 519
public sector of 503, 523–4
self-employment in 502
Social Democrats 495, 517
taxation system of 36
temporary employment in 21
Estatuto de los Trabajadores 516–17
impact of Global Financial Crisis (2007–09) on 517–18
involuntary 22
trade unions in 519–21
unemployment in 495, 503, 506, 508, 513–14, 530–31
youth 22, 33
welfare state of 508, 522–3, 531
employment provided by 523–4
Standard Occupational Classification 596
Stiglitz, Joseph
Chair of Economic Advisers of the President of the United States 508
‘jobs approach’ 508
Sweden 85, 87, 281, 543, 576–7
construction sector of 571
education system of 552, 554, 556, 575
attainment levels 552–3
employment structure of 564–6, 571, 577
impact of deindustrialization on 567–8
impact of Global Financial Crisis (2007–09) on 571, 573
female employment rates in 40
immigration in 544–5
income inequality in 444, 544, 562, 590
Gini coefficient 546
industrial relations 562
labour market of 544, 550, 555–6
duality in 560–61
entry into 556, 559–60
foreign nationals in 573–6
impact of Global Financial Crisis (2007–09) on 557
youth 553–4, 556–8
manufacturing sector of 571
middle class of 13, 15, 40, 43, 543–5, 549, 559–60, 563–4, 575, 577–8
definitions of 545–7, 565
occupational structure 544
polarization 550, 559, 578
relationship with education level 39
social democratic movement of 543
social protection systems in 40, 43
taxation system of 35–6, 544, 549
temporary employment in 21, 560–61
fixed-term contracts 560–61
involuntary 22
trade unions in 85
density 562
unemployment in 544, 552, 556, 558, 560, 574, 577
youth 550, 556
welfare state of 543–4, 573
Swedish model
Golden Age of 558
Switzerland 42, 85
trade unions in 85
impact on social protection 83–4
income 33, 36, 84, 220, 302, 338
negative 170
progressive 35–6, 204, 459–60
indirect 33, 83, 383
labour 84
property 37, 145, 340
value-added (VAT) 588
Teaching and Learning International Survey (TALIS) (2013) 100, 103
Thyssen, Marianne 3–4
trade unions 27, 80, 82, 86, 294–5, 329, 364, 422–3, 519–21, 608
bargaining power of 236
benefits for middle class 521–2
density of 84, 295–6, 562
membership of 113, 139, 153
representative 172
tripartite bargaining
weakening of 29
Tsakloglou, P.
  observations of inter-temporal
trends of income inequality 247

unemployment 15, 19, 80, 82, 86, 121,
127–8, 149, 161, 166, 211, 222,
258, 260, 275, 302, 310–11, 329,
347, 356, 452–3, 463–5, 488, 495,
503, 506, 513–14, 530–31, 544,
552, 556, 558, 560, 574
amongst emigrants 93
equilibrium rate of 556
youth 19, 22, 33, 228, 253, 335, 338,
456, 550, 556–8
not in education, employment or
training (NEET) 120

United Kingdom (UK) 7, 28, 85, 87,
95, 281, 326, 586
annual number of hours worked in
171
Annual Survey of Hours and
Earnings (ASHE) 619
Association of Local Authority
Employers 624–5
austerity policies in 586, 590
Census data 94
collective agreements in 233, 621,
628
Confederation of British Industry
(CBI) 608–9
Conservative Party 586
  Coalition Government (2010–15)
  616
economy of 613–14
  GDP per capita 606–7, 626–7
education system of 596
  attainment levels in 38
  expenditure on university
  education 39
emigration of young graduates 41
employment polarization 20, 567
Equality and Human Rights
Commission 623
family composition in 41
Family Resources Survey (FRS) 588
female employment rates in 40
housing sector of 617–19
income inequality in 180, 586,
590–95
differentiations 594–5
polarization 368
involuntary part-time employment
in 22
labour market of 587
impact of Global Financial Crisis
(2007–09) on 603–4
participation in 19, 597, 603
precarious employment 604–5,
623–5
self-employment 605
zero-hour contracts 623–4
Labour Party 610–11
New Labour 610
Low Pay Commission 608
median disposable household
income in 330
manufacturing sector of 613
middle class of 587–90, 595, 597,
614–16, 619–21
debt of 617
erosion 10
polarization 11, 612–13
stagnation in incomes 245
migrant population of
Latvian 94
minimum wage in 230
National Health Service (NHS) 515
Office of National Statistics (ONS)
  94, 350, 587–8, 623–4
poverty in
  absolute 586
  threshold 590, 604
private sector of 622
public sector of 32, 609, 614–16,
621–2
  restraint of pay growth in 31
Retail Price Index (RPI) 607, 619
self-employment in 23
taxation system of 36, 587
  bands of 611–12
  VAT 588
temporary employment in 21
trade unions in 85, 608
  Trade Union Congress 621
wage trends in 24, 26, 606–8, 622
  real median 607
welfare system of 609–12, 626
zero-hour contracts in 22–3
United States of America (USA) 20,
87, 326, 396, 522
Europe’s disappearing middle class?

annual number of hours worked in 171
between-cohort inequality in 381
Council of Economic Advisers (CEA) 508
Annual Report (2015) 245
employment structure of polarization of 567
income inequality in 180
middle class of 453
Middle Class Task Force 526
trade unions of 522
University of Latvia
Advanced Social and Political Research Institute 97

Verbist, G.
observation of unemployment/inactivity amongst immigrant households 119

Visser, J. 139
observation of collective bargaining coverage stability 28

Vona, F. 388

Vörk, A.
amalysis of impact of taxation policy on distribution of household tax burden 84

wages 23–4, 70, 80, 101–2, 154, 161, 213
bargaining 43, 113
collective bargaining on 27–8
compression 137–8

declining share 24–5
evolution of 138–9
gender pay gap 82–3
gross minimum 138
inequality 80
minimum 230–32, 261, 263–4, 293, 326, 424

Walsh, B.
review of boom period of Irish economy 327

wealth accumulation 117–18
assets 117
debts 117
real estate 117, 119

Whelan, C.T. 345

Wolff, E.N. 119

Wolfson, M.C. 369
concept of polarization index 116, 370–71, 501, 547

women 510–11
employment rates of 39, 129–31
Wright, Erik O.
role in development of ‘jobs approach’ 508

Yugoslav Wars (1991–2001)
flow of refugees caused by 544–5, 574

Zickute, I.
definition of middle class 66

Zuber, S.
observation of French public expenditure per student 190