Index

22@ District, Barcelona 97–9, 101–2, 105–13
comparison with Innovation District 103–5, 115
growth factors 111
industry and business clusters in 107–8
biotechnology and medical engineering 110
design and architecture 110
ITER 110
media firms 109
NTIC firms 109
innovation platforms 105–13, 115
main features 120
urban regeneration strategy 106–7
planning strategy issues 111–12
restrictions to 113

Aalborg 167
Aboites, L. 5, 6, 13
Abu-Lughod, J. 297
Acapulco 21, 419
Acapulco General Hospital 10
activity-complex economies 42
Adams, T. 248
Administrative Committee for the Federal Program for the Construction of Schools (CAPFCE) 11–13
Aerotropolis 307–8
Africa 153–70
census data 155, 160
Democratic Republic of Congo 160
economic crisis 1970s 154, 155
economic growth 157
environmental health 158
foreign direct investment in 157
Ghana 401
governance 158–9
health research 161–2
housing 158
human settlements 157–8
informal economy 157
informal settlements 157–8
Kenya 194
census data 160
Health and Demographic Surveillance System 161–2
Kisumu 194
Kenyan Open Data Initiative 161
labour market mobility 156
land tenure 157–8
living standards 159–60
Malawi 168
migration patterns 155–6
Nairobi
Health and Demographic Surveillance System 161–2
Nigeria 200
urbanization levels 155
planning education project 165–70
planning legislation 159
public services infrastructure 158
slum dwellers 158, 161–2
social and economic fluidity in 156–7
social inequality in 157–8
statistical data sources
census data 153, 159, 160
self-enumeration projects 161
surveys 153, 160–61
Sudan 200
Tanzania 167
Moshi Town 167
Tanzanian Socio-economic Database 161
trade 157
urban planning challenges 153–9
urbanization dynamics 154–7
Zambia
urbanization levels 154
see also South Africa
African Population and Health Research Center (APHRC) 161–2

497
agrarian distribution policy (Mexico) 6–8
Agrarian Law (Mexico) 7, 8
agglomeration economies 99–100, 214–18, 235
internal scale economies 236–7
labour markets and 243–6
localization economies 237
metropolis and mega-regions 248–51
pan-agglomeration economies 238
taxonomy of models of cities 238–43
urban networks 246–8
urbanization economies 237
Agnew, J. 212
Aguilar, L.F. 445, 446, 452, 453
air pollution 320–39
impact models 426, 435–6
Ajuntament de Barcelona 105
Alabama 34
Albany 189
Alden, J. 211, 213, 214
Alger, C. 215
Allegheny County Commission 272
Allen, J. 443
Alonso, W. 398
Altshuler, A. 189
Amin, A. 207, 212, 275–6, 277
Amsterdam 32, 43, 64
migrant entrepreneurship in 474, 479
Ancien, D. 214, 228
Andalusia 274
Anderson, B. 283
Annema, J.A. 269, 431
Anselin, L. 143
Ansoff matrix 475
apartheid era 183
area vasta 274
Argentina
Buenos Aires 134
internal migration flows 401
relative proportion of city to national population 133
urban concentration and deconcentration 134–5
Armstrong, H. 378, 382, 392, 399, 409
Arreola, A. 456, 457
Arribas-Bel, D. 269, 484
Arteaga 10
arts, the 42–3
Ashworth, G. 55
Asia
China 55
12th Five-Year Plan 75
Bohai Bay 93
Chengdu 199
Guangdong 82, 93
Hebei 82
Henan 82
internal migration flows 401, 402
Jiangsu 82, 93
Peking University 79
Shanghai 180, 198
Shanghai Normal University 70
Tianjing 82
urban planning 93–5
urbanization rate 75
well-being and happiness in 75–92
Zhejiang 79, 82, 93
city marketing 198–9
Hong Kong 198
India 55
Indonesia 401
Iraq 183, 200
Israel 200
Japan
foreign direct investment 192
Hiroshima 199
Osaka 198
Tokyo 199
use of cost-benefit (CBA) guidelines 430
Malaysia
internal migration flows 401
Myanmar 200
North Korea 178
Philippines
internal migration flows 401
Saudi Arabia 200
Singapore 198
South Korea
Seoul 198
Taiwan 81–2
Tajikistan 194
Vietnam
internal migration flows 401
asset bases, urban 41–2
brands and marketing 55–6
Association of African Planning Schools 154
case study project 165–70

Peter Karl Kresl and Jaime Sobrino - 9780857934611
Downloaded from Elgar Online at 12/02/2018 06:13:32AM
via free access
**Index**

Association of Southeast Asian Nations (ASEAN) 189
Atlacomulco Group 456–7
Atlanta 32, 183
production of goods and services 2009 177
Attractive City, The 61
ATTREG project 66, 70
Austin, Texas 182, 184, 287
Australia
internal migration flows 401
use of use of cost-benefit (CBA) guidelines 430
Austria
use of use of cost-benefit (CBA) guidelines 431
automobile industry 192–3
Aydalot, P. 99, 100, 117
Baeninger, R. 129, 135
Bagnasco, A. 207, 222, 224
Bailey, K. 191
Baja California 5–6, 17
balance of trade 35–7
Baltimore
production of goods and services 2009 177
Barca, F. 229
Barcelona 32, 60, 64, 69, 273
22@ District 97–9, 101–2, 105–13
comparison with Innovation District 103–5, 115
emerging technological district 101–2
growth factors 111
industry and business clusters in 107–8, 109, 110
innovation platforms 115
main features 120
urban regeneration strategy 105–7, 111–2, 113
La Sagrera 105
Poblenou 103–5, 107–8
population and surface 260–61
Rambla Prin 105
unit of analysis research 252–62
city networks 255–8
local labour markets and industrial districts 252
mega-regions 258–9
metropolitan areas 252–5
Barcelona Activa 106, 112
Barcelona-Lyon mega-region 258, 259, 260–61
Barnes, L.B. 166
Bartlett, R. 276
Basel 64
Basque region 288
Bassin du Nouveau Havre 118
Bavaria 273
Bayern 273
Baz, G. 8, 9
Beall, J. 54, 159
Beauregard, R. A. 447
Becattini, G. 242, 244, 252
Becker, G. S. 78
Begg, I. 215
Beijing 82
Belgium
Brussels 196
Flanders 184
use of use of cost-benefit (CBA) guidelines 431
Bellini, N. 55–6
benchmarking 49–50
Benko, G. 97, 99, 100, 102, 116, 117
Berke, P. 280, 289
Berrisford, S. 159
Berry 244, 246, 248
Besos 105
Birmingham 64
Birrichaga, D. 13
Blaut, J. 246
Bloomberg, Michael 272
BMW 192
Bobbio, L. 228
Boeing Aircraft 32
Bogota 134
Bohai Bay 93
Boix, R. 237, 242, 246, 248, 252, 254, 255, 256, 257, 259
Boland, P. 211
Borja, J. 111, 112
Borjas, G. J. 474
Boschma, R. 40, 50
Boston, Massachusetts 181, 183, 195, 198
production of goods and services 2009 177
Boulder, Colorado 194
Bourdieu, P. 138
Bradbury, K. 303
Bradley, T. 184
branding, cities 55–6
Braun, E. 55
Brazil 55, 190
demographics and spatial mobility 128–31
internal migration flows 401
relative proportion of city to national population 133
Sao Paulo 190
social inequality in 127–8
urban population 127
urban/rural dichotomy 137
Bremen 273
Brenner, N. 175, 205, 207–8, 210, 215
Briceño-Garmendia, C. 158
Britton, J. 284
Broadbent, A. 200
Brookings Institution 272, 288
Brookings Metropolitan Policy Program 189
Bruni, L. 78
Brussels 196
Budd, L. 41–2, 443
Bueno de Mesquita, B. 179
Buenos Aires 134
Bunnell, T. 284
Bush, George W. 200
Busso, G. 129, 135, 398
Buton, F. 23
Cabrero, E. 451, 453, 456, 460
Cáceres, G. 140
Cacho, R. 10
Cadaval, M. 131
Caiado, M. 129
Caldeira, T. 140
Calgary 190
California 33
Imperial Valley 189
Los Angeles 177, 182, 197, 271, 297
Oakland 200
Silicon Valley 178, 195, 280
Calles, E. 7
Camacho, Á. 11
Camagni, R. 32, 41, 99, 100, 101, 102, 103, 215, 237, 246, 256
Campeche 21
Campos, M. 10
Canada 189, 191, 280–81
Alberta 189
Baltimore
production of goods and services 2009 177
Bassin du Nouveau Havre 118
Calgary 190
Canal Lachine 117
creative cities 40–41, 287
Griffintown 104
internal migration flows 401
Labrador 189
Montreal 196
Innovation District (ID) 97–9, 101–2, 103–5, 113–19
Newfoundland 189
Ontario 34, 287
Ottawa 189
Québec 104, 184
Saskatchewan 287
Saskatoon 287
Toronto 32
Toronto Congress 242
use of cost-benefit (CBA) guidelines 430
Vancouver 65
Waterloo-Kitchener 287
Canal Lachine 117
CANAMEX 197
Cape Town 167
Capello, R. 100
CAPFCE
see Administrative Committee for the Federal Program for the Construction of Schools (CAPFCE)
caretaker regimes 450
Carlino, G. 288
Carluer, F. 100, 101
Carnegie Mellon University 282
Cars, G. 222, 224
case studies
cities as participants model 63
defining the object of study 68
EU-funded studies 66
factors in selection of 66–7
international comparisons for one specific city 64–5
interviewees 68–9
interviews 69–70
planning education in Africa 165–70
public-private partnerships 450–52
questionnaires 69
reporting 70–71
sponsored studies 65–6
story telling in 168–9
Castells, M. 100, 102, 131, 132, 242
Catalano, G. 188
Catalonia 184, 273–4
Cattan, N. 106
censuses
Africa 153, 155, 159, 160
Congo 411
Latin America 142–3
Center for Agrarian Research 6, 7
Center for City and Competitiveness 79
CEPAL 129
Champion, A. 136–7
Chapala 19
Charlotte 182, 195
production of goods and services 2009 177
Charter of Athens 241
Chatterjee, S. 288
Chekereni 167
Chengdu 199
Cheshire, P. 37, 244, 276–7, 279
Chicago 32, 183, 188, 198, 271, 277, 297–8, 308–17
attributes and challenges 309–10
demographic diversity 308–9
economic forecasting 296
alternative policy scenarios 316–17
employment projections 315–16
population projections 313–15
economy 308
immigration policy 317
infrastructure 309, 317
O’Hare International Airport 271–2, 310–11
path dependent growth 282–3
production of goods and services 2009 177
socio-economic conditions, 1990s and 2000s 311–15
employment 311–13
population 311, 313
Chicago Area Transportation Study 296
Chihuahua 6, 7
Chile 134
internal migration flows 401
relative proportion of city to national population 133
Santiago 134
urban concentration and deconcentration 134–5
Chilpancingo 10
China 55
12th Five-Year Plan 75
Beijing 82
Bohai Bay 93
Chengdu 199
Guangdong 82, 93
Hebei 82
Henan 82
internal migration flows 401, 402
Jiangsu 82, 93
Peking University 79
Shanghai 180, 198
Shanghai Normal University 70
Tianjing 82
urban planning
regional skew development strategy 93–5
urbanization rate 75
well-being and happiness in 75–6
income and wealth links to 78–9
influencing factors 84–92
literature review 76–9
regional distribution 81–2
spatial distribution maps 82–4
survey data 79–81
Zhejiang 79, 82, 93
China City Statistical Yearbook 79
China Health Nutrition Survey (CHNS) 79
Chinese Academy of Social Sciences (CASS) 49, 76, 79
Chinese Family Panel Studies (CFPS) 79
Chinitz, B. 237
Christaller, W. 245
Christaller relationships of hierarchy 278
Christensen, P. 473
Christie, C. 272

Peter Karl Kresl and Jaime Sobrino - 9780857934611
Downloaded from Elgar Online at 12/02/2018 06:13:32AM via free access
Cities

- production of goods and services 2009 177

Cincinnati

Cisneros, A. 17

Cité du commerce Électronique 118

Cité du Multimedia 104, 117, 118

Cité du Quartier Bonaventure 104

Cities

- categories 198, 215
- characteristics 275–8
- economic discrepancies in 189–90
- legal and administrative units 271–5
- models 238–43
- role in an era of globalization 179–82
- socio-spatial dynamics 128–41
- data sources and analytic instruments 142–6
- demographies and spatial mobility 128–31
- population concentration and deconcentration 131–5
- socio-spatial segregation 137–41
- urban/rural dichotomy 136–7

Cities and the Creative Class 306

Cities for Peace movement 200

Cities of Opportunity 49

Cities Regain Identity and Image project 66

City & Enterprise project 65

'city as growth machine' theory 220

Climate Change 158

Clusters 37–8, 103, 283–4

Agglomeration in 22a District, Barcelona 105–13

Biotechnology and medical engineering 110

design and architecture 110

ITER 110

Media firms 109

NTIC firms 109

Proximity factor in development of 100

techno-creative 99–103

Coahuila 5, 7

Coe, N. 284

Cohen, B. 215

Cohendet, P. 100

Cohn, D. 404

Cole, A. 450

Collinge, C. 444

Cologne 64

Colombia

Bogota 134

Internal migration flows 401

Relative proportion of city to national population 133

Colonization Law 1875 (Mexico) 5–6

Colonization policy, Mexico 5–8

Colorado 194, 272, 288

Commerç Electronique 104

Commission for the regularization of land ownership (CORETT) 8

Committees for the Promotion of Economic Development (COPRODE) 22

Commuting 130–31

Comparative studies

- case studies
  - cities as participants model 63
  - factors in selection of 66–7
  - international comparisons for one specific city 64–5
  - sponsored studies 65–6
  - EU-funded studies 66
  - territorial and urban renewal 97–122
  - 22@ and the Innovation District 103–5, 115

Competition

- international 178–9, 185
- between municipalities 191–3
- and productivity growth 39–40

see also urban competitiveness

Competitive Advantage of Nations, The 283
Competitiveness Institute 37, 49, 283
Connecticut 33, 189, 271
Conroy, M. 280, 289
Conti, S. 99
Contreras, C. 16, 18, 20–21
conurbations 244
Convercité Development Agency 117
Coombes, M. 244
Copenhagen 32, 290
Cost-Benefit Analysis (CBA)
applications and impacts 430–32, 438
benefits of use 429–30
challenges 434–5, 438–9
comparison with Multi-Criteria Analysis (MCA) 428–9
description 427–8
transport infrastructure 424
weaknesses in 432–4, 438
Costa, H. 140
Costa Rica, internal migration flows 401, 402
Council of European Municipalities and Regions (CMEA) 194
counterurbanization 400
Cox, K.R. 206, 222, 224
Cozumel 15
creative cities 240, 243, 287
cultural diversity in 477–8
Innovation District (ID), Montreal 113–19
creative class theory 306
creative destruction 175, 178
creativity
techno-creative clusters 99–103
and urban competitiveness 40–41
Crevoisier, O. 99, 101
Croatia 56
Cronon, W. 277
Cuba 132, 200
relative proportion of city to national population 133
relative proportion of city to national population 133
Cuevas, José Luis 11, 25
Culiacán 21–2
culture
diversity in 477–8, 493
impact on urban competitiveness 42–3

Cunha, J. 129, 131, 135, 137, 138
Curitiba 190
Cyprus
use of use of cost-benefit (CBA) guidelines 431
Czech Republic
use of use of cost-benefit (CBA) guidelines 430, 431
daily urban system 244
Dallas, Texas 32
production of goods and services 2009 177
DATAR 228
Davis, K. 253
DDAA 111
de Mattos, C. 134
De Vos, J. 5
Deas, I. 41, 45
Delaware 54, 271
Delgado, J. 456, 457
Delgado Ruiz, M. 106
Della Porta, D. 221
Deloitte & Touche 65
Delors Commission 211
Dematteis, G. 206, 225, 237, 247, 256
Democratic Republic of Congo 160
demographics
poverty 127–8
social inequality 137–41
socio-spatial segregation 137–41
spatial mobility 128–31
Denmark 167
Aalborg 167
Copenhagen 32, 290
use of use of cost-benefit (CBA) guidelines 430, 431
Denver, Colorado 32, 198, 277
production of goods and services 2009 177
Deppe, M. 447
Detroit, Michigan 32, 178, 183
production of goods and services 2009 177
Dhavale, D. 249
Diaz, H. 460
differential urbanization 399, 400
DiGaetano, A. 219, 223, 449
Dinc, M. 40
Diputacio’ de Barcelona 105
diversity
and creativity 40–41
cultural 477–8, 493
Doha Round 189
Dolan, K. 184, 200
domestic policy 179
Donahue, J.D. 213
Dowding, K. 220
Doxiadis, C. 249, 250
Drucker, P. 181, 185
Duncan, O.D. 244
Duncan’s D 144
duopolies 278
Dura Vermeer 65
Durango 7
Dushanbe 194
dynamic metropolitan area (DMA)
255
Dziembowska-Kowalska, J. 42

*Early Warning: Will Canadian Cities Compete?* 191

Easterlin, R.A. 77
Echeverría, Luis 23
*École de technologie supérieure* (ETS)
114, 116, 117, 119
Economic and Social Coalition of
Southwest-CDEC (RESO) 118
economic forecasting 295–317
assessment of current status
298–302
bottom-up approach 295
Chicago 308–17
current status assessment 308–11
employment projections 315–16
population projections 313–15
Chicago Area Transportation Study
296
the national economy 303–6
New York Metropolitan Study
295–6
top-down approach 295
urban spatial patterns 302–3
economic growth 299–300
variables 301–2
economic reflexivity 42
Ecuador, internal migration flows
401
_Ecumenopolis_ 250
‘Edge Cities’ 303

Edgeworth-Bowley Box 399
Edisis, A. 184
education 301–2
ejidatarios 7–8
Ejido Population Centers 8
El Besos 104
El Prat 104
El Salvador 200
Empowering Metropolitan Regions
project 68, 70
enclave economy 477
Engelen, E. 474
English language, use of 69–70
environment 61–2
air pollution 320–39
Environmental Impact Assessment
(EIA) 428
Erasmus University 60
ESPON 66
Estonia
use of use of cost-benefit (CBA)
guidelines 431
Estrada, V. 13
ethnic associations 188
Euricur
case studies
cities as participants model 63
EU-funded studies 66
factors in selection of 66–7
international comparisons for one
specific city 64–5
establishment of 60
research agenda 60–62
Euro-regionalism 211
Eurocities 194
Eurocities Association 60
Europe
Austria
use of use of cost-benefit (CBA)
guidelines 431
Basque region 288
Belgium
Brussels 196
Flanders 184
use of use of cost-benefit (CBA)
guidelines 431
Croatia 56
Cyprus
use of use of cost-benefit (CBA)
guidelines 431
Czech Republic
    use of use of cost-benefit (CBA) guidelines 430, 431

Denmark
    Aalborg 167
    Copenhagen 32, 290

Estonia
    use of use of cost-benefit (CBA) guidelines 431

Finland
    Helsinki 64, 65
    use of use of cost-benefit (CBA) guidelines 431

France
    189, 215
    city regions 273
    Grenoble 273
    Lyon 190, 196, 198, 199, 273
    Paris 32, 189, 190
    Rhône-Alpes 288
    St. Étienne 273
    transport infrastructure 423
    use of use of cost-benefit (CBA) guidelines 430, 431
    Vieux Port 104

Germany
    Bavaria 273
    Bayern 273
    Bremen 273
    city regions 273
    Cologne 64
    Hamburg 273
    Hanover 198
    Karlsruhe 42
    Munich 273
    Oberbayern 273
    use of use of cost-benefit (CBA) guidelines 430, 431

Greece
    use of use of cost-benefit (CBA) guidelines 431

Hungary
    use of use of cost-benefit (CBA) guidelines 430, 431

Ireland
    use of use of cost-benefit (CBA) guidelines 431

Italy
    Milan 188
    Turin 54, 64, 190, 196

Tuscany 55–6
    Udine 65

Latvia
    use of use of cost-benefit (CBA) guidelines 431

Lithuania
    use of use of cost-benefit (CBA) guidelines 431

Malta
    use of use of cost-benefit (CBA) guidelines 431

Netherlands
    Amsterdam 32, 43, 64, 474, 479
    Hague, The 474, 479
    Randstad region 277
    Rotterdam 60, 64, 474, 479
    Utrecht 474, 479

Norway
    use of use of cost-benefit (CBA) guidelines 430

Portugal
    internal migration flows 401
    use of use of cost-benefit (CBA) guidelines 430, 431

Slovak Republic
    use of use of cost-benefit (CBA) guidelines 431

Slovenia
    use of use of cost-benefit (CBA) guidelines 431

Spain
    288
    Andalusia 274
    Barcelona 32, 60, 64, 69, 97–9, 101–2, 103–13, 115, 120, 252–62
    Catalonia 184, 273–4
    Chihuahua 6, 7
    city regions 273–4
    Durango 7
    El Prat 104
    Madrid 32, 188, 260–61
    Seville 274
    use of use of cost-benefit (CBA) guidelines 431

Sweden
    287
    Gothenburg 64
    Lund 287
    Stockholm 288
    Uppsala 287
use of use of cost-benefit (CBA) guidelines 430, 431
Switzerland 200
Basel 64
use of use of cost-benefit (CBA) guidelines 430, 431
United Kingdom
Birmingham 64
Leeds 65
Liverpool 41
London 32, 64, 65, 188, 198, 273
Manchester 41, 64, 198
Newcastle 275
Northern Ireland 200
Sheffield 41
European Spatial Development Perspective (ESDP) 211–12
European Union 183, 189, 196, 211, 279
city regions 273–4
foreign direct investment 191–3
European Union (EU) 183, 189, 229, 443
Euro-regionalism 212–14
European Institute for Comparative Urban Research
see Euricur
Evans, G.L. 103
exports 35–7
Ezeadiche, N. 156
Fabela, I. 456
Fainstein, S.S. 43–4, 221
Farazmand, A. 443
Faubourg des Recollets 104
Faure, A. 206
Favro, T. 200
Fawcett, C.B. 244
Feagin, J.R. 215
federal boards for material improvements 13, 14–16
federal government, Mexico 452
boards for material improvements 13, 14–16
public works and infrastructure planning
hospitals 8–11
railways 21–2
schools 11–12
water supply systems 13–14
role in urban planning 3–4
Federal Law of Colonization (Mexico) 7
Federation of Canadian Municipalities’ Softwood Lumber Task Force 197–8
Feldman, M. 102, 103
Feria, J.M. 109
Ferilli, G. 102
Fiat 192
Figueras, S. 411
Filgueiras, F. 139
Financial Investment Fund for Potable Water and Drainage 13
Finland
Helsinki 64, 65
use of use of cost-benefit (CBA) guidelines 431
Fitzsimmons, J.D. 252
Flanders 184
flexible city model 239, 241, 252
Flores, C. 138
Florida, F. 477
Flowerdew, R. 415
Flyvbjerg, B. 166, 167, 423, 432, 436
Fontan, J.M. 102
Fordist city model 239, 241–2
foreign direct investment 191–3
foreign policy 177–9
municipal engagement in
capacity for 193
competitive factors 191–3
development 182–4
electoral considerations 186
ethnic associations 188
globalization factors 184–5
ICT factors 185–6
international organizations HQ 196
international programs 194–5
maintaining offices abroad 196–7
national and international associations 187–8
restrictions on 188–90
Fort Lauderdale 191
Foster, V. 158
Fox, K.A. 244
Fox, S. 54
France 189, 215
   city regions 273
Grenoble 273
Lyon 190, 196, 198, 199, 273
Paris 32, 189, 190, 198
Rhône-Alpes 288
St. Étienne 273
transport infrastructure 423
use of cost-benefit (CBA) guidelines 430, 431
Vieux Port 104
Fraser, J. 200
Free Trade Area of the Americas (FTAA) 183
Frenken, K. 237
Freund, B. 154
Friedman, J. 244
Friedman, T.H. 214
Friedmann, J. 215
Fröbel, F. 215
Fry, E.H. 175, 178, 179, 184, 191, 192, 195, 199–200
Fujita, M. 287
Fukuyama, F. 472
Funck, R.H. 42
Functional Urban Area (FUA) 274
Functional Urban Region (FUR) 253
Functional Urban Regions (FUR) 255
Galletto, V. 252, 253, 261
Galster, G. 139
Gang, J. 477
García Ramos, D. 11, 21, 25
Gardiner, B. 36, 39–40
Garreau, J. 190
Garrocho, C. 454
Garza, G. 7, 138, 454
Gaspar, S. 410
gated communities 140
Gates, B. 178
Gaza 178
Geddes, P. 244
Geithner, T. 304
General Agreement on Tariffs and Trade 279
General Cepeda 10
General Law on Human Settlements 1976 20, 23
"General Theory of Employment, Interest and Money, The" 300
Generalized Transport Costs (GTC) 426
gentrification 140
geography of opportunities 139
Geographic Information Systems (GIS) 143
geoprocessing 143
Germany 200, 215
   Bavaria 273
   Bayreuth 273
   Bremen 273
   city regions 273
   Cologne 64
   Hamburg 273
   Hanover 198
   Karlsruhe 42
   Munich 273
   Oberbayern 273
   use of cost-benefit (CBA) guidelines 430, 431
Gertler, M. 40–41, 100, 284
Geers, K. 426–7, 437
Geyer, H. 399
Ghana, internal migration flows 401
Gill, N. 212, 213
Giordano, B. 41, 45
Giorguli, S. 410
Glaeser, E. 181, 182, 237, 307, 310
Glasmeier, A. 283
Glickman, N.J. 215
Global Benchmarking Network 49
global cities 198, 215
"Global Dollars, Local Sense: Cities and Towns in the International Economy" 187
Global Power Index 49
"Global Report on Human Settlements (UN) 158
Global Urban Competitiveness Index 49–50
globalization
   characteristics 443
cities and 179–82
construction of territory and 207–9
economics of 184–5
impact
   on foreign/local policies 179
   on governance structures 443–5
   on metropolitan areas 175–6
   on migration 473

Peter Karl Kresl and Jaime Sobrino - 9780857934611
Downloaded from Elgar Online at 12/02/2018 06:13:32AM
via free access
on nation-states 178–9
on territorial organization 205–6
glocalism 208
glocalization 208
Goldsmith, M. 443
Gomide, A. 131
Gompertz-Makeham function 398
González, M. 5, 6
Goodwin, M. 210
Gordon, I. 443
Gothenburg 64
Gottdiener, M. 130
Gottman, J. 249, 250, 258
Governa, F. 206, 222, 225, 227
governance 52–4, 445–7
citizen participation 445
functions of government 278
impact of globalization on 443–5
local government 445–7
municipal foreign affairs policy
capacity for 193
development of 182–4
economic globalization 184–5
electoral considerations 186
ethnic associations 188
ICT revolution 185–6
international event hosting 195–6
international organizations HQ 196
maintaining offices abroad 196–7
municipal competition 191–3
national and international
associations 187–8
restrictions on 188–90
New Public Management 445
promotion of economic growth 444
structures and economic
development 443–5
territorial organization and 205–6
urban governance 222–4
Grant-Muller, S.M. 429, 433
Graziano, J. 137
Greater Phoenix Economic Council 195
Greece
use of use of cost-benefit (CBA)
guidelines 431
Greenwood, M. 413
Grenoble 273
Griffintown 104
Grimond, J. 310
Gross, J.S. 218, 224
gross domestic product (GDP) 37–8
annual nominal GDP 2009 178
produced by US metropolitan areas
175–7
subjective well-being (SWB) and 77–8
United States 1999–2007 198
gross migration rates (GMR) 402–3
growth management regimes 449–50
Guadalajara 18, 19
Gualini, E. 214
Guangdong 82, 93
Guatemala 200
Guerrero 5
Gugler, J. 199
Guillén, T. 453
Gunder, M. 270
Gunn, H. 429
Guoqiang Tian 78
Guzmán, J. 129
Hadjimichalis, C. 212
Hagelman, R. 484
Hägerstrand, T. 244, 246
Hague, The
migrant entrepreneurship in 474, 479
Haiti 132
relative proportion of city to
national population 133
Hall, P. 102, 198, 215, 253
Hambleton, R. 218, 224
Hamburg 273
Hanover 198
happiness
see well-being
Harding, A. 220, 449
Harrison, B. 283
Hart, D. 289
Hartford 189
Harvey, D. 103, 205, 215
Hay, D. 244, 253
Hayashi, Y. 433
Haynes, K. 40
Healey, P. 209, 222
Health and Demographic Surveillance
System 161–2
healthy neighbourhood projects 65
HEATCO 430, 431
Index 509

Hebei 82
Heenan, D.A. 215
Heikkilä, E. 215
Heilbrun, J. 42–3
Helpman, E. 299
Helsinki 64, 65
Henan 82
Hermosillo Hospital 10
Hernández, R. 457
Herrschel, T. 208, 212
Hillier, J. 270
Hirmis, A.K. 41–2
Hiroshima 199
Hobbs, H. 184, 200
Hong Kong 198
Hoober, E.M. 236, 237
hospital planning 8–11
housing policy 141
Houston, Texas 196
production of goods and services
2009 177
hub-and-spoke districts 48
Huichzermeyer, M. 161
Hudson, R. 212
Hughes, S. 411
Hugo, G. 136–7
Huxjiong Chen 78, 79
human capital 301–2, 307
migrant entrepreneurs 477–8, 493
Human Settlement Law 1977 19, 20
human settlements
Africa 157–8
Mexico 3, 7, 22–4
Hungary
use of use of cost-benefit (CBA)
guidelines 430, 431
Hunt, R. 288
Hunter, W. 286
Hutton, T.A. 103
Hymer, S. 215
Ietri, D. 54
immigration 182, 188
in Los Angeles 297
Mexico 5–8
municipal foreign policy and 182
policy in Chicago 317
impact models 426, 435–6
imperfect competition 278
Imperial Valley 189
Index of Dissimilarity 144
India 55
Indiana 272
Indonesia, internal migration flows
401
Industrial Tourism project 70
information and communication
technology (ICT) 178, 185–6
informational city model 240, 242
infrastructure
enhancing urban competitiveness
41–2
flat strategy 84–5
Mexico 25
hospitals 8–11
railways 21–2
schools 11–13
water supply systems 13–14
transport
see transport infrastructure
Inglehart, R. 77
innovation
by migrant entrepreneurs 474–6
and territory 97–9
Innovation District (ID) 97–9, 101–2,
103–5, 113–19
comparison with 22a District 115
innovation ecosystems 115
local actors, roles and functions 114,
116
main features 120
urban regeneration strategy
113–14
targets 114
innovative milieux 41, 99–100
22@ District 105–13
Institute for Social Security and
Services for State Workers
(InSSSTE) 10
Interagency Committee on Standard
Metropolitan Areas 253
Intermediate Administrative Divisions
402
intermestic policy 179
internal migration 396–403
absolute and recent 401
census and survey data 400–403
Mexico 406–16
mobility transition model 398
regional economics and 398–9
Handbook of research methods and applications in urban economies

related to degree of urbanization 398–400
Todaro’s model of 397
urban development cycles and 398–400
internal scale economies 236–7
International Air Transport Association (IATA) 196
International Conference of Mayors 2003 187
International Monetary Fund (IMF) 189
international municipal associations 187–8
international relations 177–9
international trade 35–7, 183, 184–5
sanctions policy 199–200
International Union of Local Authorities (IULA) 187
Internet 185–6
Interreg 66
intra-metropolitan migration 129–30
Iraq 183, 200
Ireland
use of use of cost-benefit (CBA) guidelines 431
Israel 200
Isthmus of Tehuantepec 5
Italy 189, 215
city regions 274
decentralization 227
Milan 188
Turin 54, 64, 190, 196
Tuscany 55–6
Udine 65
urban and territorial policies 228–9
use of use of cost-benefit (CBA) guidelines 431
Jacobs, B. 446
Jacobs, J. 237, 243, 245, 477
Jakob, A. 129
Jalisco 18–20
Janin Rivolin, U. 227
Japan
foreign direct investment 192
Hiroshima 199
Osaka 198
Tokyo 198, 199
use of use of cost-benefit (CBA) guidelines 430
Japan External Trade Organization’s (JETRO) 196
Jecker Torre & Co. 5–6
Jenks, C. 139
Jessop, B. 210, 211, 212, 223
Jianfang Zhu 79
Jiangsu 82, 93
Jiménez, M. 138
Johannesburg 180
John, P. 450
Johnson, J. 413
Jonas, A.E.G. 220
Judge, D. 219, 220
Kansas City 277
Kansas City Gateway Project 197
Kantor, P. 219
Karlsruhe 42
Karlsson, C. 287
Kasarda, J. 307–8, 310–11
Kaskinoro, H. 215
Kavaratzis, M. 55
Katzman, R. 139
Keating, M. 212, 214
Keil, R. 175, 215
Keith, M. 209
Kelly, C. 430
Kenichi Ohmae 250
Kentucky 272
Kenya 194
census data 160
Health and Demographic Surveillance System 161–2
Kisumu 194
Kenyan Open Data Initiative 161
Keynes, J.M. 300
Killen, S. 139
Kincaid, J. 198
King, R. 400, 410
Kiribati
gross domestic product (GDP) 2009 178
Kisumu 194
Kitson, M. 36
Klein, J.L. 100, 209
Klemansky, J, 449
Kloosterman, R. 472
Klove, R.C. 252, 253
Knight, R. 243
Knight Foundation 43, 44, 45
knowledge city model 240, 243
knowledge economy 99
Knowledge Roadmap project 66
Knox, P. 215
Kohl, H. 192
Kohonen, T. 484
Kontuly, T. 399
Kooiman, J. 446
Kotkin, J. 178, 181, 182, 274
Kourtit, K. 269, 473, 475, 477
Kresl, P. 38, 44, 215
Krugman, P. 32, 35, 39, 287
Kumar, C. 244
Kyoto Protocol 200

La Laguna 7
La Sagrera 105
labour markets
metropolitan units of analysis and 243–6
mobility 130–31, 156
and population growth 300–301
Labrador 189
Lachine Canal 104
Land-Use Transport Interaction Models 426–7
Landry, C. 99, 103, 243, 477
Lang, R.E. 248, 249, 250
Larger Urban Zones (LUZ) 254
Las Vegas 182, 190, 196–7
production of goods and services 2009 177
Las Vegas Convention and Visitors Authority 196–7
Latin America
Brazil 55, 190
demographics and spatial mobility 128–31
internal migration flows 401
relative proportion of city to national population 133
Sao Paulo 190
social inequality in 127–8
urban population 127
urban/rural dichotomy 137
Chile 134
internal migration flows 401
relative proportion of city to national population 133
Santiago 134
urban concentration and deconcentration 134–5
Colombia
Bogota 134
internal migration flows 401
relative proportion of city to national population 133
demographics and spatial mobility 128–31
Ecuador
internal migration flows 401
El Salvador 200
Guatemala 200
housing policy 141
Jalisco 18–20
land use regulations 139–40
Mexico
Acapulco 21, 419
Acapulco General Hospital 10
agrarian distribution policy 6–8
Baja California 5–6, 17
Campeche 21
Chapala 19
Chilpancingo 10
Ciudad Delicias 7
Ciudad Juárez 419
Coahuila 5, 7
colonization policy 5–8
Constitution 452–3
Cozumel 15
Culiacán 21–2
differential urbanization in 400
El Besos 104
federal boards for material improvements 14–16
federal government 3–4, 16–20, 452
General Cepeda 10
Guadalajara 19
Guerrero 5
human settlements policy 3, 7, 22–4
immigration policy 5–8
impact of globalization on urban growth 134
internal migration flows 401, 402
internal migration pathways 406–16
León 451–2, 460–66
local government 442, 452–3
Mexico City 9, 10, 17, 18, 21, 320–39, 404
Monterrey 18, 419
municipalities 442
Nuevo León 18
Piedras Negras 194
population growth and urbanization 403–6
public works and infrastructure 8–14, 21–2
public-private partnerships 448–9
Puebla 5
Ramos Arizpe 10
regime theory in 449–50
relative proportion of city to national population 133
San Luis Potosí 5, 10, 18, 19, 20
Sonora 6
territorial organization policy 4–8
Tlaquepaque 19
urban planning 3–4, 16–20
Uruapan 419
use of use of cost-benefit (CBA) guidelines 430
Veracruz 5, 6
Yucatán 22
Zacatecas 10
Zapopan 19
Paraguay
relative proportion of city to national population 133
population censuses 142–3
poverty and socio-spatial segregation 137–41
public policy planning 144–5
social inequality 127–8, 137–41
urban population concentration and deconcentration 131–5
urbanization 127
Uruguay
urban concentration and deconcentration 134–5
Venezuela
internal migration flows 401
relative proportion of city to national population 133
see also South Africa
Latin-American Demographic Center (CELADE) (UN) 128
Lattes, A. 132, 135, 136
Latvia
use of use of cost-benefit (CBA) guidelines 431
Laura, M. 220
Lauster, N. 411
‘Laws of Migration’ 396–7
Lazo, C. 21
Le Corbusier 241
Le Galès, P. 207, 222, 223, 224
Lee, E. 397
Leeds 65
Lefebvre, H. 208
Lefèvre, Ch. 224
León 451–2, 460–66
economic and political context 460–62
power groups and organizations 462–3
Lerise, F.S. 167
Lessard, M. 117
Lezama, J. 269
Light, I. 188
Limin Wu 79
Lind, Michael 298
Lindsay, Greg 307–8, 310–11
Lindstrom, D. 411
Lingli Lou 77
Lipietz, A. 97, 99, 100, 102, 117
LISA (Local Indicator of Spatial Association) 143–4
Lithuania
use of use of cost-benefit (CBA) guidelines 431
Liverpool 41
living standards
Africa 155–6, 159–60
in competitive cities 37–8
Latin American cities 137–41
Liyan Yang 78
local elections 186
local government 445–7
Mexico 442, 452–3
municipal foreign affairs policy capacity for 193
development of 182–4
economic globalization 184–5
electoral considerations 186
ethnic associations 188
ICT revolution 185–6
international organizations HQ 196
maintaining offices abroad 196–7
municipal competition 191–3
national and international associations 187–8
restrictions on 188–90
twinning relationships 193–4
role in economic development 443–5
Local Indicator of Spatial Association (LISA) 143–4
localism 444
localization economies 41–2, 237
Logan, J.R. 220
London 32, 64, 65, 188, 198, 273
Lopez Portillo, J. 13, 22, 23
Los Angeles 43, 183, 188, 198, 271, 297
immigrants in 182
Oaxacan Foundation 197
production of goods and services 2009 177
Los Angeles Combined Statistical Area (CSA) 271
Loveridge, S. 447
Lowry, I. 296–7
Luis, R. 78
Lund 287
Lykken, D. 78
Lyman, B. 444
Lyon 190, 196, 198, 199, 273
Mackie, P.J. 430, 431, 433
MacLeod, G. 210, 211, 212
Madanipour, A. 222
Madison, Wisconsin 277, 287
Madrid 32, 188, 260–61
Maibach, M. 430
Maillat, D. 99, 102
Mair, A. 206, 222
Major Administrative Divisions (MADs) 402
Malawi 168
Malaysia, internal migration flows 401
Maldonado, S. 457
Malecki, E.J. 37, 45, 284
Malmberg, A. 284
Malta
use of use of cost-benefit (CBA) guidelines 431
Manchester 41, 64, 198
Manning, B. 179
Manski, B. 184, 200
Manville, M. 286
Manzarella, A. 6
Marcandola, E. 130, 131
Markusen, Ann 43, 48, 53, 283, 285
Marshall, A. 237, 244, 252
Marshall-Arrow-Romer (MAR) 237, 243
Marshallian centripetal forces 287
Marshallian industrial district 242
Marston, S.A. 210
Martens, K. 433
Martinez, P. 9, 20
Mascarell, F. 111
Maskell, P. 34
Massachusetts 200
Massard, N. 99
Massey, D. 443
Matamoros 13
Mathur, V. 286
Matos, R. 129
Mayer, S. 139
Mayntz, R. 445
Mbembe, A. 156, 159, 165, 168
McCann, P. 399
McCarie, W. 195
McCarran Airport 197
McCartney, P. 443
McDonal, J. 269, 295, 296, 297, 301, 302, 303, 313
McGill University 103, 116, 118, 119
McGranahan, G. 155–6, 157, 158
McKinsey and Associates 200
McMillen, D. 301, 302
Mega, V. 444
Megalopolis 249
Megalopolis. The Urbanized Northeastern Seaboard of the United States 249–50
Meijers, E. 277
Melkert, J. 437
Mennonites 6
Mercedes-Benz 192–3
Mercosur 189
metropolitan labour markets 243–6
Metropolitan Statistical Area (MSA) 271
indicators of urban competitiveness 44–5
Mexicali 197
Mexican Company of Colonization and Agriculture 6
Mexican Social Security Institute (IMSS) 10
Mexico
Acapulco 21, 419
Acapulco General Hospital 10
agrarian distribution policy 6–8
Baja California 5–6, 17
Campeche 21
Chapala 19
Chilpancingo 10
Ciudad Delicias 7
Ciudad Juárez 419
Coahuila 5, 7
colonization policy 5–8
Constitution 452–3
Cózumel 402
Culiacán 21–2
differential urbanization in 400
federal boards for material improvements 13, 14–16
federal government 452
General Cepeda 10
Guadalajara 18, 19
Guerrero 5
human settlements policy 3, 7, 22–4
immigration policy 5–8
impact of globalization on urban growth 134
internal migration flows 401, 402
internal migration pathways 406–16
Jalisco 18–20
León 451–2, 460–66
economic and political context 460–62
power groups and organizations 462–3
local government 442, 452–3
Mexico City 9
air pollution 320–21
Medical Center 10
planning regulations 17, 18, 21
population growth and urbanization 404
Monterrey 18, 419
municipalities 442
Nuevo León 18
Piedras Negras 194
population growth and urbanization 403–6
public works and infrastructure
hospitals 8–11
railways 21–2
schools 11–13
water supply systems 13–14
public-private partnerships 448–9
Puebla 5
Ramos Arizpe 10
regime theory in 449–50
relative proportion of city to national population 133
role in urban planning 3–4
San Luis Potosí 5, 10, 18, 19, 20
Sonora 6
territorial organization policy 4–8
Tlaquepaque 19
urban planning
decentralization of regulation 16–20
federal boards for material improvements 13, 14–16
hospitals 8–11
human settlements policy 3, 7, 22–4
regulation and coordination 16–20
role of federal government 3–4, 16–20
schools 11–12
territorial organization policy 4–8
water supply systems 13–14
Uruapan 419
use of use of cost-benefit (CBA) guidelines 430
Veracruz 5, 6
Yucatán 22
Zacatecas 10
Zapopan 19
Mexico City 320–39
air pollution 320–21
Medical Center 9, 10
planning regulations 17, 18, 21
Index

population growth and urbanization 404
Miami immigrants in 182
production of goods and services 2009 177
migrant entrepreneurship
business growth strategies 474–6
business performance analysis 473–4, 478
critical success factors 478–81
Self-Organizing Maps (SOMs) 487–93
Super-Efficient Data Envelopment Analysis (Super-DEA) 485–6
first and second generation 474–6
sector orientation 476–7, 493–4
Self-Organizing Maps (SOMs) 484–5
socio-economic impacts 473–6
cultural diversity 477–8, 493
human capital 476–7, 493
innovation and growth 475–6, 493
Super-Efficient Data Envelopment Analysis (Super-DEA) 482–3
migrant networks 472
migration
Africa 154–7
decision factors 397
globalization and 473
internal flows 396–403
absolute and recent 401
census and survey data 400–403
Mexico 406–16
mobility transition model 398
regional economics and 398–9
related to degree of urbanization 398–400
Todaro’s model of 397
urban development cycles and 398–400
intra-metropolitan 129–30
outgoing 135
Ravenstein’s laws of 396–7
socio-economic impacts of 472–3, 474–8
and urban growth 300–301
migration impact assessment (MIA) 472–3
Milan 188
milieux
creative cities 287
innovative 41, 99–100
22@ District, Barcelona 105–13
Miller 244
Milwaukee 277
Minneapolis-St. Paul 275, 277
production of goods and services 2009 177
Minor Administrative Divisions 402
Mississippi 189
mobility transition model, migration 398
Molotch, H. 220
monopolies 278
Monterrey 18, 419
Montin, S. 446, 447
Montreal 196
Innovation District (ID) 97–9, 103–5, 113–9
emerging technological district 101–2
urban regeneration strategy 113–14
Morales, S. 456, 457
Moran Global 144
Moran Scatter Diagram 83–4
Morelia 13, 419
Morelos 5
Morgan, K. 211
Morisugi, H. 433
Mormons 6
Moroccan entrepreneurs 478–81
Moscow 32
Moshi Town 167
Mossberger, K. 220, 449
Muller, P. 4
Multi-Criteria Analysis (MCA) 425, 428–9
Multilateral Agreement on Investment 189
Mumford, L. 248, 249
Munich 273
municipal government
challenges in global setting 175–6
engagement in foreign affairs 182–4
capacity for 192
competition among municipalities 191–3
electoral considerations 186
ethnic associations 188
globalization factors 184–5
ICT factors 185–6
national and international associations 187–8
policies 199–201
restrictions on 188–90
sanctions policy 199–200
Murdoch, J. 213, 214
Murillo, L. 445
Musgrave, R. 278
Muth, R. 300–301
multiculturalism 477–8, 493
Myanmar 200
Mzuzu 168
Nairobi
Health and Demographic Surveillance System 161–2
narratives 168–9
Natera, A. 446
National Commission for Border Urban Development 22
National Hospital Plan 1943 (Mexico) 8–11
National Irrigation System 7
National League of Cities (NLC) 187, 198
national municipal associations 187–8
National Planning Commission (Mexico) 17
National Transborder Program 22
National Urban Mortgage and Public Works Bank (Mexico) 13
nation-states, ‘hollowing out’ 211, 212
Negrete, M. 135, 404
Negrey, C. 46, 47
neighbourhood effect 139
Nellthorp, J. 431
Nelson, A.C. 248, 250
Netherlands
Amsterdam 32, 43, 64, 474, 479
Hague, The 474, 479
migrant entrepreneurship in 474, 478–81, 493
Randstad region 277
Rotterdam 60, 64, 474, 479
Erasmus University 60
use of use of cost-benefit (CBA) guidelines 430, 431–3
Utrecht 474, 479
network economies 237–8
New Approach To Appraisal (UK) 430
New Jersey 54, 271
New Population Centers (Mexico) 7
New Public Management 445
New Regionalism 212–14
New York 32, 43, 45, 54, 64, 297–8
economic forecasting projects 295–6
production of goods and services 2009 177
New York City 183, 188, 198, 199, 271
New York Metropolitan Study 295–6
New Zealand
use of use of cost-benefit (CBA) guidelines 430
Newcastle 275
Newfoundland 189
Newman, P. 208, 212
Ni Pengfei 49–50, 215
Nigeria 200
urbanization levels 155
Nijkamp, P. 269, 472, 473, 475, 476
Nijland, H. 426
Nissan 193
Nnkya, T. 167
Nordlec incubator building 118
North American Free Trade Agreement (NAFTA) 183, 189, 197, 279, 443
North Carolina 287
Charlotte 182, 195
production of goods and services 2009 177
Raleigh-Durham 287
North Korea 178
Northern Ireland 200
Norton, A. 213, 214
Norway
use of use of cost-benefit (CBA) guidelines 430
Nouvel, J. 112
Nuevo León 18
Nuttall, S. 156, 159, 165, 168
Nyborg, K. 430
Oakland 200
Oatley, N. 222, 230
Oaxacan Foundation 197
Oberbayern 273
Obregón, Á. 6
Odeck, J. 430
Ogaz, H. 398
O’Hare International Airport 271–2, 310–11
Ohlin, B. 236
Oklahoma City 182, 277
oligopolies 278
Olivier, C. 191, 192
Olympics 32, 195–6
O’Neill, T. 179
Ontario 34, 287
Onyebueke, V. 156
Oppenheim, J. 200
Organisation for Economic Co-operation and Development (OECD) 229
Orihuela, I. 456
Ottawa 189
Ottaviano, G. 276
Ottawa 189
outgoing migration 135
Paasi, H. 207
pan-agglomeration economies 238
Pani, M. 10, 13, 21, 22, 25
Paraguay
relative proportion of city to national population 133
participative government 445
Pareto optimality 290
Paris 32, 189, 190, 198
Parkinson, M. 44
Parnell, S. 158
Parr, J. 273
Partners for Healthy Cities 65
Passel, J. 404
path dependence 282–3
Patriot Act 2001 200
Paul, D. 275
Peking University 79
Peña, D. 411
Peña, F. 13
Pennsylvania 192, 271, 288
Pereira, R. 130
Peri, G. 276
Peters, G. 445, 446
Peterson, P.E. 219
Philadelphia 54, 183, 272
production of goods and services 2009 177
Philippines
internal migration flows 401
Phoenix, Arizona 44–5
Phoenix-Mesa
production of goods and services 2009 177
Piedmond 54
Piedras Negras 194
Pierre, J. 222
Pieterse, E. 156, 157, 158, 159, 168
Pilati, T. 113
Pile, S. 209
Pimentel, M. 135
Pittsburgh 272
path dependent growth 282–3
production of goods and services 2009 177
Planetarium 118
Planning and Urbanization Law 1959 19
planning units 271–5
Poblenou 103–5, 107–8
Poland 215, 218
use of use of cost-benefit (CBA) guidelines 431
Pollard, J. 46–7
polycentric regions 215, 277
Poot, J. 472, 476
population
Africa
urbanization 154–7
and employment growth 300–301
forecasting 295–6, 313–15
Latin America
demographics and spatial mobility 128–31
spatial mobility of 128–31
urban concentration and deconcentration 131–5
Population Reference Bureau 175
Porfirio Diaz, José de la Cruz 5, 6
Handbook of research methods and applications in urban economies

Port Authority of New York and New Jersey 272
Porter, M.E. 32, 40, 97, 99, 100, 102, 283, 445
Porter, M.J. 237, 242, 262
Portes, A. 446
Portland production of goods and services 2009 177
Portugal internal migration flows 401
use of use of cost-benefit (CBA) guidelines 430, 431
Potts, D. 154–5, 169
poverty in Latin American cities 127–8
and socio-spatial segregation 137–41
Prato 252
Pred, A. 237, 256
PricewaterhouseCoopers 49
Priemus, H. 269, 436
pro-growth regimes 449
PRONASOL 458
Providence 181
public services infrastructure Africa 158
public-private partnerships case studies
León 451–2, 460–66
Toluca 451–2, 453–60
economic contexts 453–6, 460–62
joint ventures 448
leader-follower collaboration 447
partnerships 448
political contexts 456–8
regime theory 449–50
seller-buyer collaboration 448
typology 447–50
Puebla 5, 6
Puerto Rico 178
Putnam, R.D. 472
Quarterier Bonaventure 104, 118
Québec 104, 184
Raffestin, C. 224, 247
Raleigh 182
Raleigh-Durham 287
Rambla Prin 105
Rámirez Vázquez, P. 11, 25
Ramos, A. 446
Ramos Arizpe 10
Randstad region 277
Rank Xerox 49
Ratcliffe, M.R. 252
Rath, J. 472
Ravenstein, E. 396–7
Reed, H.C. 215
regime theory 220–24, 449–50
regional cities 198
regional competitiveness 39–40
regional skew development strategy 93–5
regionalism 212–14
Regulation for the Service of Colonization 7
Regulatory Plan for the Valley of Mexico 17
Reich, R. 33, 304, 316
Rhône-Alpes 288
Rietveld, P. 432
Rigotti, J. 129
Riguzzi, P. 5, 6
Riverside-San Bernardino production of goods and services 2009 177
Roanoke 194
Roberts, B.H. 281
Robinson, V. 168
Rodrigues, R. 129
Rodriguez, J. 129, 131, 132, 135, 138, 398
Rodriguez, V. 20
Rodriguez- Pose, A. 212, 213
Ronda, S. 17, 18
Rondinelli, D. 36, 54
Ross, C. 251
Rostow, W. 398
Rotterdam 60, 64
Erasmus University 60
migrant entrepreneurship in 474, 479
Roubini, N. 298
Rousseau, S. 98
Roy, A. 168
Rozenblat, C. 254
Ruiz-Massieu, F. 3
Sabatini, F. 138, 140
Sacco, P.L. 102
Sacco, P.L. 102
Sacramento 168
Sacramento production of goods and services 2009 177
Safe City project 71
Sahin, M. 475, 476
SAHOP-COPLAMAR Program 13, 22–4
Salazar, H. 404
Salinas, R. 18
Salone, C. 206, 222, 227, 237, 246
Salt, J. 415
Salt Lake City 195–6
Saltalamacchia, H. 453
Salttillo Hospital 9–10
Sampson, R. 139
San Antonio 195
San Diego 189, 197
production of goods and services 2009 177
San Diego Dialogue 197
San Francisco 183, 198
production of goods and services 2009 177
San Jose production of goods and services 2009 177
San Luis Potosi 5, 10, 18, 19, 20
Sánchez, M. 16, 17, 269
sanctuary cities 200
Sandy 194
Santiago 134
Sao Paulo 190
Saskatchewan 287
Saskatoon 287
Sassen, S. 102, 103, 132, 180, 188, 215, 269, 282
satellite industrial platforms 48
Saudi Arabia 200
Savitch, H.V. 219, 447
Schaefller, P. 447
School Census 143
Schrock, G. 43, 53, 285
Schteingart, M. 138
Schultze, C. 196
Schumpeter, Joseph 175, 178
scientific parks, urban 99–103, 104, 280
Scott, A. 102, 103, 108, 188, 215, 278, 280, 477
Seattle 183, 186, 194, 198
international programs 194–5
production of goods and services 2009 177
Secretariat of Health and Welfare 10
Secretariat of Human Settlements and Public Works 23
Secretariat of National Wealth (SBNIA) 21
Secretariat of Public Works (SCOP) 20, 21
self-enumeration projects 161
Self-Organizing Maps (SOMs) 474, 478, 480, 484–5, 487–93, 494
Seoul 198
Seville 274
Sforzi, F. 244, 246, 252
Shanghai 180, 198
Shanghai Normal University 70
Shaofu Zhou 79
Sharp, J.P. 209
Sheffield 41
Shiller, R. 298
Shouwei Yuan 79
Shryock, H.S. 252, 253
Silicon Valley 178, 195, 280
Simone, A. 156, 157, 159, 168
Singapore 198
Singh, B. 38, 44
Sister-Cities International 193–4
Skeldon, R. 400, 410
Skinner, C. 157
Skupin, A. 484
Skype 185
Slovak Republic
use of use of cost-benefit (CBA) guidelines 431
Slovenia
use of use of cost-benefit (CBA) guidelines 431
Slum Dwellers International (SDI) 161
slum housing, Africa 158, 161–2
Smith, Adam 32, 299
Smith, D.A. 256
Smith, M.P. 215
Sobreira, D. 130
Sobrino, J. 398, 400, 454
social cohesion 43–4
social reform regimes 450
Soja, E. 208, 210
Solow, R. 398–9
Sonora 6
South Africa 167, 183, 199
apartheid era 183
Cape Town 167
internal migration flows 401
Johannesburg 180
use of use of cost-benefit (CBA) guidelines 430
South America
Argentina
Buenos Aires 134, 137
internal migration flows 401
relative proportion of city to national population 133
urban concentration and deconcentration 134–5
Costa Rica 401, 402
South Carolina 191–2
South Korea 198
Southern Cone Common Market (Mercosur) 189
Soviet Union 200
Spain 288
Andalusia 274
Barcelona 32, 60, 64, 69, 273
22@ District 97–9, 101–2, 103–13, 115, 120
El Prat 104
La Sagrera 105
Poblenou 103–5, 107–8
population and surface 260–61
Rambla Prin 105
unit of analysis research 252–62
Catalonia 184, 273–4
Chihuahua 6, 7
city regions 273–4
Durango 7
Madrid 32, 188, 260–61
Seville 274
use of use of cost-benefit (CBA) guidelines 431
Spartanburg 191–2
spatial mobility 128–31
Spatial Moran’s I 144
Spiegel, A. 160
Spielman, S. 484
sport, role in city marketing 64
Sports and City Marketing project 69
Spriano, G. 99
St. Étienne 273
St. Louis 277
production of goods and services 2009 177
Stark, O. 411
state-anchored industrial districts 48
Stein, S. 286
Stimson, R.J. 281, 283, 289
Stockholm 288
Stoker, G. 220, 221, 449
Stolarick, K. 100, 113
Stone, C. 220, 449
Storper, M. 42, 44, 46–7, 102, 108, 205, 211, 286
story telling 168–9
Stough, R. R. 281
Strategic Economic Planning (SEP) 269–91
city characteristics 275–8
definition 269–70
design and implementation 288–90
bottom-up approach 289
top-down approach 288
elements of clusters 283–4
distinctiveness 285
path dependency 282–3
size 286–8
time horizon 281–2
urban amenities 285–6
the need for 278–81
planning for the future 291
planning unit specification 271–5
Strategic Environmental Assessment (SIA) 428
Strom, E. 219, 223
sub-global cities 198
subjective well-being (SWB) 76–9
China
influencing factors 84–92
regional distribution 81–2
spatial distribution maps 82–4
survey data 79–81
subnationalism 179
suburbs 302–3
Sudan 200
Index 521

Super-Efficient Data Envelopment Analysis (Super-DEA) 473, 478, 480, 482–3, 494
supranational organizations 443
supranationalism 179
Survey of the Subjective Well-being of Urban Residents 76, 79
Suzuki, S. 483
Sweden 287
Gothenburg 64
Lund 287
Stockholm 288
Uppsala 287
use of cost-benefit (CBA) guidelines 430, 431
Switzerland 200
Basel 64
use of cost-benefit (CBA) guidelines 430, 431
Swyngedouw, E. 208, 210
Taiwan 81–2
Tajikistan 194
Tampa-St. Petersburg
production of goods and services 2009 177
Tanzania 167
Moshi Town 167
Tanzanian Socio-economic Database 161
Tao Wang, 78
Taylor, J. 378, 382, 392, 399, 409, 411
Taylor, P.J. 179–80, 180–81, 182, 188, 215, 256, 411
Taylorist city model 239, 241
technopoles 99–103, 118
22@ District 103–5
Tellegen, A. 78
Tennessee 272
Territorial Agenda of the European Union 211
Territorial Local System (TLS) 225–6
territorial organization 205–30
city models 238–43
collective action and 205–6
construction of territory in global context 207–9
definition 206–7
European spatial planning 226–9
globalization and 205–6
innovation and 98–9
power structure and distribution 219–22
regions and cities 211–12
regionalism 212–14
urban development 214–18
scale and 210–11
Territorial Local System (TLS) 225–6
urban governance 222–4
see also clusters
Texas 181–2, 287
The International Union of Local Authorities (IULA) 187
Thill, J. 484
Thomopoulos, N. 432
Thrift, N.J. 215
Tianjing 82
Tiebout, C. 219
Tijuana 197, 419
Timberlake, M. 256
Tlaquepaque 19
Todaro, M. 397
Tokyo 198, 199
Toluca 451–2, 453–60
economic and political context 453–6
power groups and organizations 456–8
public-private partnerships 458–60
Tomaney, J. 212
Toronto 32
Toronto Congress 242
Torre, A. 99
Torres, G. 446
Torres, H. 138, 139–40, 141, 144–5
Torres Bodet, J. 11, 12
tourism 184–5
Toyota 33–4
Trade Development Alliance of Seattle 186, 194
transport infrastructure 423–39
ex ante project evaluation
challenges 434–8
Cost-Benefit Analysis (CBA) 424, 427–9, 432–4, 438
environmental impact assessment 428
impact models 426, 435–6
Land-Use Transport Interaction
Models 426–7

Multi-Criteria Analysis (MCA)
425, 428–9

trip based models 425–6, 435–6
investment costs 423–4
planning 296

Tremblay, D.G. 98, 99, 100, 102, 103, 113, 117

trip based models 425–6, 435–6

Triumph of the City 307

Trullén, J. 237, 246, 248, 256, 257, 259

Turin 54, 64, 190, 196

Turok, I. 33, 45, 285

Tuscany 55–6

Tuxpan 15
twinning relationships 193–4

Tyson, L. 34–5

Udine 65

Uduku, O. 444

Ugalde, V. 16, 17, 18, 22, 23

Ullman, E.L. 247

UN-HABITAT 128, 134, 137–8, 141, 158, 188, 189

Unikel, L. 5, 404

United Cities and Local Government (UCLG) 187

United Kingdom 200, 215

Birmingham 64
city regions 273

Leeds 65

Liverpool 41

London 32, 64, 65, 188, 198, 273

Manchester 41, 64, 198

Newcastle 275

Northern Ireland 200

Sheffield 41

use of cost-benefit (CBA) guidelines 430, 431

United Nations

Latin-American Demographic Center (CELADE) 128


UN-HABITAT 128, 134, 137–8, 188, 189

United Nations Development Programme (UNDP) 53, 400

United States

Alabama 34

Atlanta, Georgia 32, 183
production of goods and services 2009 177

Austin, Texas 182, 184, 287

Boston, Massachusetts 181, 183, 195, 198
production of goods and services 2009 177

Boulder, Colorado 194

California 33

Imperial Valley 189

Los Angeles 177, 182, 188, 197, 198, 271, 297

Oakland 200

Silicon Valley 178, 195, 280

Carnegie-Mellon University 282

Chicago 32, 183, 188, 198, 271, 277, 297–8, 308–17
attributes and challenges 309–10
demographic diversity 308–9
economic forecasting 296, 313–16
immigration policy 317
infrastructure 309, 317
local economy 308

O’Hare International Airport 271–2
path dependent growth 282–3
production of goods and services 2009 177
socio-economic conditions, 1990s and 2000s 311–15

Cincinnati
production of goods and services 2009 311–15
city marketing 198
city networks 180–81

Cleveland, Ohio 184, 189
production of goods and services 2009 177

Colorado 194, 272, 288

Connecticut 33, 189, 271

Dallas, Texas 32
production of goods and services 2009 177
deindustrialization 291

Delaware 54, 271
Denver, Colorado 32, 198, 277
production of goods and services 2009 177
Department of Labor 305
Detroit, Michigan 32, 178, 183
production of goods and services 2009 177
economy 178, 190, 193, 297–8
creative class theory 306
employment projections 305
financial crisis and recession 303–6
service economy 306
foreign direct investment 191–3
global economic activity 184–5
gross domestic product (GDP) 1999–2007 198
gross domestic product (GDP) 2009 178
Houston, Texas 196
production of goods and services 2009 177
Indiana 272
internal migration flows 401
Kansas City 277
Kansas City Gateway Project 197
Kentucky 272
Las Vegas 182, 190, 196–7
production of goods and services 2009 177
Las Vegas Convention and Visitors Authority 196–7
Los Angeles 43, 183, 188, 198, 271, 297
immigrants 182
Oaxacan Foundation 197
production of goods and services 2009 177
Los Angeles Combined Statistical Area (CSA) 271
Madison, Wisconsin 277, 287
metropolitan areas 175–6
growth in 181–2
production of goods and services 2009 177
Miami 182
immigrants in 182
production of goods and services 2009 177
Milwaukee, Wisconsin 277
Minneapolis-St. Paul 275, 277
production of goods and services 2009 177
Mississippi 189
municipal government 175–6
national and international associations 187
New Jersey 54, 271
New York 32, 43, 45, 54, 64, 297–8
economic forecasting projects 295–6
production of goods and services 2009 177
New York City 183, 188, 198, 199, 271
North Carolina
Charlotte 177, 182, 195
Raleigh-Durham 287
Oklahoma City 182, 277
Orlando, Florida 182
production of goods and services 2009 177
Pennsylvania 192, 271, 288
Philadelphia 54, 183, 272
production of goods and services 2009 177
Phoenix, Arizona 44–5
Phoenix-Mesa
production of goods and services 2009 177
Pittsburgh 272
path dependent growth 282–3
production of goods and services 2009 177
Portland
production of goods and services 2009 177
Riverside-San Bernardino
production of goods and services 2009 177
Roanoke 194
Salt Lake City 195–6
San Antonio 195
San Diego 189, 197
production of goods and services 2009 177
San Francisco 183, 198
production of goods and services 2009 177
San Jose
production of goods and services
2009 177
Seattle 177, 183, 186, 194, 198
international programs 194–5
South Carolina 191–2
St. Louis 277
Strategic Economic Planning (SEP)
269–91
suburbs 181
Tampa-St. Petersburg
production of goods and services
2009 177
Tennessee 272
Texas 181–2, 287
Upstate New York 271
urban decline and regrowth 296–7
use of cost-benefit (CBA) guidelines 430
Utah 194, 195–6
Virginia 194
Wisconsin 287
United States Conference of Mayors
176, 187
United Towns Organization (UTO)
187
university cities 287–8
University of Pittsburgh 282
Uppsala 287
Upstate New York 271
urban amenities 285–6
urban comparative politics 219–20
urban competitiveness 32–57
application of theory 52–6
city marketing 55–6
effective governance 52–4
externally imposed determinants 61–2
asset bases and capacity 41–2
creativity and knowledge 40–41
culture 42–3
productivity 39–40
social cohesion 43–4
in a global context 191–3
indicators
composite variables 38–9
employment rates 46–7
exports and balance of trade 35–7
living standards and GDP 37–8
internally generated determinants 44–5
measurement
benchmarks 49–50
conceptual approach to 46–9
quantitative approach to 50–51
urban development cycles 104, 398–400
urban economies 175–7
Urban Nation 200
urban networks 246–8
urban planning
Strategic Economic Planning (SEP)
269–91
urban regeneration
22@ District 97–9, 103–6
growth factors 111
strategy 106–7
Innovation District (ID) 103–5, 113–19
targets 114
Innovation District (ID), Montreal
113–19
urban regime theory 220–22
urbanization
Africa 154–7
Nigeria 155
stagnation in 154
Zambia 154
growth in United States 175–6
social consequences 131
Urbanization Councils (Mexico) 19
urbanization economies 41–2, 237
Uruapan 419
Uruchurtu, E.P. 17
Uruguay
urban concentration and deconcentration 134–5
Utah 194, 195–6
utility function 77
utility theory 426
Utrecht
migrant entrepreneurship in 474, 479
Valley of Guadeloupe 6
Value of Time (VOT) 433
Van Dam, F. 435
Van den Berg, A.E. 104
Van den Berg, L. 55, 61, 64
Van Hecke, S. 196
Index 525

Van Wee, G.P. 269, 426, 436, 437
Vancouver 65
Vargas, R. 8
Veenhoven, R. 76
Vega, A. 460
Veiga, J. 137
Veltz, P. 102, 103, 209
Venables, A. 287
Venezuela
   internal migration flows 401
   relative proportion of city to national population 133
venture capital 280
Veracruz 5, 6
Vietnam, internal migration flows 401
Vieux Port 104
Vigar, G. 275, 276
Vila, V. 22
Villa, M. 132, 138
Villaça, F. 130, 131
Villagrán, J. 25
Ville de Montréal 113, 117
Virginia 194
Visser, P. 435
Value of Time (VOT) 429
Vliet, M. 446
voice-over-Internet protocol (VoIP) 185
Volkswagen 192–3
Walker, D. 188
Walzer, N. 446
Ward, P. 3
Washington D.C. 183, 198, 200
   production of goods and services 2009 177
Waterloo-Kitchener 287
water supply systems
   Africa 158
   Mexico 13–14
Watson, V. 159, 166, 167, 192
Wealth of Nations 299
Weber, A. 236

well-being
   see subjective well-being (SWB)
West Bank 178
Who's Bashing Whom? 34–5
Wilson, J. 139
Wisconsin 287
Wolfe, D. 100, 284
Wolff, G. 215
Wood, A. 220
World Bank 476
World Energy Cities Partnership 196
World Summit of Cities and Local Authorities 187
World Summit of Cities and Local Authorities on the Information Society 187
World Trade Organization (WTO) 183, 189
World Values Survey (WVS) 77, 79
World Wide Web 185–6
Wu, W. 180

Xiaolan Yang 79

Yan, J. 484
Yeoh, B. 215
Yuanping Lu 78
Yucatán 22
Yurecuaro, Mich. General Hospital 10
Yusuf, S. 180
Zabin, C. 411
Zacatecas 10
Zambia 154
Zapopan 19
Zelinsky, W. 398, 416
Zhanjun Xing 79
Zhejiang 79, 82, 93
Ziccardi, A. 20, 453
Zickel, M. 46, 47
Zikirán, S. 9
Zuleta, M 6