

DAVID H. KAPLAN JAMES O. WHEELER STEVEN R. HOLLOWAY THOMAS W. HODLER, CARTOGRAPHER



CONTENTS

reface vii	Wrapping Up 19
	Readings 20
PART I: Introduction to Cities and Urban	•
Geography	2 THE ORIGINS AND DEVELOPMENT
AN INTRODUCTION TO URBAN	OF CITIES 22
GEOGRAPHY 1	What are Cities? 23
introduction 1	Preconditions to Urban Formation 24
The Field of Urban Geography 2	Ecology, Technology, and Power 24
Γhe Origin and Evolution of Urban Geography 4	Box 2.1 25
The Four Traditions, 1900–1970 4	Box 2.2 26
The Physical Tradition 4	Theories of Urban Origins 26
The Human-Environment Tradition 5	Agricultural Surplus 27
The Regional Tradition 6	Religious Causes 28
The Spatial Tradition 6	Defensive Needs 29
Precursors of Spatial Analysis in Urban	Trading Requirements 29
Geography 6	Patterns of Early Urbanization 30
European Influences on Spatial Analysis in	Locations of Early Cities 31
Urban Geography 7	Diffusion of Urbanization 32
Extradisciplinary Influences on Spatial	Urban Evolution and Early Economic
Analysis in Urban Geography 8	Imperatives: Traditional Cities 32
Critiques of Spatial Analysis in Urban	The Early City-States: Sumeria 33
Geography 8	Other Ancient Cities 36
Geographic Information Science and Urban	Egypt 36
Geography 11	Indus Valley 36
Box 1.1 12	Northern China 37
Substantive Trends in Urban Geography 14	Mesoamerican Cities 37
Urbanization and Global Cities 14	Imperial Cities 38
Feminist Urban Geography 15	Box 2.3 39
Urban Cultural Geography 16	Rome's Contribution to Urban
Urban Historical Geography 17	Development 42
Locational Analysis in Urban Geography 17	Cities as Engines of Economic Growth: Capitalism,
Introduction to This Textbook 18	Industrialism, and Urbanization 43
	_

x CONTENTS

The New Trading Cities 43	Urbanization Processes 69
A Capitalist Economy 43	Urbanization Curves 70
Box 2.4 44	Central Place Theory 70
The Revival of Urbanization 45	Centrality 71
Northern Italy 47	Range of a Good 71
Northern Europe 47	Threshold 71
Structure and Form of the Trading Cities 47	Hexagonal Trade Areas 72
Political and Economic Structure 47	Rank-Size Rule 72
Spatial Form 49	Kondratiev Waves 73
Box 2.5 50	Urban Growth in America 74
Industrial Cities 51	Meyer-Wyckoff Frontier Cities Model 74
Box 2.6 52	Vance Mercantile Cities Model 75
Industrial Revolution 52	Contemporary Urban-Economic Restructuring 76
Changing Logic of City Location 54	Empirical Examples 76
Elements of the Industrial City 56	Box 3.2 78
Wrapping Up 56	Amenities 80
Readings 57	Wrapping Up 80
•	Readings 81
PART II: Metropolitan Systems	
3 THE EVOLUTION OF THE AMERICAN URBAN SYSTEM 58 The American Urban Hierarchy, 1630–2000 59 Colonial Imprints 59 Early Development 59 Shifts in the U.S. Urban Population 62 Metropolitan Dominance 63 Box 3.1 64 Pred's Model 66 Urbanization and Industrialization among U.S. Urban Centers 67 Borchert's Transport Epochs and American Metropolitan Growth 67 Horse and Wagon Epoch, 1790–1830 68 Regional Railroad Network Epoch,	4 GLOBALIZATION AND THE URBAN SYSTEM 83 World Cities 84 World City Hierarchy 84 Changing Functions of World Cities 87 Capitalism, Power, and World Cities 88 Examples of World City Globalization 89 World Cities and Wealth 90 U.S. Law Firms in World Cities 91 Box 4.1 92 International Engineering Services 93 Interconnections among World Cities 94 World City Tourism 96 New York and Los Angeles as Tourist Cities 98
1830–1870 68	The Impact of 9/11 99
National Railroad Network Epoch,	The Impact of 9/11 99 Multinational Corporations 99
National Railroad Network Epoch, 1870–1920 68	Multinational Corporations 99 U.S. Multinational Corporations 101
	Multinational Corporations 99

Wrapping Up 106 Readings 108	Box 5.3 132 Wrapping Up 133 Readings 134
5 TELECOMMUNICATIONS AND THE CITY 109 Box 5.1 110	PART III: The Economic Landscape of the City
History of Computing and Development of the Internet 111 Box 5.2 113 Mainframe Computers 114 Minicomputers to Personal Computers 114 Telecommunications: Geographical Dispersal or Concentration? 115 Telecommunications and Geographic Dispersal 115 Telecommunications and Geographic Concentration 116 Front-Office Activities 116 Universities and Geographic Concentration 117 Domain Names 117 Web Sites and Geographic Concentration 118	6 URBAN LAND USE: THE CENTRAL BUSINESS DISTRICT AND THE GROWTH OF THE SUBURBS 135 Central-City Decline 135 CBD Centrality 136 Development of Central Business Districts 136 The Decline of CBD Centrality and the Rise of Agglomeration Economies 138 CBD Agglomeration Linkages 139 Traditional CBD Characteristics 140 The CBD Core-Frame Concept 140 Zones of CBD Assimilation and Discard 141 Daytime vs. Nighttime CBD Populations 142 Contemporary CBD Retailing 143 CBD Redevelopment and Revitalization 144 Packaging the Entrepreneural CBD 145
The National and Global Fiber-Optic Network 118 Fiber-Optic Cables 119 The Global Internet 119	Contemporary CBD Activities 145 Business and Professional Services in Atlanta 146 Models of Suburban Evolution in North American
U.S. Internet Urban Links 121 Overnight Information Flows 122 Telecommunications and Urban Society 125 Telecommunications and the Transformation of Urban Space 126	Metropolises 147 Location Rent and Urban Land Use 147 Land and Property Values 148 Erickson's Model of the Evolution of the Suburban Space Economy 148
Telecommunications and Financial Markets 127 Telecommunications and Office Economies 128 Intrametropolitan Locations of Professional and Business Services 128 Intrametropolitan Fiber-Optic Loops 129 Wireless Telecommunications 130	Spillover and Specialization 150 Dispersal and Diversification 150 Infilling and Multinucleation 150 The Hartshorn and Muller Model of Suburban Downtown 151 Sprawl 151
The Automobile as Wireless Internet Provider 131	Independence 151 Magnets 152

High-Rise/High-Tech 153	The Chicago School of Sociology 177
Mature Town Center 153	Box 8.1 178
Wrapping Up 153	Traditional Models of Urban Spatial
Readings 154	Structure 182
-	Burgess Concentric Zone Model 182
7 LANDSCAPES OF PRODUCTION 155	Hoyt Sector Model 183
Understanding the Economies of Cities 155	Harris and Ullman Multiple Nuclei
Basic and Nonbasic Economic Activities 156	Model 184
Basic versus Nonbasic Activities 156	More Complex Models 184
Multipliers 156	Social Area Analysis 185
Circular and Cumulative Causation 157	Box 8.2 186
Box 7.1 158	Factorial Ecology 187
Interurban Industrial Production and	The Urban Mosaic 188
Location 159	New Factors Organizing Urban Social Space:
Growth Pole Model 159	Globalization and Postmodernism 188
Stanback Model 160	Globalization: General Trends 189
Manufacturing versus Service	Box 8.3 190
Cities 161	Elements of the Global City 192
The 1980s Rust Belt 162	The Citadel 193
Box 7.2 164	The Enclave 193
Recent Metropolitan Population	The Ghetto 194
Growth 165	"In Between" Neighborhoods in the Global
Human Talent and the Location of High-	City 194
Technology Industry 165	The Gentrified City 194
Intraurban Industrial Production and Location 166	The Suburban City 195
Wheeler-Park Model 166	The Working Class City 195
Product Cycle Model 168	Postmodernism 196
Political Economy Approaches 170	Wrapping up 199
Basic Concepts 170	Box 8.4 200
Circuits of Capital 170	Readings 202
Box 7.3 173	•
Wrapping Up 173	9 URBAN HOUSING MARKETS: SPRAWL
Readings 173	BLIGHT, AND REGENERATION 204
PART IV: The Social Landscape of the City	Basics of Housing and Housing Markets 204
Title 1 vv The Secial Managempe of the City	Sectors of Housing Tenure 205
8 SLICING THE URBAN PIE: MODELS OF	Housing as a Commodity 205
SOCIAL GEOGRAPHY 175	Box 9.1 206
Ecological Approach to Cities 176	Housing Demand 206
"Community Lost": European Perspectives on	Box 9.2 207
Cities 176	Housing Supply 208

Housing Market Geographies 208 Urban Ecology and Housing Markets: Invasion and Succession 208 Filtering and Vacancy Chains 209 Life-Cycle Notions of Neighborhood Change 210 Housing Market Realities: Ongoing Debates over	10 SEGREGATION, RACE, AND URBAN POVERTY 236 Current Patterns of Racial Residential Segregation 237 Census 2000 Figures 237 Black/White Patterns 237 Box 10.1 238
Equal Access to Housing 211 Real Estate Agents and Differentiated Access 211	Hispanics and Asians 240 Recent Change 241 Hypersegregation 243
Discrimination in Lending 213 Accumulated Impacts of Housing Market Discrimination 215 Housing Market Realities: Government Involvement 215	What Causes Segregation? 245 Race and the North American Ghetto 246 The "First" North American Ghetto 247 Dual Housing Markets, the "Color Line," and
Box 9.3 216 Securing Home Ownership through Loan Guarantees 218 A New System of Housing Finance: The Secondary Mortgage Market 219	Ghettos 247 Postwar Institutionalized Ghettos 249 Government-Supported Discrimination 249 Public Housing and Urban Redevelopment 251 Economic Transformations and the Outcast
Box 9.4 220 Sprawl and the Suburbanization of Housing 221 Antecedents and Preconditions of Post-World	Ghetto 253 Civil Rights 254 Deindustrialization and Globalization 256
War II Suburban Sprawl 222 Postwar Sprawl 225 Supply and Demand Factors 225	Box 10.2 255 Social/Spatial Isolation and the "Underclass" Question 257 Poverty and The City 257
Sprawl and the Federal Government: Housing Finance 226 Sprawl and the Federal Government: Automobiles and Interstate Freeways 227	Cities as the Location of Poverty 257 Spatial Concentration of Urban Poverty 258 Relationship to Race 258 Wilson/Massey/Jargowsky Debate 259
"Blight" and the Fate of Inner-City Housing 229 Blight and Growing Redevelopment Pressures 229	Consequences of Concentrated Poverty: The Neighborhood Effects Debate 259 Peer Effects 260
Housing Dynamics of Redevelopment 229 Displacement and Public Housing 231 Neighborhood Revitalization: Gentrification 233	Social Control 260 Opportunities and Resources 261 Institutions, Schools, and Businesses 261 Stigma and Spatial Discrimination 262
Wrapping Up 234 Readings 234	Evidence and Debates 262 Morality and Responsibility 263

Culture and Poverty versus Culture of	Cubans 292
Poverty 264	Florida Concentration 292
Oppositional Culture/Culture of	Puerto Ricans 293
Segregation 264	Spatial Patterns 293
Responding to Urban Poverty 265	Box 11.4 294
War on Poverty 265	Latino Influences 296
Retrenchment 266	Significant Aspects 296
Welfare Reform 267	New Asian Immigration 298
Enterprise Zones 267	Urban Orientation and Some Models of Asian
Moving to Opportunity/HOPE VI/	Segregation 299
Homeownership 268	Asian Indians 301
Wrapping Up 268	Indochinese 302
Readings 269	Koreans 304
	Asian Influences 306
11 IMMIGRATION, ETHNICITY, AND	Wrapping Up 306
URBANISM 271	Readings 306
The Era of Immigration and U.S.	110111111111111111111111111111111111111
Urbanization 272	
The New Catholic Arrivals 273	PART V: The Political Landscape of the City
Geography of Immigration 273	
Box 11.1 274	12 METROPOLITAN GOVERNANCE AND
Differences in Urban Orientation 275	FRAGMENTATION 309
Reception of Immigrants 275	Urban Governance and the Growth of Services 310
Segregation Patterns 277	
The New European Immigration 277	
Urban Orientation of New	Safety 311 Education 311
Immigrants 278	
Neighborhood Locations 279	
Box 11.2 280	
Segregation Patterns 280	Financing the City 315
Negative and Positive Impacts of	Who Governs the City? 316
Location 281	Stages in Urban Governance 317
The Ethnic Kaleidoscope of Today 283	Elite Dominance 317
Immigration Legislation 283	Machine Politics 317
Box 11.3 284	Reform Politics 318
Immigrant Patterns 286	Professional Politics 318
Latino Migration and Its Impact on Cities 288	Power in the City 320
Mexicans 290	Contemporary Fragmentation in the Metropolis 321
Urbanization Trends 291	Increasing Fragmentation 322
OIDAIIIZAUDII IICHUS 271	meleasing fragmentation 322

A Positive View of Metropolitan	Exclusionary Zoning of Class and
Fragmentation 323	Race 364
Fiscal Disparities 325	Growth Management 365
Box 12.2 328	Wrapping Up 367
Countering the Fragmented Metropolis 329	Readings 367
Annexations 329	
Elastic Cities 329	PART VI: Cities Around the World
City-County Consolidation 331	14 CITIES IN THE DEVELOPED
Metropolitan Government 332	WORLD 369
Box 12.3 333	Western European Cities 369
Wrapping Up 334	Urbanization and the European City
Readings 334	System 370
	Characteristic Features of European Cities 372
13 PLANNING THE BETTER CITY 336	Density and Compactness 372
Making the Case for Planning 337	Historical Legacy 375
Aesthetics 337	Box 14.1 376
Efficiency 338	Box 14.2 380
Social Equity Planning 339	Housing and Social Geography 380
Maintaining Property Values 342 Environmental Protection 342	Aspects of Change 384
	Changing Economic Circumstances 384
Development of Modern Planning 344 Visionaries and the Urban Ideal 344	Changes in the Political and Cultural
	Milieu 386
Ebenezer Howard and the Garden City Movement 344	Box 14.3 388
Le Corbusier's City of Towers 344	Cities in Post-Communist Eastern Europe 388
Frank Lloyd Wright's Broadacre	Communist Urban Development 389
City 346	Post-Communist Development 390
Legal Basis for Planning 348	Cities in Japan 391
Box 13.1 349	Box 14.4 392
Growth of Planning as a Profession in the United	Structure of Japanese Cities 393
States 350	Changes in Japanese Cities 396
Political Nature of Planning 352	Wrapping Up 396
Comprehensive Plans and Tools of Modern	Readings 397
Planning 354	15 CITIES IN THE LESS DEVELOPED
Box 13.2 355	WORLD 399
Elements and Steps in Comprehensive Plan	The New Urban Majority 399
Development 356	How the Cities Have Grown 400
Zoning 358	Demographic Factors Involved in Urban
Problems with Zoning and Responses 360	Growth 402
Effect of Zoning On Community 360	Natural Increase 402

Urbanization Curve 403	Themes of City Life 431
Box 15.1 404	Spatial Layout 434
Primacy 404	Sub-Saharan African Cities 436
Box 15.2 406	Indigenous Influences 437
Origins of Third World Urbanization 407	European Intervention 438
Modernization Perspective 407	Modern African Cities 439
International Political Economy	Box 16.1 440
Perspective 409	South Asian Cities 442
Colonialism 410	A Typology of South Asian Cities 443
Economic Disparity 412	Modern Challenges 446
Urban Bias 414	Southeast Asian Cities 448
Characteristics of Third World Cities 415	Indigenous Influences: Sacred and Market
Effects of Growth 415	Cities 448
Housing 417	The Colonial City in Southeast Asia 450
Public-Sector Housing 417	Locational Aspects 450
Commercial Private-Sector Housing 419	The Dualistic form of the City 451
Box 15.3 420	Chinese Population 451
Self-Help Housing 421	Box 16.2 452
Employment Opportunities and the Informal	Modern Cities 453
Sector 423	Problems of Development 454
Formal Sector 423	Prosperity and Urban Form 455
Informal Sector 424	Wrapping Up 456
Wrapping Up 426	Box 16.3 457
Readings 426	Box 16.4 458
14 DECLOSIA I VA DIAMIONIO IN LIDDANI	Readings 458
16 REGIONAL VARIATIONS IN URBAN STRUCTURE AND FORM 428	•
The Latin American City 429	Credits 461
Colonial Legacies 430	Photo Credits 465
Modern Latin American Cities 431	Index 467