

Services and metropolitan development

International perspectives

**Edited by
P.W. Daniels**



London and New York

Contents

<i>List of Tables</i>	vii
<i>List of Figures</i>	xi
<i>Contributors</i>	xv
<i>Preface</i>	xxi
<i>Acknowledgements</i>	xxiii
1 Service sector restructuring and metropolitan development: processes and prospects	
<i>P.W. Daniels</i>	1
2 Transitional economic bases: from the mass production society to the world of finance	
<i>M.T. Daly</i>	26
3 The growth of international financial services and the evolution of international financial centres: a regional and urban economic approach	
<i>M.A. Goldberg, R.W. Helsley and M.D. Levi</i>	44
4 The global intelligence corps and world cities: engineering consultancies on the move	
<i>P.J. Rimmer</i>	66
5 Services and counterurbanization: the case of central Europe	
<i>C. Jaeger and G. Dürrenberger</i>	107
6 Service activities and regional metropolitan development: a comparative study	
<i>A. Bailly and D. Maillat</i>	129
7 Trends in the producer services in the USA: the last decade	
<i>W.B. Beyers</i>	146
8 The service sector and metropolitan development in Canada	
<i>D.F. Ley and T.A. Hutton</i>	173

9	Producer services and metropolitan development in Australia <i>K. O'Connor and D. Edgington</i>	204
10	Advanced office activities in the Randstad-Holland metropolitan region: location, complex formation and international orientation <i>P.P. Tordoir</i>	226
11	The internationalization of New York services <i>B. Warf</i>	245
12	Foreign banks, telecommunications, and the central city <i>M.L. Moss and J.G. Brion</i>	265
13	Information industries: New York's new export base <i>T.J. Noyelle and P. Peace</i>	285
14	Networked producer services: local markets and global development <i>P-Y. Leo and J. Philippe</i>	305
	<i>Index</i>	325

Tables

1.1	Employment by industry (%) in United States, Japan and France	3
3.1	The determinants of the level of domestic financial activity in thirty-one states in 1984	48
3.2	The determinants of the level of foreign financial activity in twenty-six states in 1984	49
3.3	The determinants of the level of financial employment in thirty-one states in 1984	50
3.4	US time-series regression results, 1907-84	54
3.5	US time-series regression results, 1907-84, lagged unemployment	55
3.6	US time-series regression results, 1947-84	56
3.7	US time-series regression results, 1947-84, lagged unemployment	56
3.8	Canadian time-series regression results, 1952-84	57
3.9	Canadian time-series regression results, 1952-84, lagged unemployment	57
3.10	United Kingdom time-series regression results, 1952-84	57
3.11	United Kingdom time-series regression results, 1952-84, lagged unemployment	58
3.12	Cross-sectional results on the fraction of foreign assets, 1984	59
3.13	Cross-sectional results on the fraction of foreign liabilities, 1984	59
4.1	Nationality of engineering consultants 'working internationally' according to the Fédération Internationale des Ingénieurs-Conseils, 1983	73

viii *Tables*

4.2	Nationality of the 'top 150' transnational engineering consultancies, 1980 and 1986	76
4.3	Regional breakdown of foreign billings, 1980-6	83
4.4	Consultant nationality by percentage share of foreign billings, 1980-6	87
4.5	The 'top 10' firms in the United Kingdom ranked by number of staff	89
4.6	Pattern of internationalization within selected firms, 1955-87	94
5.1	Sectoral changes of employment in different areas: Federal Republic of Germany, 1976-83	118
6.1	A modified typology of economic activity	134
6.2	Percentage of employment in the major economic activities in four countries	136
6.3	Evolution of major activities in four countries	136
7.1	Summary of employment change, United States, 1974 and 1985	153
7.2	Producer services employment growth in the United States, 1974-85	154
7.3	United States producer services location quotients 1974, and change 1974-85	156
7.4	Producer services shift-share summary, 1974-85	160
8.1	Year-to-year percentage change in employment by broad industry groups, Canada and the United States, annual averages, 1980-7	175
8.2	Selected aspects of the British Columbia labour force, by industry	176
8.3	Share of GDP in Canada by industry (constant 1971 dollars)	177
8.4	Growth of employment in selected industries for Canadian provinces, 1975-87	183
8.5	Percentage of labour force employed in service occupations for selected Canadian census metropolitan areas: 1986	184
8.6	Employment growth in managerial, administrative and related occupations for selected Canadian CMAs, 1981-6	186

8.7	Employment change in Vancouver CMA by occupation: 1971, 1981, 1986	187
8.8	Corporate headquarters relocations among major Canadian cities, by 1980 revenues (\$ millions)	190
8.9	The growth of producer service firms in metropolitan Vancouver, 1960–83	193
9.1	Measures of producer service location: capital cities, Australia	211
9.2	Job change in professional and technical occupations within industry groups, 1971–81	214
9.3	Job change in professional and technical occupations within producer service industry groups	215
9.4	Location of top 100 company headquarters by number of firms, Australia	215
9.5	Share of profits declared by top 100 companies in Australia	216
9.6	Share of building in category offices and banks, percentage of national total in each state	216
10.1	Distribution of advanced office establishments in survey centres, by number and industry	234
10.2	Distribution (%) of advanced office establishments by location and functional type	236
10.3	Intensity of external linkages: by spatial scale and functional type	237
10.4	Intensity of external linkages: by spatial scale and office location	238
10.5	Use of external business services by office establishments, by geographical origin of the service supplier	239
11.1	Foreign banking in Manhattan, 1979–87	250
11.2	Foreign securities firms in Manhattan, 1980 and 1985	252
11.3	Percentage decline in indexes for major world stock markets, 19 October 1987	252
11.4	Selected service exports from the New York SCSA, 1982	254
11.5	Percentage of gross revenues derived from foreign sources for selected US business services, 1985	254

x Tables

11.6	Distribution between US and global offices and employment of 'Big Eight' US accounting firms, 1988	254
11.7	Foreign revenue sources of largest fifteen New York advertising firms, 1986	255
11.8	Distribution of attorneys employed outside of New York in the largest 100 New York legal firms, 1978 and 1982	256
11.9	Examples of New York law firms and foreign clients, 1987	256
11.10	Tourists to New York City, 1976–87	257
12.1	Number of foreign bank branches in US cities	272
13.1	Employment and payroll in the information industries as a share (%) of total, 1986 and 1969	289
13.2	Employment in the information industries in New York City, 1979 and 1987	290
13.3	The location of clerical back offices and data processing centres of NYC's largest investment banks	295
13.4	Distribution of NYC software firms by year founded	297
13.5	Distribution of NYC software firms by location of headquarters, 1988	297
13.6	Distribution of NYC software firms by employment size	298
13.7	Trade flows in New York City's regional economy, 1985	299
14.1	Networked firms' main characteristics according to service activity	314