ISBN 92-64-02708-4
OECD Territorial Reviews
Competitive Cities in the Global Economy
© OECD 2006

## Labour Market Integration Policies to Enhance Social Cohesion

#### Ian Gordon

Professor of Human Geography, London School of Economics and Political Science, UK

During the 1970s and 1980s we had become accustomed to the idea that, despite the race to urbanisation across the developing and industrialising world, in mature societies modern communications were making major cities obsolete as a form of development. Worse still, they were a drain on the rest of the society, since their chronic economic decline produced deepening concentrations of social problems in their cores, which required major commitments of public expenditure to avert open conflict. In particular action seemed necessary to reverse the continuing flow of business capital out of cities which pure market judgements warranted. Some of the real issues highlighted in this pessimistic view clearly remain. But, during the last decade and a half, general attitudes to cities, and the policy issues which they raise for OECD countries, have developed in ways that reflect three major steps forward in our understanding of their roles.

First, there is a renewal of the perception that many kinds of city have the potential for economic success in the contemporary world, both on their own account and as key sources of strength for their national and regional economies. Their density, diversity and openness to change are again being seen as the keys to success, rather than the roots of urban pathologies. These qualities are, however, no longer a monopoly of the traditional urban cores, but can apply more widely across extended metropolitan regions where their high order business functions now operate on a networked basis.

Second has been the recognition that the degree to which particular cities can realise and sustain this potential for economic success has much more to do with making them function better than with simply sucking in more investment in the form of mobile firms. A simple empirical observation is that the difference between places which prosper and those which fail, even in crude employment terms, lies preponderantly in the growth performance of their existing businesses not the flow of establishments in or out (Cheshire and Gordon, 1998). Less simply, it has been very persuasively argued (from

Porter, 1990 on) that the keys are to make the most in qualitative terms of the assets associated with density, diversity and openness, and to build around potentially distinctive sources of strength in a particular metropolitan region. For the local public sector this implies a degree of strategic selectivity combined with a strong focus on identifying and attending to areas of both market and governmental failure.

Third, following on from this, is that the quality of social/institutional relationships of various kinds can be very important for urban competitiveness, alongside the more obvious economic assets. This has been a common thread in a range of otherwise quite distinct analyses of urban and economic systems during this period. Variously these have highlighted institutions, social capital, untraded interdependences, networks of trust and business milieux as key factors in the differing capacities of specific places to prosper in an increasingly competitive environment. The central shared argument is that there is a whole series of requirements for successful business, and especially for innovation and quality-based competition, which conventional markets cannot assure. In some circumstances many of these might well have been adequately provided within the framework of large corporations - but in a more flexible economy this can no longer be counted on. And, in any case, places which can provide these assets through distinctive forms of locally co-operative competition should be much less at the mercy of mobile capital, and of the potential for getting caught up in "races to the bottom", than where local firms are each self-sufficient. In this context it seems to be the urban scale which matters most - though this may be narrowly or more broadly conceived depending on the particular activity involved. Hence this kind of argument provides some of the strongest reasons for believing that cities/metropolitan regions can now represent crucial assets (rather than liabilities) for their national economies.

The notion of "social cohesion" – as a shorthand way of indicating all the various respects in which social relations within particular places can (increasingly) make a difference to their economic performance – may be more of an obstacle than a help to taking these further steps. There is a real temptation (within a new conventional wisdom about policy for cities) to see this as actually representing some single kind of quality which places can develop in order to simultaneously remedy the shortcomings of markets in terms of both social outcomes and economic performance (Gordon and Buck, 2005). At one level this may be helpful in building consensus, but at the same time it can obscure real and difficult issues, since within the urban policy arena uses of social cohesion typically seem to refer to one or more of four quite separate elements:

• fairness in the distribution of rewards/conditions of life;

- connectedness with others and across urban society;
- social order and individual security; and
- some sense of collective identity.

Clearly these do not necessarily go together and do not always fit straightforwardly with the dictates of competitiveness. For example one UK study reported that of six plausible channels connecting aspects of cohesion at a local level to a stronger competitive position for the cities concerned, only one (via educational outcomes) currently appeared to be of practical significance (Gordon, 2005). There are also radically different visions of what are the most appropriate combinations of connectedness and social order to secure urban competitiveness, with Putnam's (2000) version of social capital implying more formal associations and a more recognisably suburban set of shared social norms than Florida's (2002) tolerantly bohemian cities. In the literature on urban environments favouring successful innovation, there are similar tensions, with contrasting models, each of which might actually be optimal for different types of product and business (Gordon and McCann, 2005). In the labour market too there are tensions between the values of flexibility and stability, with higher rates of turnover in more flexible (highly connected) labour markets possibly discouraging investment by employers in training activity (Brunello and De Paolo, 2004; Brunello and Gambarotto, 2004). There can also be major conflicts within any one of the elements we have distinguished – for example one group's connectedness (or social capital), within the labour market for instance, may often actually generate disconnection/exclusion for others.

To recognise the relevance for economic as well as social goals of issues falling under the umbrella of "social cohesion" (or of social capital or inclusion) is then only an entry point to understanding the issues that have to be faced and the kind of actions that do (or do not) have a potential to advance these goals.

## Centrality of the labour market

The labour market is a really central arena for addressing competitiveness, cohesion and the ways in which these intersect at an urban scale, for three main reasons. Firstly, paid work is the key source of both economic resources and of social status/identity in modern societies – for individuals, for households, and collectively for communities. Secondly, in all the processes around paid work – recruiting, motivating, developing controlling – economic and social factors are deeply intertwined, so that information, expectations, identities, stereotypes and so on all play crucial roles alongside hard-headed calculations about productivity, turnover and pay. Thirdly, the range, flexibility, openness and depth of urban labour markets are potentially the

most crucial asset that cities have to offer, both to those who live and those who run businesses there. Analyses of urban economic performance find human capital availability as the most consistent predictor of, for example, population growth (Glaeser and Shapiro, 2001). Urban labour markets are crucially important then for the development of cities, in ways that cut across the divide between social and economic processes – though they cannot be counted on to satisfy the various dimensions of "cohesion" and competitiveness simultaneously. And policy-makers are clearly very well aware that they have to pay attention to them. But this is much easier said than done, and practitioners as well as researchers have learned – both from study and from experience – that this is a very complex arena in which to operate effectively. There are basically two reasons for this, both of which involve rather contradictory characteristics of urban labour markets.

The first of these relates to their character as very powerful, but quite peculiar markets. On both the demand and supply side of these labour markets, people adjust strongly to all kinds of change, and interventions which ignore this are very unlikely to have the intended results. This can be the case at a macro-level, as when it is assumed that unemployment figures represent a simple measure of the gap between labour supply and demand, and thus of the scale of action (for example of job creation) required to fill that gap, or that part of it which is regarded as unacceptable, from either a competitiveness or a cohesion perspective. In practice, the hole always seems to take very much more to fill it than this calcul suggested us, because other elements of supply and demand respond to the intervention in ways that require more. One factor is that demand "leaks away" to other areas (or perhaps more realistically, supply "leaks in"), as in-commuters or new migrants respond to opportunities newly created by public interventions. Such adjustments have probably been going on all along, which is why the immediate "gap", in terms of numbers of unemployed, tends not to be nearly as large as the shocks which gave rise to it in the first place. But there may also often be asymmetries of a seemingly malign kind, such that the "adjusting" market responses operate more strongly in the upswing and in circumstances of expansion than in the downswing, particularly in the context of large numbers of involuntary job losses occurring in an already slack labour market. In this case, with a stronger "leakage" being stimulated by the remedial measures than by original job losses it may well take creation of several times as many jobs in a particular area to undo the local effects of a given original job loss (Gordon, 2003; Gordon and Turok, 2005).

Unforeseen consequences may also follow, for rather similar reasons, in response to more micro-level kinds of intervention. Thus actions to build economic capacity on either or both the supply and demand sides of the labour market may have much of their expected effects off-set through

"displacement". On the demand-side, businesses which are assisted to improve their competitiveness may well succeed in part through taking local market shares from established local enterprises. That is really a product rather than labour market issue. But similar kinds of displacement can be expected in the labour market, in response to supply-side action, as when training or employability programmes boost the capacities, and hence the competitive power of some, currently less-advantaged member of the local labour force. Because this is an intervention in an active market, not simply a step toward filling a (measurable and exogenous) "skill gap" or case of "skill mismatch", these work largely through enhancing the competitive performance of some individuals within a labour market, which may be in large part local. Though the effects should not actually be zero-sum, since some real additions have been made to usable human capital, the fact is that some others' competitive prospects will have been weakened in the process – unless in the particular context there is an especially elastic demand for this kind of labour. In the worst cases, particularly when supply-side interventions are effectively targeted at some specific segment of the labour market where demand is not particularly elastic, the effect may well be an almost zero-sum kind of "churning" among the target group and their peers (cf. Sunley et al., 2001). At best, the overall effects may simply be substantially less than hoped for. But in any case there is a need to take a serious account of the market context, and how supply and demand may reasonably be expected to adjust in a particular situation if there are to be realistic expectations of effects, and design of reasonably cost-effective initiatives.

On the other side of this contradiction is the fact that labour markets in general are quite peculiar kinds of market, because of the heterogeneity and self-consciousness of the particular commodity in which they deal. Employment practices have to be adapted, in one way or another (depending on circumstances) to the sheer difficulty of evaluating what capacities and productivity a worker will actually deliver and designing circumstances to enhance the chances of them doing so effectively and reliably. A consequence is – as Thurow (1972) pointed out long ago – that a large part of the labour market operates not on a simple model of "price competition", where the cheapest satisfactory workers are hired (with floating wages), but rather on a version of "job competition" where those who are perceived to be most suitable are recruited from among those responding to an advertisement offering a fixed salary.

This has many consequences, including a large role for stereotyping, signalling and subjectivity in key processes, and the importance of quantity signals in terms of the availability of discrete opportunities. But a particularly significant effect is the process characterised by Reder (1964) as "bumping down", whereby in a slack labour market unemployed workers may effectively

"price themselves back into" a job, not by renegotiating a particular wage, but by stepping down a tier in the market and successfully presenting themselves as the (qualitatively) best candidate for a job which has always attracted a lower salary. This second best kind of adjustment process (from a neoclassical perspective, which would prefer flexible wages) effectively minimises the wastage of human capital during such times and places, by concentrating unemployment among those with the least desired talents at the bottom of the market, where a willingness to take wage cuts would not get nearly enough of them into work in a part of the market acquiring a gross excess of supply. The problem - beyond the inequity of the way in which suffering is distributed – is that it may be not nearly as easy to reverse this process when demand starts to recover, or when supply-side interventions have upgraded the capacities of a proportion of those at the bottom of the market. This is admittedly not a very sophisticated model of market behaviour, and too crude in its assumptions about wages, but it does actually capture some very important aspects of the issues facing those addressing under-employment in some core parts of metropolitan regions. In particular, it highlights the fact that there are crucial market processes which need to be dealt with, but not ones which can be understood simply in terms of price mechanisms.

The second tension stems from a very obvious diversity within urban economies and labour markets, both in terms of activities/occupations and spatially, combined with the fact (not always quite so obvious) that everything is connected to everything else, by a complex of indirect paths, as well as the more evident direct connections. Neither of the straightforward textbook alternatives actually works in this context. These are of treating "the" labour market either 1) as though it was indeed fully integrated, effectively singular and homogeneous; or 2) as though it comprised a set of identifiable and separable sub-markets for particular categories of job in particular "labour market" areas. So there is a need to understand on a more empirical basis quite how strong connections and differences actually are in particular cases and situations, and work through the implications of these.

Arguably, this is an important characteristic of all labour markets, but viewing them spatially does make a difference, since it becomes evident that:

- regional contexts have a major effect on outcomes;
- some places are more isolated or less well connected than others; and
- no sub-market is ever closed to commuting and migration flows, which are by no means fixed but rather respond to spatial shifts in the pattern of supply and demand.

Similar observations might be made in relation to the structure of occupational sub-markets, where there are similar relations of proximity, in the sense that it is easier for workers to switch between some sets of "nearby"

jobs than between others with more radically different requirements and entry criteria.

But in the context of big cities what is especially important – and indeed characteristic – is that there are extended areas across which there is a dense overlay of sub-markets. At the micro-level each individual worker and/or each employer might be seen as at the centre of a kind of sub-market (or field), representing the area within which they would expect to find a job or a recruit for their jobs. More realistically perhaps, this view might be applied to each residential neighbourhood and/or employment centre, with fields varying in size according to the types of job and worker involved. These fields are likely to represent the market context within which individual parties think they are operating, and may reasonably be seen as reflecting spatial constraints on their individual ability to adjust to changes in the pattern of opportunities. But since, particularly in and around major cities, these fields overlap with a number of others, indirect effects arise, via vacancy (or displacement) chains. These may occur when a job (in one field) is filled by a worker who has a current job (in another), leaving a vacancy to be filled by a worker who has a current job (in yet another), and so on, until a job in the chain is filled by a long term unemployed worker. As cities have turned into metropolitan regions with decentralisation of both jobs and people to centres beyond the original suburbs, the potential for such chains to diffuse the impact of supply or demand changes a long way from their origin has clearly become very great, at least in principle. The real test, as to how far afield this goes, has to be an empirical one, however - for example by examining the degree to which labour market outcomes in one place are actually determined by supply/ demand shifts in the immediate vicinity, in the adjacent ring, or a whole series of others beyond that. In British studies, at least, the evidence from such analyses is that the effective labour market area can be very extensive, stretching well beyond the bounds of the city (or even OECD metropolitan regions), and in London's case embracing most of South Eastern England (Gordon, 2003).

This kind of observation has some very obvious policy relevance – or perhaps more accurately some obvious implications about the irrelevance of particular kinds of policy seeking to relate urban economic development to social cohesion. Specifically, it implies that there may be little advantage in targeting job promotional initiatives specifically at those areas where improved employment rates are required, if there are less costly alternatives elsewhere within the extended metropolitan labour market area, since the impacts would be much the same. And, in a context where economic development initiatives are largely undertaken on a bottom-up basis, it suggests that the temptation for many areas, in and around cities, each to promote such initiatives to address local concerns over employment

opportunities, may not simply involve wasteful forms of "zero-sum" competition but actually produce very little advantage for workers in the winning areas (even if there are gains for local landowners). An understanding of this implication should make localities much more willing to co-operate in the pursuit of integrated economic development and employment policies across the metropolitan region.

This is actually far from a novel argument (see e.g., Cheshire, 1979), and strong evidence in support of it has been available in the United Kingdom since at least the 1980s, without apparently having had much impact on either central or local policy. These continually return to an emphasis on the employment benefits of locally targeted regeneration projects. There may be a variety of reasons for this, possibly including the fact that the task of resolving the underemployment issue in major cities seems more tractable if it can be addressed on a targeted local basis. But there are two kinds of evidence which are commonly (and repeatedly) produced in defence of this approach. The first is that there are typically strong and persistent concentrations of underemployment (and associated kinds of deprivation) to be found in particular parts of cities, whether in actual ghetto areas, in other inner city localities, or in more peripheral social housing projects. Sometimes these are actually close to areas of major job loss, or maybe far away from areas of growth in relevant employment opportunities. But in any case the existence of such concentrations hardly seems consistent with the proposition that there are highly integrated metropolitan labour markets. Or, this would be the case, were it not for the fact that such integrated markets still produce very different outcomes for different types of people, and that those in the weakest position in the labour market tend also to be in the weakest position in the housing market, and consequently to be concentrated in quite specific areas with the kinds of housing to which they have access. Hence, unsurprisingly, studies have shown extremely high levels of correlation between the spatial pattern of underemployment within metropolitan regions and the residential distribution of those with characteristics - in terms of class, ethnicity, marital status, education, occupation, health, housing tenure, etc. – which are known to be individually disadvantageous in job competition.

The immediate upshot of these arguments is that neither text-book theory nor everyday experience (within particular parts of this system) is much of a guide to telling us either what is going to be a problem, or (still more) what is going to be effective by way of intervention. The reasonable implication is that policies need to be grounded in hard empirical research of a fairly sophisticated kind, and in the kind of general understanding of urban labour market processes that we have just outlined, and applied to specific local situations and the circumstances of different groups within these markets. But, at a more strategic level, there are already a series of quite clear

policy-relevant conclusions that can be drawn from the more general analysis, and from existing local and regional studies undertaken within this framework

#### General lessons from urban labour markets research

The very large body of policy-related research from the last decade or so on general labour market initiatives clearly has some implications at the urban scale. In particular active labour market policies (as reviewed by Martin, 2000) commonly require some implementation at the local level – ideally integrated in "one stop" offices linking them to local opportunities. More specifically, such approaches as the use of "profiling" for early identification of new claimants at risk of longer term exclusion from employment have particular, distinct implications in places with different employment structures and histories. Understanding their applicability to the particular challenges of making city labour markets work more effectively at resolving the particular problems of under-employment in some metropolitan regions requires a different kind of analysis. Here we shall concentrate on the broad implications of this, in relation first to three simple general principles, and second to some of the kinds of action which are more likely to have a significant impact at this scale.

# Big problems normally have big causes and will take equally big action to resolve

This seemingly banal piece of common sense has a particular relevance at the urban scale, because of the fact that spatial sub-national labour markets are characteristically open, with the potential for strong adjustments to operate through migration and commuting. Unless there is an obvious immediate cause for disequilibria, it is to be expected that significant disparities in employment outcomes between places reflect either an equilibrium differential produced by continuing long term differentials in competitiveness (e.q., in terms of employment growth rates) or the structural residue of large scale past changes, the bulk of which had been absorbed through spatial adjustments. In either case, the scale of the forces which created the problem (and in the first case are continuing to reproduce it) are likely to be substantially greater than the currently visible problem suggests. If the current problem is really one of demand-deficiency, the required response in a spatial labour market is not going to be simply a one-off stimulation of demand (however large), which will eventually all get absorbed by migration and commuting shifts, but of raising the long term rate of growth (underpinned by a shift in competitiveness) relative to other parts of the national economy. Alternatively the current issue may be one of structural unemployment, involving a larger part of the local labour force who are

personally disadvantaged in competing for jobs, wherever they happen to be resident, as a residue of past periods of demand-deficiency. The corresponding requirement would then be something like the maintenance of a full employment pressure of demand for a broadly equivalent period. A serious approach to such problems at a metropolitan scale involves:

- uncovering the forces which have acted to create them, over whatever period they have operated;
- recognising that it is going to take an at least equivalent scale of action (maybe substantially more) to reverse their impact; and
- making an appropriate commitment to pursuing this on a continual basis, and adopting realistic expectations both as to the likely scale of impacts and the period over which action would need to be sustained.

The temptation is to believe that "cleverness" – the exercise of reasonable intelligence – can get round this. But where the basic problems are quantitative ones (e.g., shortfalls in labour demand or in relevant human capital) the most that can be hoped for on this count is avoidance of waste of resources.

### Although problematic outcomes are concentrated around specificlabour sub-markets the basic causes will often not lie there

This also follows from the expectation, and evidence, that in spatial labour markets adjustment processes are strong, but this time in a more local context (within metropolitan regions), where there is an even stronger presumption that internal disparities in supply-demand pressure ought to be eliminated. In the spatial case, where strong concentrations of underemployment are found in particular sets of localities within a metropolitan region, the most general explanation is that this pattern reflects social/ structural unevenness, rather than geographical ones, with underemployment simply concentrated where the least advantaged/competitive groups live. These might in principle be exacerbated by local spatial externalities in the labour market, if (for example) residents in areas of concentrated unemployment were further disadvantaged by a weakened local access to informal channels of information about job opportunities. In practice, however, available evidence about such effects suggests that they are weak relative to the direct effects of individual characteristics as in conditioning labour market competitiveness. The implication is that the effective causes of strong spatial concentrations of under-employment lie not in the areas concerned, but in a combination of: disparities across groups in marketable human capital; discriminatory practices in the wider labour market; and shortfalls in the pressure of demand for labour at the aggregate level across the metropolitan region. Beyond this, the bumping down

processes mean that inter-group disparities in competitiveness may also reflect wider forces; in the context of deficient demand they serve to translate rigidities in mainstream labour markets into unemployment for groups at the bottom/margins of the market. In such cases it is unlikely to be effective to concentrate remedial action around these sub-markets, for example by increasing the efficiency with which they work.

# Targeting job growth or supply-side initiatives heavily on particular sub-markets is not generally a solution to the "effort" problem

Targeting has been a very strong theme within labour market policy initiatives in recent decades both in cities and outside, for a combination of good and less good reasons. Among these has been the danger of substantial deadweight when public funds end up subsidising activities or placements which would have occurred in any case, or where they produce inflationary outcomes by enhancing demand in markets already experiencing capacity constraints. A rather general consideration has been evidence that untargeted initiatives on any sizable scale have proved relatively expensive (in terms e.q., of cost per job) because effects are spread across markets in most of which there is no problem. An underlying belief is that, if there are problems of structural unemployment, it must be because there are groups and submarkets that are effectively disconnected from the mainstream. In that case it should be possible to achieve proportionately greater effects (within affordable budgets) from initiatives by concentrating efforts and expenditure there. In the case of spatial targeting of demand-side initiatives, the counter to this is the evidence that the sub-markets of targeted areas are by no means disconnected, but rather leaky buckets, from which a very large part of the benefits get dispersed as most worthwhile jobs end up with stronger contenders from outside the area. In the case of targeting supply-side initiatives on particular groups in weak labour market positions, the problem is rather the reverse: there are too few knock-off effects beyond the immediate low-end sub-market, with the major overall effect being to produce intensified competition for opportunities within that sub-market.

## Relevant policy approaches

While all these principles tend to suggest (rather negatively) that there are no easy options in dealing with under-employment issues in urban labour markets, the same lines of analysis do suggest that there are particular policy approaches which should be especially worthwhile (if not easy).

Equal opportunities policies. Analyses of the incidence of unemployment within metropolitan regions, both across individuals and across areas, show strong associations with many different individual characteristics, ranging between those which seem to be obviously related to productivity and those

which seem not to be. At one extreme would be educational qualifications and (maybe) the skill characteristics of a past job. At the other would be ethnicity which, when all such characteristics have been controlled for, seems likely to reflect the kind of prejudicial discrimination for which more direct evidence can still be found in experimental studies. Between these extremes lie a series of attributes, including factors such as (in the British case) marital status, gender, age, housing tenure etc., where the connections with productivity are unclear, and where there is also a strong potential for prejudice to play a substantial part in the "job competition" process. As Duster (1995) has argued, the significance of such factors seems to have been substantially increased with deindustrialisation, since in many service activities a worker's social identity seems to matter much more than it did in manufacturing. These factors are strongly associated with spatial concentration of underemployment, as well as with more fundamental "cohesion" questions about fairness of allocation of opportunities. And, as was noted in the last section, there are important issues about the effective integration of new immigrant flows, which also underline the importance of a vigorous application of equal opportunities policies in metropolitan labour markets. The issues may, however, generally be as much of class and age as the traditional dimensions of ethnicity and gender, and certainly involve questions about the allocation of training and promotion opportunities as well as hiring and firing.

Sustaining a strong pressure of demand across metropolitan regions. There are two important points here. The first is simply that with effective integration of the sub-markets of more local areas, the scale at which the aggregate balance of supply and demand actually makes a real difference (even for those at the bottom end of the labour market) is no smaller than that of the metropolitan region – and probably broader in some cases. The second point is that strong demand does not just directly involve a better use of available labour resources with less underemployment, but is also a condition for labour markets to operate effectively. Slack demand is the context which produces bumping down and the progressive concentration of underemployment (and thence effective exclusion from the labour market) among the weakest groups so long as it persists – a hysteresis. It also serves to discourage the mobility between employers which is the basis for metropolitan regions particular flexibility, and a major motivator for on the job human capital development.

Minimising risks of large scale redundancy. There is evidence of a substantial asymmetry in adjustment processes particularly in spatial labour markets. Specifically, it appears that the effects of employment growth are most effectively dispersed, with availability of identifiable job opportunities and vacancy chains stimulating migration and commuting. Forced job losses, on the other hand, appear to produce the weakest adjustment responses, particularly when large and in the context of already depressed labour

markets. The implication is that, other things being equal, job preservation can make a proportionately greater contribution to mitigating underemployment at a metropolitan scale than can stimulation of employment growth. All is not equal, of course, and there is a bad track record in several countries of efforts to save collapsing firms, in which good money ends up getting thrown after bad. Crisis responses typically make for bad policy. But outside the context of such extreme cases and situations, the principle is a good one, namely that reasonable actions to reduce the risks of possible future large scale job losses, particularly where these might be caused by governmental failure, are more likely to be worthwhile than efforts to boost employment levels.

Promoting upward mobility at all levels in the workforce. The point of departure here is the evidence that in the wake of periods of deficient demand, the effects of bumping down may not rapidly get reversed, so that there is both a pervasive tendency toward qualitative underemployment within the workforce and an overcrowding of entry-level sub-markets which slows re-absorption of the quantitatively underemployed. In order to both raise productivity and employment rates, it is therefore appropriate to encourage movement "on up the car" (as in a metro train with congestion around the doorways), rather than concentrating human capital development initiatives heavily on those currently out of work (to give them access to the "doorway"). In the highest segments of the labour market where vacancies are habitually filled from much wider labour markets, the case may be weaker, but in principle actions to encourage upward mobility right through the occupational hierarchy are to be encouraged from this perspective.

Securing adequate levels of educational achievement among the mass of the local population in relation to the requirements of worthwhile jobs in the local economy. The relevance of formal educational qualifications to effective performance in a large proportion of mainstream jobs may be questioned. And, in the United Kingdom at least, employers, who increasingly seem to emphasise their need for "soft skills", are unclear about their importance for nongraduate kinds of job. But they are one of the few objective kinds of information readily available to recruiters, especially for younger people and those who have not already occupied particularly responsible positions. And lacking at least some minimal level of achievement clearly increases individuals' chances of being out of work by a substantial margin. In cohesion terms at least this is clearly an important priority among urban policies with labour market relevance, while below the level where jobs are filled from national labour markets, the stock of reasonably qualified locals is liable to be a significant competitiveness factor.

Attending to specific instances of demonstrable and intelligible market failure. This seems rather a catch-all category for a list of "particularly worthwhile"

approaches. But there is, firstly, a general point to recognise about the difficulty of judging in the context of real, diverse and interconnected urban labour markets where intervention would actually be worthwhile and appropriate – so the market failure test is a caution. However, secondly, there are situations in which a *prima facie* case of this kind can plausibly be identified, and potentially checked with local information. One such example involves the issue of who (if anyone) takes responsibility for the training and socialisation of high turnover positions in activities with relatively weak quality competition, as may (for example) be the case in independent tourist hotels in centres where there is little dependence at that level on repeat business. In such instances there are both competitiveness and cohesion cases to be made for some form of intervention to identify and counter these specific market failures. This might take the form of inspection and grading as much as a training initiative.

ISBN 92-64-02708-4
OECD Territorial Reviews
Competitive Cities in the Global Economy
© OECD 2006

## Bibliography

- Acs, Z.J. and D.B. Audretsch (1988), "Innovation in Large and Small Firms: An Empirical Analysis", American Economic Review, 78, 4, pp. 678-690.
- Acs, Z.J. and D.B. Audretsch (1990), Innovation and Small Firms, MIT Press, Cambridge.
- AEBR (Association of European Border Regions) (2001), Transeuropean Co-operation between Territorial Authorities. New Challenges and Future Steps Necessary to Improve Co-operation, www.aebr.net/publikationen/pdfs/territorialauthorities 01.en.pdf.
- Anderson, James and Liam O'Dowd (1999), "Borders, Border Regions and Territoriality: Contradictory Meanings, Changing Significance", Regional Studies, Vol. 33, 7, pp. 593-604.
- Andersson, T. et al. (2004), The Cluster Policies Whitebook 2004, The International Organisation for Knowledge Economy and Enterprise Development (IKED), Malmö, Sweden.
- Arnott, Richard (2004), "Does the Henry George Theorem Provide a Practical Guide to Optimal City Size", *The American Journal of Economics and Sociology*, Vol. 63, No. 5, pp. 1 057-1 090, November.
- Asheim, B.T. and M.S. Gertler (2005), "Regional Innovation Systems and the Geographical Foundations of Innovation", in J. Fagerberg., D. Mowery and R. Nelson (eds.), The Oxford Handbook of Innovation, Oxford University Press, Oxford.
- Atkinson, R. (2000), "Urban Economic Prospects in the Knowledge Economy", paper presented to the "CEO for Cities" Conference, Progressive Policy Institute, available at www.ceosforcities.org/research/2000/urban\_economic\_prospects/urban\_economic\_prospects.pdf.
- Austrian, Z. (2000), "Cluster Case Studies: the Marriage of Quantitative and Qualitative Information for Action", Economic Development Quarterly, 14, 1, pp. 97-100.
- Australian Bureau of Statistics Survey 2005.
- Auswärtiges AMT (1997), Das Karlsruher Übereinkommen. Wegweiser für grenzüberschreitende Zusammenarbeit, www.auswaertiges-amt.de/www/de/infoservice/download/pdf/publikationen/Karls.pdf.
- Bailey, N. and I. Turkok (2001), "Central Scotland as a Polycentric Urban Region: Useful Planning Concept or Chimera?", *Urban Studies*, 38, pp. 697-715.
- Barro, R.J. and X. Sala-i-Martin (1991), "Convergence across States and Regions", Brookings Papers Economic Activity, No. 1, pp. 107-158.
- Batten, D.F. (1995), "Network Cities: Creative Urban Agglomerations for the 21st Century", *Urban Studies*, 32, pp. 313-327.
- Benneworth, P.S. and D.R. Charles (2003), "Overcoming Learning Uncertainties in the Innovation Process: The Contribution of Clustering to Firms' Innovation

- Performance" in R. Oakey, W. During and S. Kauser (eds.), New Technology Based Firms in the New Millennium, Vol. 3, Pergamon, London.
- Berg, L.V.D., E. Braun, and W.V. Winden (2001), "Growth Clusters in European Cities: an Integral Approach", *Urban Studies*, Vol. 38, No. 1, pp. 185-205.
- Bergman, E.M. and E.J. Feser (2002), "Industrial and Regional Clusters: Concepts and Comparative Applications", available at www.rri.wvu.edu/WebBook/Bergman-Feser/chapter2.htm.
- Bertinelli L. and D. Black (2004), "Urbanization and Growth", Journal of Urban Economics, 56, 1, pp. 80-96.
- Bird R. and E. Slack (2004), Fiscal Aspects of Metropolitan Governance, www.mgmt.utoronto.ca/iib/ITP0401.pdf.
- Blin, J. and C. Cohen (1977), "Upgrading of Industry Clusters and Foreign Investment", International Studies of Management and Organization, 30, 2, pp. 93-113.
- Biotech Region Munich (1997), BioM available at www.bio-m.de/web/index.php4?sx=b2.0.0.&lq=en.
- Burroni, L. and C. Crouch (2006), "The Governance of the Shadow Economy", (unpublished manuscript).
- Burton, I. (1963), "A Restatement of the Dispersed City Hypothesis", Annals of the Association of American Geographers, 63, pp. 285-289.
- Camagni, R. and C. Salone (1993), "Network Urban Structures in Northern Italy: Elements for a Theoretical Framework", *Urban Studies*, 30, pp. 1053-1064.
- Campbell, J. (1972), "Growth Pole Theory, Digraph Analysis and the Interindustry Relationships", Tijdschrift Voor Economie en Social Geografie, 62, pp. 69-87.
- Campbell, J. (1975), "Application of Graph Theoretic Analysis to Interindustry Relationships", Regional Science and Urban Economics, 5, pp. 91-106.
- Campbell, J. (2004), Institutional Change and Globalization, Princeton University Press, Princeton.
- Casteigts, Michel (2003), "Enjeux et limites de la coopération transfronterière", Territoires 2020, No. 7, pp. 75-84.
- Choi, Byung-Dae (n.d.), "Experiences and Lesson in Administrative Reform Restructuring", Organization and Manpower in SMG, Hanyang University, pp. 19-20.
- Church, Andrew and Peter Reid (1996), "Urban Power, International Networks and Competition: The Example of Cross-border Cooperation", *Urban Studies*, Vol. 33, No. 8, pp. 1297-1318.
- Church, Andrew and Peter Reid (1999), "Cross-border Co-operation, Institutionalization and Political Space across the English Channel", Regional Studies, Vol. 33:7, pp. 643-655.
- City of Ottawa (2002), Innovation Ottawa: a Strategy for Sustaining Economic Generators, available at www.ocri.ca/about/assets/export\_plan.pdf.
- City of San Diego (2002), Community and Economic Development Strategy (FY 2002-2004), available at www.sandiego.gov/economic-development/contacts/pdf/cedstrategy.pdf.
- City of Toronto (2005), 2004 Financial Annual Report, 29 April 2005.
- Collin J.-P., J. Léveillé, C. Poitras (2002), "New Challenges and Old Solutions: Metropolitan Re-organisation in Canadian and US City-Regions", *Journal of Urban Affairs*, Vol. 24, No. 3, pp. 317-332.

- Commission on Metropolitan Areas (2005), "Metropolitan Policy in Sweden", www.storstad.gov.se/english/index.htm.
- Cooke, P. (2004), "Life Sciences Clusters and Regional Policy", Urban Studies, 41, 5/6, pp. 1113-1131.
- Cortright, J. and H. Mayer (2002), "Signs of Life: the Growth of Biotechnology Centers in the US", Brookings Institution Center on Urban and Metropolitan Policy.
- Czamanski, S. (1971), "Some Empirical Evidence of the Strengths of Linkages between Groups of Related Industries in Urban-Regional Complexes", Papers of the Regional Science Association.
- Dahl, M.S. and B. Dalum (2001), "The ICT Cluster in Denmark" Innovative Clusters, Chapter 4, OECD publications, Paris.
- Dahlberg, Matz, Eva Mörk and Hanna Agren (2005), "On the Size of Political Jurisdictions: Preference Matching in Local Governments", Department of Economics, Uppsala University (unpublished paper).
- DATAR, (1999), Pour une métropolisation raisonnée: diagnostic socio-économique de l'Île-de-France et du bassin parisien, La Documentation Française, Paris.
- Dielmenan, F. M. and A. Faludi (1998), "Polynucleated Metropolitan Regions in Northwest Europe: Theme of the Special Issue", European Planning Studies, 6, pp. 365-377.
- DTI (UK Department of Trade and Industry) (2003), A Practical Guide to Cluster Development, available at www.dti.gov.uk/files/file14008.pdf?pubpdfdload= 03%2F1397.
- Dümmler and Thierstein (2002), "The European Metropolitan Region of Zurich A Cluster of Economic Clusters?", paper presented at the 42nd ERSA Conference, 29 August 2002, Dortmund.
- Dunning, J.H. (1998), "Location and the Multinational Enterprise", Journal of International Business Studies, 29, pp. 45-66.
- Duranton, Gilles and Diego Puga (1999), "Diversity and Specialisation in Cities: Why, Where and When Does it Matter?", Research Papers in Environmental and Spatial Analysis, No. 56, Department Environment, London School of Economics, www.lse.ac.uk/collections/geographyAndEnvironment/research/Researchpapers/rp56.pdf.
- Duranton, Gilles and Diego Puga (2000), "Diversity and Specialisation in Cities: Why, Where and When does it Matter?", Journal of Urban Studies, Vol. 37, No. 3, pp. 533-555.
- Enright, M.J. (1996), "Regional Clusters and Economic Development: A Research Agenda", in U.H. Staber et al. (eds.), Business Networks: Prospects for Regional Development, Walter de Gruyter, Berlin.
- ESPON (European Spatial Planning Observation Network) (2005), Annex report C, "Governing Polycentricity", Potentials for Polycentric Development in Europe, March 2005, ESPON, Stockholm.
- European Commission (2003), "European Trend Chart on Innovation", Thematic Report-Cluster Policies, (covering period up to March 2003), available at http://trendchart.cordis.lu/reports/documents/TR\_clusters\_03\_1.pdf.
- European Commission (2004), "Cities and the Lisbon Agenda: Assessing the Performance of Cities", the Urban Audit, http://ec.europa.eu/regional\_policy/index\_en.htm.
- European Economic and Social Council (2004), Opinion on the subject of European metropolitan areas and their socio-economic impact, EESC, July 2004.

- Euroregion (2001), "Pro Europa Viadrina", Gemeinschaftsinitiative INTERREG Rückblick auf die Jahre 1995 bis 1999 und Perspektiven, http://ffonet.han-solo.net/euroregion/downloads/Rueckblick1995-1999.pdf.
- Ferrara, Walter and Paolo Pasi (eds.) (2000), "Come funzionano le euroregioni", Esplorazione in sette casi, I.S.I.G., Gorizia.
- Feser, E.J. and E.M. Bergman (2000), "National Industry Cluster Templates: a Framework for Applied Regional Cluster", Regional Studies, 34, 1, pp. 1-19.
- Ffowcs-Williams, I. (2000), "Policy for Inter-firm Networking and Clustering: a Practitioner's Perspective", prepared for the OECD/Italian Ministry of Industry Bologna Conference for Ministers Responsible for SMEs and Industry Ministers on "Enhancing the Competitiveness of SMEs in the Global Economy: Strategies and Policies", 13-15 June, available at www.competitiveness.org/filemanager/download/593/OECD%20Bologna%20May%2000%20E4.pdf.
- Flatters, Henderson and Mieszkowski (1974a), "Optimum City Size: The External Diseconomy Question", *Journal of Political Economy* (1974), 82, pp. 373-388. An essay, "Externality Policies and City Size", based upon this article is published in J. Gardner, P. Graves, and G. Tolley (eds.) (1979), *Urban Growth Policy in a Market Economy*, Academic Press, New York.
- Flatters, Henderson and Mieszkowski (1974b), "Public Goods, Efficiency, and Regional Fiscal Equalization", *Journal of Public Economics*, 3, pp. 99-112.
- Florida, R. (2002), The Rise of the Creative Class and How It's Transforming Work, Leisure, Community and Everyday Life, Basic Books, New York.
- Freire and Polèse (2003), Connecting Cities with Macroeconomic Concerns: The Missing Link, The World Bank, Washington, D.C., p. 124.
- Fujita, M. and R. Ishii (1998), "Global Location Behavior and Organizational Dynamics of Japanese Electronics Firms and their Impact on Regional Economies", in Alfred D. Chandler Jr., Peter Hagström, and Örjan Sölvell (eds.), The Dynamic Firm: The Role of Technology, Strategy, Organization and Regions, Oxford University Press, Oxford, pp. 167-216.
- Giordano, B. and E. Roller (2003), "A Comparison of City Region Dynamics in the UK, Spain and Italy: More Similarities than Differences?", Regional Studies, 37, pp. 911-927.
- Gotthmann, J. (1961), Megalopolis, The Urbanized Northeastern Seaboard of the United States, The Twentieth Century Fund, New York.
- Greater Phoenix Economic Council (2002), Turning Point: New Choices for the Future, available at www.greaterphoenix.net/work/files/Pocketsummary.pdf.
- Hall, P. (2001), "Global City-Regions in the Twenty-First Century" in A. Scott (ed.), Global City Regions: Trends, Theory and Policy, Oxford University Press Inc., New York.
- Henderson, Vernon (1997), "Medium Size Cities", Regional Science and Urban Economics, 27, pp. 583-612.
- Henderson, V, A. Kuncoro and M. Turner (1995), "Industrial Development in Cities", *Journal of Political Economy*, Vol. 103, No. 5, pp. 1067-1090.
- Hirschman, Albert O., (1958), The Strategy of Economic Development, Yale University Press. New Haven.
- Högfeldt, P. (2004), "The History and Politics of Corporate Ownership in Sweden", available at www.nber.org/books/corp-owner03/hogfeldt6-30-04.pdf.

- Houlberg, Kurt (2000), "Kommunale stordriftsfordele hvor finder vi dem, og hvor store er de?, Koebenhavn", AKF Forlaget.
- IKED (International Organization for Knowledge Economy and Enterprise Development), (2005), "Enabling Growth and Innovation for SMEs Proceedings from IKED/INSME", available at www.iked.org/pdf/IKED\_INSME.pdf.
- Inoue, H. (2003), "Activating Industrial Clusters On-The-Spot Experience", available at www.rieti.go.jp/users/cluster-seminar/pdf/005\_p.pdf.
- Isaksen, A. and E. Hauge (2002), Regional Clusters in Europe, European Commission, Observatory of European SMEs, 2002/3, Office of Official Publications of the European Communities, Luxembourg.
- Jacobs, J. (1969), The Economy of Cities, Random House, New York.
- Jacobs, J. (1985), Cities and the Wealth of Nations: Principles of Economic Life, Viking, Harmondsworth.
- Jensen, Nathan M. (2006), Nation-States and the Multinational Corporation: A Political Economy of Direct Foreign Investment, Princeton University Press, Princeton.
- Jong Kon Chin, S. (2006), "Scientific Communities and the Birth of New Industries", PhD thesis, European University Institute, Florence.
- Kaldor, N. (1967), Strategic Factors in Economic Development, New York State School of Industrial and Labour Relations, Cornell University, Ithaca, New York.
- Kenney, M. (ed.) (2000), Understanding Silicon Valley: The Anatomy of an Entrepreneurial Region, Stanford University Press, Stanford.
- Ketels, C. (2003), "The Development of the Cluster Concept Present Experiences and Further Developments", available at www.isc.hbs.edu/pdf/Frontiers\_of\_Cluster\_Research\_2003.11.23.pdf.
- Kilkenny, M., L. Nalbarte, and T. Beser (1999), "Reciprocated Community Support and Small-Town, Small-Business Success", Entrepreneurship and Regional Development, 11, pp. 231-246.
- Kilkenny, M., and L. Nalbarte (2000), "Keystone Sector Identification", TVA Rural Studies Program.
- Kiser, E. (2001), "Have We Over-estimated the Effects of Neoliberalism and Globalization?", in J. Campbell and O. Pedersen (eds.), The Rise of Neoliberalism and Institutional Analysis, Princeton University Press, Princeton.
- Kloosterman, R.C. and B. Lambregts (2001), "Clustering of Economic Activities in Polycentric Urban Regions: The Case of the Randstad", *Urban Studies*, Vol. 38, No. 4, pp. 717-732.
- Krugman, P.R. (1991), "Cities in Space: Three Simple Models", NBER Working Papers 3607, National Bureau of Economic Research, Inc.
- Krugman, P.R. (1992), "Geography and Trade", The MIT Press, Cambridge, MA.
- Krugman, P.R., A.J. Venables and M. Fujita (1999), The Spatial Economy, The MIT Press, Cambridge MA.
- Kübler, D. and H. Heinelt (2005), Metropolitan Governance, Capacity, Democracy and the Dynamics of Place, Routledge, London and New York.

- Laurila, T. (2005), "Innovation Strategy Process in the Helsinki Region", Baltic Sea Region Micro/Nano Technologies Seminar, available at www.fmnt.fi/berlin/Lectures/Laurila.pdf.
- Le Galès, P. (2004), European Cities, Oxford University Press, Oxford.
- Lefevre, Christian (2006), Comparative Analysis of Metropolitan Governance in City-Regions, paper presented at the "Metropolitan Areas for City-Regions and Medium-sized Cities", International Workshop, OECD-Region of Galicia, 30-31 March, Santiago de Compostella.
- Lefevre (2004), "The Governability of Metropolitan areas: International Experiences and Lessons for Latin America", Report for the Inter-American Bank for Development, February.
- Lundvall, B.-A. and S. Borras (1998), The Globalizing Learning Economy: Implications for Innovation Policy, Office of Official Publications of the European Communities, Luxembourg.
- Lukkarinen, Margita (2004), "Local Development Agreements as a Tool to Stop Segregation in Vulnerable Metropolitan Areas: the Main Elements of the Policy", Peer Review in the Field of Social Inclusion Policies, European Commission, DG Employment and Social Affairs.
- Martin, R. and P. Sunley (2003), "Deconstructing Clusters: Chaotic Concept or Policy Panacea?", Journal of Economic Geography, 3, pp. 5-35.
- Meijers, Evert (2005), "Polycentric Urban Regions and the Quest for Synergy: Is a Network of Cities More Than the Sum of the Parts?", Urban Studies, Vol. 42, No. 4, April, pp. 765-781.
- Merriman, Ohkawara and Suzuki (1995), "Excess Commuting in the Tokyo Metropolitan Area: Measurement and Policy Simulations", *Urban Studies*, Vol. 32, No. 1, 1 February.
- Metropolitan Community of Montreal (2003), "Charting Our International Future: Building a Competitive, Attractive, Independent and Responsible Community", available at www.cmm.qc.ca/vision2025/vision2025\_enonce\_en.pdf.
- Metropolitan Community of Montreal (2005), "Charting Our International Future: A Competitive Metropolitan Montreal Region", Economic Development Plan (February), www.cmm.qc.ca/pde/documents/pde05\_english.pdf.
- Mévellec, A. (2002), "De la coopération intercommunale à la coopération métropolitaine: Changement de paradigme dans l'aménagement du territoire à la française?", paper for the conference "Governance and Spatial Discontinuities: Reterritorialization or a New Polarization of Metropolitan Spaces?", INRS-Urbanisation, 24-25 April 2006, Montréal.
- Moeller, Inge Lene and Niels Joergen Mau Pedersen (2001), "Economies of Scale in Local Governments Theoretical and Empirical Investigations of Danish Municipalities", paper for the 57th Congress of International Institute of Public Finance, August 2001, Linz, Austria.
- Munnich, L.W. et al. (1996), "Southeastern Minnesota Industrial Cluster Study", joint project by the Initiative Fund of Southeastern and South Central Minnesota and the State and Local Policy Program, September.
- Myrdal, G. (1957), Economic Theory and Under-Developed Regions, Duckworth, London.

- Newark Alliance (2004), Opportunity Newark: Jobs and Community Development for the 21st Century, available at www.opportunitynewark.com/default.aspx.
- Newman, Peter and Gilles Verpraet (1999), "The Impacts of Partnership on Urban Governance: Conclusions from Recent European Research", Regional Studies, Vol. 33, No. 5, July, pp. 487-491.
- Newton, K. (1982), "Is Small Really so Beautiful? Is Big Really so Ugly? Size, Effectiveness and Democracy in Local Government", Political Studies, 30, pp. 190-206.
- ODPM (Office of the Deputy Prime Minister) (2004a), "Competitive European Cities: Where Do the Core Cities Stand?", www.communities.gov.uk/pub/441/CompetitiveEuropeanCities WheredotheCoreCitiesStandFullReportPDF444Kb\_id1127441.pdf.
- ODPM (Office of the Deputy Prime Minister) (2004b), "Our Cities Are Back: Competitive Cities Make Prosperous Regions", http://siteresources.worldbank.org/INTLED/Resources/339650-1105473440091/CitiesareBackDec04UK.pdf.
- ODPM (Office of the Deputy Prime Minister) (2006), "A Framework for City Regions", London, www.communities.gov.uk/pub/588/AFrameworkforCityRegionsResearchReport PDF814Kb\_id1163588.pdf.
- OECD (1998), Integrating Urban Distressed Areas, OECD publications, Paris, France.
- OECD (2001a), Cities and Regions in the New Learning Economy, OECD publications, Paris, France.
- OECD (2001b), OECD Territorial Reviews: Hungary, OECD publications, Paris, France.
- OECD (2001c), OECD Territorial Reviews: Korea, OECD publications, Paris, France.
- OECD (2002a), OECD Territorial Reviews: Canada, OECD publications, Paris, France.
- OECD (2002b), OECD Territorial Reviews: Champagne-Ardenne, France, OECD publications, Paris, France.
- OECD (2002c), OECD Territorial Reviews: Switzerland, OECD publications, Paris, France.
- OECD (2003a), OECD Territorial Reviews: Helsinki, Finland, OECD publications, Paris, France.
- OECD (2003b), OECD Territorial Reviews: Metropolitan Melbourne, Australia, OECD publications, Paris, France.
- OECD (2003c), OECD Territorial Reviews: Öresund, Denmark/Sweden, OECD publications, Paris, France.
- OECD (2003d), OECD Territorial Reviews: Vienna-Bratislava, Austria/Slovak Republic, OECD publications, Paris, France.
- OECD (2004a), OECD Territorial Reviews: Athens, Greece, OECD publications, Paris, France.
- OECD (2004b), OECD Territorial Reviews: Busan, Korea, OECD publications, Paris, France.
- OECD (2004c), OECD Territorial Reviews: Montreal, Canada, OECD publications, Paris, France.
- OECD (2005a), Building Competitive Regions: Strategies and Governance, OECD publications, Paris, France.
- OECD (2005b), OECD Factbook 2005, OECD publications, Paris, France.
- OECD (2005c), OECD Territorial Reviews: Finland, OECD publications, Paris, France.
- OECD (2005d), OECD Territorial Reviews: Japan, OECD publications, Paris, France.

- OECD (2005e), OECD Territorial Reviews: Mexico City, Mexico, OECD publications, Paris, France.
- OECD (2005f), OECD Territorial Reviews: Seoul, Korea, OECD publications, Paris, France.
- OECD (2005g), Regions at a Glance 2005, OECD publications, Paris, France.
- OECD (2006a), OECD Territorial Reviews: France, OECD publications, Paris, France.
- OECD (2006b), OECD Territorial Reviews: Milan, Italy, OECD publications, Paris, France.
- OECD (2006c), OECD Territorial Reviews: Newcastle, United Kingdom, OECD publications, Paris, France.
- OECD (2006d), OECD Territorial Reviews: Stockholm, Sweden, OECD publications, Paris, France
- OECD (forthcoming a), OECD Territorial Reviews: Istanbul, Turkey, OECD publications, Paris. France.
- OECD (forthcoming b), OECD Territorial Reviews: Randstad-Holland, The Netherlands, OECD publications, Paris, France.
- OECD (forthcoming c), Spatial Development and Infrastructure, OECD publications, Paris, France.
- Pinson, G., (2006), "Strategic Planning: Vector or Substitute for Metropolitan Integration: Lessons from Italy", paper for the conference "Governance and Spatial Discontinuities: Reterritorialization or a New Polarization of Metropolitan Spaces?", INRS-Urbanisation, 24-25 April, Montreal.
- Perkmann, Markus (1999), "Building Governance Institutions Across European Borders", Regional Studies, Vol. 33:7, pp. 657-667.
- Polèse, M. (2005), "Cities and National Economic Growth: A Reappraisal", *Urban Studies*, 42, 8, pp. 1429-1451.
- Porter, M. (1990), The Competitive Advantage of Nations, Basic Books, New York.
- Porter, M. (2000a), "Cluster Mapping Project", Harvard Institute for Strategy and Competitiveness, https://secure.hbs.edu/isc/index.jsp.
- Porter, M. (2000b), "Location, Competition, and Economic Development: Local Clusters in a Global Economy", Economic Development Quarterly, Vol. 14, No. 1, pp. 15-34.
- Porter, M. (2002), "District of Columbia: Profile of the State Economy", available at www.isc.hbs.edu/district\_of\_colubia\_02-26-02.pdf.
- Power, D. and M. Lundmark (2004), "Working through Knowledge Pools: Labour Market Dynamics, the Transference of Knowledge and Ideas, and Industrial Clusters", *Urban Studies*, 41, 5/6, pp. 1025-1044.
- Prud'homme, Rémy (1996), "Managing Megacities", Le courrier du CNRS, No. 82, pp. 174-176.
- Raines, P. (ed.) (2002), Cluster Development and Policy, Ashgate, Aldershot.
- Rasmussen, J. (2003), European Seminar on Cluster Policy Workshop 2: National Policies, 10 June, available at www.ebst.dk/file/4233/cluster\_rasmussen.pdf.
- Ratti, Remigio (1993), "Spatial and Economic Effects of Frontiers: Overview of Traditional and New Approaches and Theories of Border Area Development", in Remigio Ratti and Shalom Reichmann (eds.), Theory and Practice of Transborder Cooperation, Helbing and Lichtenbahn, Basel/Frankfurt A.M.

- Rodriguez Alvarez, J.M. (2002), "Madrid, le pilotage politique par la région", in B. Jouve et C. Lefèvre (dir.), Métropoles ingouvernables, Elsevier, Paris.
- Roelandt, T.J.A. and P.D. Hertog (eds.) (1999), Boosting Innovation, the Cluster Approach, OECD Proceedings, OECD, Paris.
- Romein, Arie (2004), "Spatial Planning in Competitive Polycentric Urban Regions: Some Practical Lessons from Northwest Europe", OTB Research Institute for Housing, Urban and Mobility Studies, Delft University of Technology, paper submitted to City Futures Conference, 8-10 July 2004, Chicago, IL.
- Romer, P.M. (1986), "Increasing Returns and Long-Run Growth", *Journal of Political Economy*, Vol. 94, I5, pp. 1002-1037.
- Rosenfeld, S. et al. (2000), "Clusters in Rural Areas: Auto Supply Chains in Tennessee and Houseboat Manufacturers in Kentucky", TVE Rural Studies Program.
- Rosenfeld, S. (1998), "Technical Colleges, Technology Deployment, and Regional Development", draft stock-taking paper prepared for the OECD, available at www.rtsinc.org/publications/OECD6%2098%20doc%20copy.pdf.
- San Diego Association of Governments, *Industry Clusters*, retrieved on 2 May 2000, from www.sdrta.org/.
- Sassen, S. (2006), Territory, Authority, Rights: From Medieval to Global Assemblages, Princeton University Press.
- Sassen, S. (2003), Keynote Speech at international conference on Technology Clusters, 7-8 November, Montreal, (conference highlights prepared by Manon Bourgeois and Mireille Brochu).
- Sassen (1991), The Global City: New York, London, Tokyo, Princeton University Pres, 1991, 1st ed.
- Savitch and Vogel (2000), "Paths to New Regionalism", State and Local Government Review, Vol. 32, pp. 158-168.
- Saxenian, A.-L. (1994), Regional Advantage: Culture and Competition in Silicon Valley and Route 128, Harvard University Press, Cambridge, MA.
- Scott, A. (2004), "Cultural-Products Industries and Urban Economic Development: Prospects for Growth and Market Contestation in Global Context", *Urban Affairs Review*, Vol. 39, No. 4, March, pp. 461-490.
- Scott, A. (eds.) (2001), Global City Regions: Trends, Theory and Policy, Oxford University Press Inc., New York.
- Scott, James Wesley (1999), "European and North American Contexts for Cross-border Regionalism", Regional Studies, Vol. 33:7, pp. 605-617.
- Simmie, Sennett and Wood (2002), "Innovation in Europe: A Tale of Knowledge and Trade in Five Cities", Regional Studies, Vol. 36:1, pp. 47-64.
- Stiglitz, J. (1977), "The Theory of Local Public Goods" in M. Feldstein and R. Inman (eds.), The Economics of Public Service, Macmillan Press, London.
- Stimson, R.J., R.R. Stough and B. Roberts (2002), Regional Economic Development: Analysis and Planning Strategy, Springer, New York.
- Storper, M. (1997), The Regional World: Territorial Development in a Global Economy, Guilford Press, New York.

- Storper, M. (1997), "Regional Economies as Relational Assets", available at www.lse.ac.uk/collections/geographyAndEnvironment/whosWho/profiles/storper/pdf/RegEcRelAssets.pdf.
- Swann, G.M.P., M. Prevezer and D. Stout (1998), The Dynamics of Industrial Clustering: International Comparisons in Computing and Biotechnology, Oxford University Press, Oxford.
- Swiss Federal Council (2001), "Politique des agglomérations de la Confédération", Report of the Federal Council of 19 December 2001.
- Taylor, P.J. and D.R.F. Walker (2004), "Urban Hinterworlds Revisited", Geography, 89, 2, pp. 145-151.
- The Commonwealth of Massachussets Executive Department (2003), Press Release (February 13, 2003), "Romney Targets Job Growth through Regional Councils: Business, community and education leaders work together to bolster economic activity", Boston, MA, www.isc.hbs.edu/pdf/MA\_RCC\_press\_release.pdf.
- Tiebout, Charles, (1956), "A Pure Theory of Local Public Expenditures", *Journal of Political Economy*, 64, pp. 416-424.
- United Nations (1998), "World Urbanization Prospects: The 1996 Revision", United Nations, New York, US, Small Business Administration (2005), survey report, available at www.sba.gov/advo/stats/sbfaq.pdf.
- United Nations (2004), "World Urbanization Prospects: The 2003 Revision", Department of Economic and Social Affairs, Population Division, www.un.org/esa/population/publications/wup2003/WUP2003.htm.
- The Commonwealth of Massachusetts Executive Department (2003), "Romney Targets Job Growth through Regional Councils: Business, Community, and Education Leaders Work Together to Bolster Economic Activity", press release, 13 February 2003, Boston, MA, www.isc.hbs.edu/pdf/MA\_RCC\_press\_release.pdf.
- Navarro, Carmen and Tomàs Fornes Mariona (2002), "Madrid and Barcelona Metropolitan Areas in Comparative Perspective", paper for the conference "Governance and Spatial Discontinuities: Reterritorialization or a New Polarization of Metropolitan Spaces?" INRS-Urbanisation, 24-25 April 2006, Montreal, www.vrm.ca/documents/Carmen Navarro.pdf.
- Walter-Rogg, Melanie (2006), "Metropolitan Governance Reform in Germany", paper for the conference "Governance and Spatial Discontinuities: Reterritorialization or a New Polarization of Metropolitan Spaces?" INRS-Urbanisation, 24-25 April 2006, Montreal, www.vrm.ca/documents/Montreal2006\_Working\_Paper\_Walter\_Rogg\_Sojer.pdf.
- Westin, L. and A. Osthol (1994), "Functional Networks, Infrastructure and Regional Mobilization", in L. Lundqvist and O. Persson (eds.), Northern Perspectives on European Integration, nordREFO, Stockholm, pp. 43-57.
- Winden, W.V. and L.V. D. Berg (2004), "Cities in the Knowledge Economy: New Governance Challenges", Euricur Discussion Paper (European Institute for Comparative Urban Research), Rotterdam, the Netherlands.
- Wyatt, W. (1998), "Research Study on Competences", available at www.watsonwyatt.com/research/resrender.asp?id=W-99&page=3.

ISBN 92-64-02708-4
OECD Territorial Reviews
Competitive Cities in the Global Economy
© OECD 2006

## Bibliography

- Aaker, D. (1996), Building Strong Brands, The Free Press, New York.
- Alesina, A. and A. Drazen (1991), "Why are Stabilizations Delayed?", American Economic Review, 81, No. 5 (December).
- Allison, J. (2005), "Exodus or Renaissance? Metropolitan Migration in the Late 1990s", Town Planning Review, 76, 2, pp. 167-189.
- Andrews, M., W. Duncombe and J. Yinger (2002), "Revisiting Economies of Size in Education: Are We Any Closer to a Consensus?", Economics of Education Review, 21: pp. 245-262.
- Angel, D. P. (1991), "High-Technology Agglomeration and the Labour Market: The Case of Silicon Valley", Environment and Planning, A, 23, pp. 1 501-1 516.
- Aniello, V. (2002), Mezzogiorno Revisitato: I Distretti Competitivi in Campania, Edizioni Scientifiche Italiane, Naples.
- ARS (Alliance for Regional Stewardship) (2003), Inclusive Stewardship: Emerging Collaborations between Neighbourhoods and Regions, Alliance for Regional Stewardship, Denver, CO.
- ARS (2004), Regional Business Civic Organisations: Creating New Agendas for Metropolitan Competitiveness, Alliance for Regional Stewardship, Denver, CO.
- Bachtler, J. (2004), "Innovation-led Regional Development: Policy Trends and Issues", paper presented at the OECD conference on "Innovation and Regional Development: Transition Towards a Knowledge-based Economy", 25-26 November 2004, Florence, Italy (unpublished).
- Bagnasco, A. (1977), Tre Italie: la problematica territoriale dello sviluppo italiano, Il Mulino, Bologna.
- Barnes, W. and L.C. Ledebur (1998), The New Regional Economies: The US Common Market and the Global Economy, Sage Publications, Thousand Oaks, CA.
- Baumann, A. (2002), "Convergence *versus* Path-Dependency: Vocational Training in the Media Production Industries in Germany and the UK", PhD thesis, European University Institute, Florence.
- Beaumont, J-R et al. (2003), "Urban Policy In The Netherlands", pp. 119-137, in P. De Decker, J. Vranken, J. Beaumont, I. Van Nieuwenhuize (eds.), On The Origin Of Urban Development Programmes, Garant, Antwerp/Apeldoorn, p. 195.
- Beaumont, J-R and I. Van Nieuwenhuize (eds.) (2003), On the Origin of Urban Development Programmes, Garant, Antwerp/Apeldoorn, p. 195.
- Beauregard, R. A. (2004) "The Resilience of US Cities: Decline and Resurgence in the 20th Century", paper presented to Leverhulme International Symposium on "The Resurgent City", London School of Economics, available from: www.lse.ac.uk/collections/resurgentCity/Papers/Opening plenary/robertabeauregard.pdf.

- Becattini, G. (1987), Mercato e forze locali: il distretto industriale, Il Mulino, Bologna.
- Bell, D. (1973), The Coming of Post-Industrial Society: A Venture in Social Forecasting, Basic Books, New York.
- Bennett, R. and S. Savani (2003), "The Rebranding of City Places: An International Comparative Investigation", International Public Management Review, 4(2), pp. 70-87.
- van den Berg, L., P.M.J. Pol, W. van Winden and P. Woets (2004), European Cities in the Knowledge Economy: The Cases of Amsterdam, Dortmund, Eindhoven, Helsinki, Manchester, Munich, Münster, Rotterdam and Zaragoza, Euricur, Rotterdam.
- Berry, B.J.L. (1964), "Cities as Systems within Systems of Cities", Papers of the Regional Science Association, 13, 147-163.
- Birdsall, N. and J.L. Londoño (1997), "Asset Inequality Matters: An Assessment of the World Bank's Approach to Poverty Reduction", American Economic Review, Vol. 87, No. 2 (AEA Papers and Proceedings), pp. 32-37.
- Blackwell, A. G., and R. Fox (2004), "Regional Equity and Smart Growth: Opportunities for Advancing Social and Economic Justice in America", Funders' Network for Smart Growth and Liveable Communities, Translation Paper 1, Edition 2, Coral Gables, Florida.
- Boddy, M. (ed.) (2003), Urban Transformation and Urban Governance: Shaping the Competitive City of the Future, Policy Press, Bristol.
- Boddy, M., C. Lambert, S. French and I. Smith (1999), "Bristol Business Survey", Working Paper 6, ESRC Cities Programme, University of Bristol.
- Boston Consulting Group (1998), "The Business Case for Pursuing Retail Opportunities in the Inner City", available at www.icic.org.
- Boyer, R. (1986), La Théorie de la Régulation: Une Analyse Critique, Algalma, Paris.
- Boadway, R. and E. Mörk (2004), "Division of Powers", in Per Molander (ed.), Fiscal Federalism in Unitary States, Kluwer Academic Publishers, Dordrecht, NL.
- Brunello, G. and F. Gambarotto (2004), "Agglomeration Effects on Employer-Provided Training: Evidence from the UK", IZA Working Paper 1055, Institute for the Study of Labour (IZA), Bonn.
- Brunello, G. and M. De Paolo (2004), "Training and the Density of Economic Activity: Evidence from Italy", IZA Working Paper 1173, Institute for the Study of Labour (IZA), Bonn.
- Buck, N. and I.R. Gordon (2005), "Cities, Competitiveness, Cohesion and Governance A Sketch of 'The New Conventional Wisdom'", Chapter 1, in N. Buck, I. Gordon, A. Harding and I. Turok (eds.), Changing Cities: Rethinking Urban Competitiveness, Cohesion and Governance, Palgrave Macmillan, Basingstoke.
- Buck, N., I.R. Gordon, P.G. Hall, M. Harloe and M. Kleinman (2002), Working Capital: Life and Labour in Contemporary London, Routledge, London.
- Burgess, J. (1981), "The Misunderstood City", Landscapes, Vol. 25.
- Burroni, L and C. Trigilia (2001), "Italy: Economic Development through Local Economies", in Crouch et al. (2001), q.v., pp. 46-78.
- Cafaggi, F. (ed.) (2004), Reti di imprese tra regolazione e norme sociali, Il Mulino, Bologna.
- Camagni, R. (2002), "On the Concept of Territorial Competitiveness: Sound or Misleading?", Urban Studies, 39, pp. 2395-2411.

- Carlton, D.W. (1979), "Vertical Integration in Competitive Markets under Uncertainty", Journal of Industrial Economics, 27, pp. 189-209.
- Castells, M. (1996), The Rise of the Network Society, Blackwell, Cambridge, MA.
- Castells, M. (2001), "The Information City, the New Economy, and the Network Society", in A. Kasvio, V. Laitalainen, H. Salonen and P. Mero (eds.), People, Cities and the New Information Economy, proceedings of an International Conference in Helsinki, 14-15 December 2000, pp. 22-37.
- CEC (2004), "Innovation in Europe, Iceland and Norway: Overview of the Third Community Innovation Survey", CEC, Luxembourg, www.cordis.lu/innovation-smes/src/cis.htm.
- CEOs for Cities (2002), "Leveraging Colleges and Universities for Urban Economic Revitalisation: An Action Agenda", www.ceosforcities.org/research/2002/leveraging\_colleges/.
- De Certeau, M. (1980), "L'invention du quotidien", Arts De Faire, 10/18, Uge, Paris.
- Chalkley, B. and S. Essex (1999), "Urban Development through Hosting International Events: A History of the Olympic Games", Planning Perspectives, Vol. 14, pp. 369-394.
- Chamberlin, E. (1933), The Theory of Monopolistic Competition, Harvard University Press, Cambridge, MA.
- Chatterton, P. and R. Unsworth (2004), "Making Space for Culture(s) in Boomtown: Some Alternative Futures for Development, Ownership and Participation in Leeds City Centre", Local Economy, Vol. 19, No. 4.
- Chernick, H. (1998), "Fiscal Capacity in New York: the City Versus the Region", National Tax Journal, 51 (September), pp. 531-540.
- Chernick, H. (2004), "Fiscal Equalisation between Swedish Municipalities", in Per Molander (ed.), Fiscal Federalism in Unitary States, Kluwer Academic Publishers, Dordrecht, NL.
- Cheshire, P. (1979), "Inner Areas as Spatial Labour Markets: A Critique of the Inner Area Studies", *Urban Studies*, 16, pp. 29-43.
- Cheshire, P. and I. Gordon (1998), "Territorial Competition: Some Lessons for Policy", Annals of Regional Science, 32, pp. 321-346.
- Christerson, B. and C. Lever-Tracy (1997), "The Third China? emerging industrial districts in rural China", International Journal of Urban and Regional Research, 21, pp. 569-588.
- Cooke, P., C. Davies and R. Wilson (2002), "Innovation Advantages of Cities: From Knowledge to Equity in Five Basic Steps", European Planning Studies, 10, pp. 2232-2250.
- Coombs, R. and S. Metcalfe (2000), "Universities, the Science Base and the Innovation Performance of the UK", CRIC Briefing Paper No. 5 November, University of Manchester and UMIST, Manchester.
- Core Cities Working Group (2004), Innovation Group Final Report, July, www.corecities.com.
- Crouch, C. (1999), Social Change in Western Europe, Oxford University Press, Oxford.
- Crouch, C. and H. Farrell (2001), "Great Britain: Falling through the Holes in the Network Concept", in Crouch et al., q.v., pp. 154-211.

- Crouch, C., P. Le Galès, C. Trigilia and H. Voelzkow (2001), Local Production Systems in Europe: Rise or Demise?, Oxford University Press, Oxford.
- Crouch, C., P. Le Galès, C. Trigilia and H. Voelzkow (2004), Changing Governance of Local Economies: Responses of European Local Production Systems, Oxford University Press, Oxford.
- Crouch, C. and C. Trigilia (2001), "Conclusions: Still Local Economies in Global Capitalism", in Crouch et al., q.v.
- Cumbers, A., D. Mackinnon and K. Chapman (2003), "Innovation, Collaboration and Learning in Industrial Clusters: A Study of SMEs in the Aberdeen Oil Complex", Environment and Planning A, 35, pp. 1 689-1 706.
- Dei Ottati, G. (2004), "Global Competition and Entrepreneurial Behaviour in Industrial Districts: Trust Relations in an Italian Industrial District", in H.-H. Hoehmann and F. Welter (eds.), Trust and Entrepreneurship: A West-East Perspective, Elgar, Cheltenham.
- Di Gregorio, D. and S. Shane (2003), "Why So Some Universities Generate More Start-Ups than Others?", Research Policy, 32, pp. 209-227.
- Docherty, I., N. Bailey and I. Turok (2001), Central Scotland Business Survey: Initial Report, University of Glasgow.
- Duncombe, W. and J. Yinger (2000), "Financing Higher Student Performance Standards: the Case of New York State", Economics of Education Review, 19, pp. 363-386.
- Duranton, G. and D. Puga (2004), "Micro Foundations of Urban Agglomeration Economies", in J.V. Henderson and J.F. Thisse (eds.), Handbook of Regional and Urban Economics, Vol. 4, Elsevier, Amsterdam, pp. 2065-2118.
- Duster, T. (1995), "Post Industrialisation and Youth Unemployment: African Americans as Harbingers", in K. McFate, R. Lawson and W.J. Wilson (eds.), Poverty, Inequality and the Future of Social Policy, Russell Sage Foundation, New York.
- Edquist, C. (1997), "Systems of Innovation Approaches Their Emergence and Characteristics", in C. Edquist (ed.), Systems of Innovation: Technologies, Institutions and Organisations, Pinter, London.
- Elbing, S. (2004), "The Media Industry in Cologne and London", Volkswagen Stiftung project on "Productive Incoherences in Local Economies", unpublished paper.
- Elfring, T., and W. Hulsink (2003), "Networks in Entrepreneurship: The Case Of High-Technology Firms", Small Business Economics, 21, pp. 409-422.
- ERECO (The European Economic Research Consortium) (2004), European Regional Prospects, Analysis and Forecasts to 2008, The European Economic Research Consortium and Cambridge Econometrics.
- European Commission (1999), Sustainable Urban Development in the European Union: A Framework for Action, Cohesion and Regional Policy, Brussels, p. 41.
- European Commission (2001), Second Report on Economic and Social Cohesion, Brussels.
- Evans, G. (2003), Cultural Planning: an Urban Renaissance, Routledge, London.
- Fainstein, S., I. Gordon and M. Harlow (eds.) (1992), New York and London in the Contemporary World, Blackwell, Oxford.
- Farrell, H. and A.-L. Holten (2004), "Collective Goods in the Local Economy: The Packaging Machinery Cluster in Bologna", in Crouch et al., q.v.

- Fehr, E. and K.M. Schmidt (2004), "The Role of Equality, Efficiency, and Rawlsian Motives in Social Preferences: A Reply to Engelmann and Strobel", Working Paper No. 179, Institute for Empirical Economics, University of Zurich.
- Fielding, A.J. (1991), "Migration and Social Mobility: South East England as an Escalator Region", Regional Studies, 26, pp. 1-15.
- Florida, R. (2002), The Rise of the Creative Class, and how it's Transforming Work, Leisure, Community and Everyday Life, Basic Books, New York.
- Florida, R. (2005), The Flight of the Creative Class, Harper Collins, New York.
- Foster, K. (2001), Regionalism on Purpose, Lincoln Land Institute, Cambridge, MA.
- Friedrichs J. and J. Dangschat (1993), "Hamburg: culture and urban competition" in F. Bianchini and M. Parkinson (eds.), Cultural Policy and Urban Regeneration: The West European Experience, Manchester University Press, Manchester, pp. 114-34.
- Funders' Network for Smart Growth and Liveable Communities (2005), Signs of Promise: Stories of Philanthropic Leadership in Advancing Neighbourhood and Regional Equity, Funders' Network for Smart Growth and Liveable Communities, Coral Gables, Florida.
- FutureWorks (2003), It Takes a Region to Raise a New Economy: How Business Leadership Is Driving Regional Prosperity, FutureWorks, Arlington, MA, www.winwinpartner.com/\_downloads/080603MBNreport.pdf.
- FutureWorks (2004), Minding Their Civic Business: A Look at the New Ways Regional Business-Civic Organisations are Making a Difference in Metropolitan North America, FutureWorks. Arlington. MA.
- Glaeser, E. (1999), "Learning in Cities", Journal of Urban Economics, 46, pp. 254-277.
- Glaeser, E. and D. Marc (2001), "Cities and Skills", Journal of Labor Economics, 19, pp. 316-342.
- Glaeser, E. and J. Shapiro (2001), "Is There A New Urbanism? The Growth of US Cities in the 1990s", Working Paper 8 357, National Bureau of Economic Research.
- Glaeser, E. (2005), "Four Challenges for Scotland's Cities", in D. Coyle et al. (eds.), New Wealth for Old Nations, Princeton University Press, Princeton.
- Glassmann, U. (2004), "Refining National Policy: The Machine-Tool Industry in the Local Economy of Stuttgart", in Crouch et al., q.v., pp. 46-73.
- Glassmann, U. and H. Voelzkow (2001), "The Governance of Local Economies in Germany", in Crouch et al., q.v.
- Glasson, J (2003), "The Widening Local and Regional Development Impacts of the Modern Universities A Tale of Two Cities" (and North-South Perspectives), Local Economy, 18, 1, pp. 21-37.
- Gnad, F. (2000), "Regional Promotion Strategies for the Culture Industries in the Ruhr Area", in F. Gnad and J. Siegmann (eds.), Culture Industries in Europe: Regional Development Concepts for Private-Sector Cultural Production and Services, Ministry for Economics and Business, Technology and Transport of the State of North Rhine-Westphalia, and the Ministry for Employment, Social Affairs and Urban Development, Culture and Sports of the State of North Rhine-Westphalia, Düsseldorf, pp. 172-177.
- Goddard, J. (2004), Keynote address to the OECD Conference on "Innovation and Regional Policy", unpublished, 25-26 November 2004, Florence, Italy.
- Gold, J. (1980), An Introduction to Behavioural Geography, Oxford University Press, Oxford.

- Goldsmith, B. and T. O'Regan (2005), The Film Studio, Rowman and Littlefield, Boulder.
- Gordon, D.L.A (1996), "Planning, Design and Managing Change in Urban Waterfront Redevelopment", Town Planning Review, Vol. 67, No. 3.
- Gordon, I.R. (2003), "Unemployment and Spatial Labour Markets: Strong Adjustment and Persistent Concentration", Chapter 3, in R. Martin and P. Morrison (eds.), Geographies of Labour Market Inequality, London, TSO, 2001.
- Gordon, I.R. (2005), "Integrating Cities", Chapter 5, in N. Buck, I. Gordon, A. Harding and I. Turok (eds.), Changing Cities: Rethinking Urban Competitiveness, Cohesion and Governance, Palgrave Macmillan, Basingstoke.
- Gordon, I.R. and P. McCann (2005), "Innovation, Agglomeration and Regional Development", *Journal of Economic Geography*.
- Gordon, I.R., J. Stockdale, T. Travers and C. Whitehead (2004), London's Place in the UK Economy 2004, Corporation of London, London.
- Gordon, I.R. and I. Turok (2005), "How Urban Labour Markets Matter", Chapter 14, in N. Buck, I. Gordon, A. Harding and I. Turok (eds.), Changing Cities: Rethinking Urban Competitiveness, Cohesion and Governance, Palgrave Macmillan, Basingstoke.
- Gottlieb, P.D. (2000), "The Effects of Poverty on Metropolitan Area Economic Performance", in *Urban-Suburban Interdependence: New Directions for Research and Policy*, Lincoln Institute for Land Policy, Cambridge, Massachusetts.
- Grabher, G. (2002), "Cool Projects, Boring Institutions: Temporary Collaboration in Social Context", Regional Studies, 36, pp. 205-214.
- Grabher, G. (2004), "Temporary Architectures of Learning: Knowledge Governance in Project Ecologies", *Organisation Studies*, 25, pp. 1 491-1 514.
- Granovetter, M.S. (1973), "The Strength of Weak Ties", American Journal of Sociology, pp. 1360-1380.
- Green, R.K. and S. Malpezzi (2003), A Primer on U. S. Housing Markets and Housing Policy, AREUEA Monograph Series No. 3, The Urban Institute Press, Washington, DC.
- Griffiths, R. (1993), "The Politics of Cultural Policy in Urban Regeneration Strategies", Policy and Politics, Vol. 21.
- Griffiths, R. (1995), "Cultural Strategies and New Modes of Urban Intervention", Cities, Vol. 12, No. 4.
- Hall, P. (1998), Cities in Civilization, Pantheon, New York.
- Hambleton, R. (1991), "The regeneration of US and British cities", Local Government Studies, September/October, pp. 53-69.
- Haughwout, A.F. (1999), "Regional Fiscal Cooperation in Metropolitan Areas: An Exploration", Journal of Policy Analysis and Management, 18, No. 4, Fall, pp. 579-600.
- Haughwout, A.F. (2000), "The Paradox of Infrastructure Investment: Can a Productive Good Reduce Productivity?", Brookings Review, 18, No. 3, Summer, pp. 38-41.
- Helsinki City Urban Facts (2004), The Regional Economy of Helsinki from a European Perspective, Web Publication No. 31.
- Henderson, J. W. and A.J. Scott (1987), "The Growth and Internationalisation of the American Semiconductor Industry: Labour Processes and the Changing Spatial Organisation of Production", in M.J. Breheny and R. McQuaid (eds.), The

- Development of High Technology Industries: An International Survey, Croom Helm, London, pp. 37-79.
- Henderson, V. (1997), "Medium Size Cities", Regional Science and Urban Economics, Vol. 27, pp. 583-612.
- Henton, D., J. Melville and K. Walesh (2004), Civic Revolutionaries: Igniting the Passion for Change in America's Communities, Jossey-Bass, San Francisco, CA.
- Hill, E. and I. Lendel (2005), "The Competitive Effect of 9-11 on New York Compared to Other Large US Cities", Howard Chernick (ed.), The Impact of the 9-11 Terrorist Attach on the Economy of New York City (forthcoming), Russell Sage Press, New York.
- Hollingsworth, J.R. (2002), "On Institutional Embeddedness", in J.R. Hollingsworth, K.H. Müller and E.J. Hollingsworth (eds.), q.v.
- Hollingsworth, J.R. and R. Boyer (eds.) (1997), Contemporary Capitalism: The Embeddedness of Institutions, Cambridge University Press, Cambridge.
- Hollingsworth, J.R., K.H. Müller and E.J. Hollingsworth (eds.), Advancing Socio-Economics: An Institutionalist Perspective, Rowman and Littlefield, Lanham, MD.
- Hong Kong Central Policy Unit (2003), Baseline Study on Hong Kong's Creative Industries, Centre for Cultural Policy Research, University of Hong Kong, Hong Kong.
- Imrie, R. and H. Thomas (1993), "The Limits of Property-Led Regeneration", Environment and Planning C: Government and Policy, Vol. 11, London.
- Iredale, R. (2001), "The Migration of Professionals: Theories and Typologies", International Migration, Vol. 39, pp. 7-23.
- Jones, A. (1998), "Issues in Waterfront Regeneration: More Sobering Thoughts a UK Perspective", Planning Practice and Research, Vol. 13, No. 4.
- Julier, G. (2005), "Urban Designscapes and the Production of Aesthetic Consent", *Urban Studies*, 42, 5-6, pp. 689-888.
- Keating, M. (1995), "Size, Efficiency and Democracy: Consolidation, Fragmentation and Public Choice", in D. Judge, G. Stoker and H. Wolman (ed.), Theories of Urban Politics, Sage, Thousand Oaks, CA.
- Kenney, M. (2000) (ed.), Understanding Silicon Valley: The Anatomy of an Entrepreneurial Region, Stanford University Press, Stanford.
- Kenney, M. and R. Florida (2000), "Venture Capital in Silicon Valley: Fuelling New Firm Foundation", in Kenney (ed.), q.v., pp. 98-123.
- Kessler, J.A. (1999), "The North American Free Trade Agreement, Emerging Apparel Production Networks and Industrial Upgrading: the Southern California/Mexico Connection", Review of International Political Economy, 6, pp. 565-608.
- Keune, M, with J.P. Kiss and A. Toth (2004), "Innovation, Actors and Institutions: Change and Continuity in Local Development Policy in Two Hungarian Regions", International Journal of Urban and Regional Research, 28, 3, pp. 586-600.
- Kitchen, H. (2002), Issues in Municipal Spending, Revenue, Governance and Management, Canadian Tax Foundation.
- Kooiman, T. (1993), Modern Governance, Sage, London.
- Krugman, P. (1991), Geography and Trade, MIT, Cambridge, MA.

- Ladd, H.F. (1994), "Fiscal Implications of Local Population Growth: A Conceptual and Empirical Analysis", Regional Science and Urban Economics, 24, No. 6, December, pp. 661-686.
- Ladd, H.F. and J. Yinger (1991), America's Ailing Cities: Fiscal Health and the Design of Urban Policy, The Johns Hopkins University Press, Baltimore.
- Landry, C. and F. Bianchini (1995), The Creative City, Demos, London.
- Lawton Smith, H. (2003), "Maximising the Benefits from a Concentration of Universities", paper presented at SEEDS Conference, 11 July, the Barbican, London.
- Lee, R. (2003), "The New Urban Paradigm: A Radical Departure in City Management", New Frontiers, Issue 1, Centre for Development and Enterprise, Johannesburg.
- Lefevre, C. (1998), "Metropolitan Government and Governance in Western Countries: A Critical Review", International Journal of Urban and Regional Research, 22, pp. 9-25.
- Leprince, M. (n.d.), "Intercommunalité : une fiscalité maîtrisée?", University of Rennes, mimeo.
- Leslie, S.W. (2000), "The Biggest 'Angel' of Them All: The Military and the Making of Silicon Valley", in Kenney (ed.), q.v., pp. 48-67.
- Lundvall, B.A. and B. Johnson (1994), "The Learning Economy", Journal of Industrial Studies, 1, pp. 23-42.
- McCarthy, J. and S.H.A. Pollock (1997), "Urban regeneration in Glasgow and Dundee: a comparative evaluation", Land Use Policy, Vol. 14, No. 2, pp. 137-149.
- McNeill, D. and A. While (2001), "The New Urban Economies", in R. Paddison (ed.), Handbook of Urban Studies, Sage, London.
- Marshall, A. (1919), Industry and Trade: A Study of Industrial Technique and Business Organisation, Macmillan, London.
- Martin, J.P. (2000), "What Works among Active Labour Market Policies: Evidence from OECD Countries' Experiences", OECD Economic Studies, 30.
- Maskell, P. and A. Malmberg (1999), "Localised Learning and Industrial Competitiveness", Cambridge Journal of Economics, 23, pp. 167-185.
- Menger, P.M. (1993), "L'hégémonie parisienne: économie et politique de la gravitation artistique", Annales: Economies, Sociétés, Civilisations, No. 6, pp. 1565-1600.
- Miller, R. and M. Côte (1987), Growing the Next Silicon Valley: A Guide for Successful Regional Planning, Lexington Books, Lexington.
- Molotch, H. (1996), "LA as Design Product: How Art Works in a Regional Economy", in A.J. Scott and E.W. Soja (eds.), The City: Los Angeles and Urban Theory at the End of the Twentieth Century, University of California Press, Berkeley and Los Angeles, pp. 225-275.
- Mommaas, H. (2004), "Cultural Clusters and the Post-industrial City: Towards the Remapping of Urban Cultural Policy", *Urban Studies*, Vol. 41, No. 3.
- Montgomery, S.S. and M.D. Robinson (1993), "Visual Artists in New York: What's Special about Person and Place?", *Journal of Cultural Economics*, 17, pp. 17-39.
- Muro, M. and R. Puentes (2004), "Investing in a Better Future: A Review of the Fiscal and Competitive Advantages of Smarter Growth Development Patterns", Discussion Paper, Brookings Institution Center of Urban and Metropolitan Policy.

- Nadvi, K. and H. Schmitz (1994), "Industrial Clusters in Less Developed Countries: Review of Experiences and a Research Agenda", Discussion Paper No. 339, Institute of Development Studies, Brighton.
- Nativel, C. (2002), "Upgrading the Skills of the Low-Qualified: A New Local Policy Agenda An Exploratory Report", DT/LEED/DC(2002)5, Territorial Development Division, OECD.
- Newton, K. (1982), "Is Small Really So Beautiful? Is Big Really So Ugly? Size, Effectiveness and Democracy in Local Government", Political Studies, 30, pp. 190-206.
- Noteboom, B. (1999), "Innovation, Learning and Industrial Organisation", Cambridge Journal of Economics, 23, pp. 127-150.
- Novy, A., V. Redak, J. Jäger and A. Hamedinger (2001), "The End of Reed Vienna: Recent Ruptures and Continuities in Urban Governance", European Urban and Regional Studies, 8, 2, pp. 131-144.
- Nowak, J. (1997), "Neighbourhood Initiative and the Regional Economy", Economic Development Quarterly, Vol. 11, No. 1, February.
- Oates, W.E., E.P. Howrey and W.J. Baumol (1971), "The Analysis of Public Policy in Dynamic Urban Models", *Journal of Political Economy*, 79. No. 1, January/February, pp. 142-153.
- ODPM (2004), "Competitive European Cities: Where do the Core Cities Stand?", Office of the Deputy Prime Minister, Urban Research Paper 13, ODPM, London.
- OECD (2001), Cities for Citizens: The Role of Metropolitan Governance, OECD publications, Paris.
- OECD (2002), Benchmarking Industry-Science Relationships, OECD publications, Paris.
- OECD (2004a), OECD Territorial Reviews: Montreal, Canada, OECD publications, Paris, available at www.oecd.org/publications/e-book/0404011E.PDF.
- OECD (2004b), OECD Territorial Reviews: Montreal, Canada, Annex Comparative Regions: Minneapolis-St Paul, US; Stuttgart, Germany; Philadelphia, US, OECD publications, Paris, available at www.oecd.org/dataoecd/27/38/27561736.pdf.
- Pack, J.R. (1995), "Poverty and Urban Public Expenditures", Working Paper No. 197, Wharton Real Estate Center, University of Pennsylvania, October.
- Pastor, M. (2001), Widening the Winners Circle from Global Trade in Southern California, Pacific Council on International Policy, Los Angeles, CA.
- Pastor, M., P. Dreier, E. Grigsby and M. López-Garza (2000), Regions That Work: How Cities and Suburbs Can Grow Together, University of Minnesota Press, Minneapolis, Minnesota.
- Pastor, M. and D. Reed (2005), "Understanding Equitable Infrastructure for California", in Ellen Hanak and Mark Baldassare (eds.), California 2025: Taking on the Future, Public Policy Institute of California, San Francisco.
- Patel, P. (2002), "Measuring Third Stream Activities", Final Report to the Russell Group of Universities, www.clo.cam.ac.uk/final\_russell\_report.pdf.
- Peck, F. and D. McGuinness (2003), "UK Competitiveness and the Regional Agenda: Making Sense of Clusters in the North of England", Local Economy, 18/1.
- Perroux, F. (1964), L'économie du XX<sup>e</sup> siècle, Puf.
- Perroux, F. (1990), Dictionnaire économique et social, Hatier, Paris.

- Philo, C. and G. Kearns (1993), "Culture, History, Capital: A Critical Introduction To The Selling Of Places", in G. Kearns and C. Philo (eds.), Selling Places: The City as Cultural Capital. Past and Present, Pergamon Press, Oxford, pp. 1-32.
- Piore, M. and C. Sabel (1984), The Second Industrial Divide: Possibilities for Prosperity, Basic Books. New York.
- Piselli, F. (1999), "Capitale Sociale: Un Concetto Situazionale e Dinamico", Stato e Mercato, 3, pp. 395-418.
- Porter, M.E. (1990; revised 1998), The Competitive Advantage of Nations, The Free Press, New York.
- Porter, M.E. (1995), "The Competitive Advantage of the Inner-City", *Harvard Business Review*, May-June, pp. 55-71.
- Putnam, R.D., with R. Leonardi and R.Y. Nanetti (1993), Making Democracy Work: Civic Traditions in Modern Italy, Princeton University Press, Princeton, NJ.
- Rabin, M. (1993), "Incorporating Fairness into Game Theory and Economics", American Economic Review, Vol. 83, No. 5, pp. 1 281-1 302.
- Ramsey, F. (1927), "A Contribution to the Theory of Taxation", Economic Journal, 37, pp. 47-61.
- Reder, M.W. (1964), "Wage Structure and Structural Unemployment", Review of Economic Studies, 31, pp. 309-322.
- Reschovsky, A. (1980), "An Evaluation of Metropolitan Area Tax Base Sharing", National Tax Journal, 33, No. 1, March, pp. 55-66.
- Reschovsky, A. and J. Imazeki (2003), "Let No Child Be Left Behind: Determining the Cost of Improving Student Performance", *Public Finance Review*, 31, May, pp. 263-290.
- Rietdorf, W. (2004), "Disparitäten zwischen schrumpfenden und wachsenden Städten in Ost- und West Deutschland", in U. Mathiessen (ed.), Stadtregion und Wissen: Analysen und Plädoyers für eine wissensbasierte Stadtpolitik, pp. 193-222.
- Robson, B., M. Parkinson, M. Boddy and D. Maclennan (2000), The State of English Cities, Department of the Environment, Transport and the Regions, DETR, London.
- Rodríguez-Pose, A. (1998), Dynamics of Regional Growth in Europe: Social and Political Factors, Oxford University Press, Oxford.
- Rodríguez-Pose, A. (1999), "Convergence or Divergence? Types of Regional Responses to Socio-Economic Change in Western Europe", Tijdschrift voor Economische en Sociale Geografie, 90/4, pp. 363-378.
- Rodrik, D. (1997), Has Globalisation Gone Too Far?, Institute for International Economics, Washington, DC.
- Rodrik, D. (1994), "King Kong Meets Godzilla: The World Bank and The East Asian Miracle", in Albert Fishlow et al., Miracle or Design? Lessons from the East Asian Experience, ODC Policy Essay No. 11, Overseas Development Council, Washington, DC.
- Rosenau, J.N. (1992), "Governance, Order and Change in World Politics", in N.D. Rosenau and E.O. Czempiel (eds.), Governance without Government, Cambridge University Press, Cambridge.
- Rosenfeld, S.A. (1998), "Technical Colleges, Technology Deployment and Regional Development", paper presented at OECD conference on "Building Competitive

- Regional Economies: Up-grading Knowledge and Diffusing Technology to Local Firms", 28-29 May, Modena, Italy, unpublished.
- Rosenfeld, S.A. (1992), Competitive Manufacturing: New Strategies for Regional Development, Centre for Urban Policy Research, Rutgers University, New Brunswick.
- Russo, M. (1985), "Technical Change and the Industrial District: The Role of Interfirm Relations in the Growth and Transformation of Ceramic Tile Production in Italy", Research Policy, 14, pp. 329-343.
- Sabel, C. (1988), "Flexible Specialisation and the Re-emergence of Regional Economies", in P. Hirst and J. Zeitlin (eds.), Reversing Industrial Decline, Berg, Oxford, pp. 17-70.
- Sabel, C., G. Herrigel, R. Deeg and R. Kazis (1989), "Regional Prosperities Compared: Massachusetts and Baden-Württemberg in the 1980s", Economy and Society, 18, 4, pp. 374-404.
- Santagata, W. (2002), "Cultural Districts, Property Rights and Sustainable Economic Growth", International Journal of Urban and Regional Research, 26, pp. 9-23.
- Sassen, S. (2001), The Global City: New York, London, Tokyo, new updated edition, Princeton University Press.
- Savitch, H.V., D. Collins, D. Sanders and J. Markham (1993), "Ties That Bind: Central Cities, Suburbs, and the New Metropolitan Region", Economic Development Quarterly, Vol. 7, No. 4, November.
- Saxenian, A. (1994), The Regional Advantage, Culture and Competition in Silicon Valley and Route 128, Harvard University Press, Cambridge, MA.
- Scott, A.J. (1993), Technopolis: High-Technology Industry and Regional Development in Southern California, University of California Press, Berkeley.
- Scott, A.J. (1996), "The Craft, Fashion, and Cultural Products Industries of Los Angeles: Competitive Dynamics and Policy Dilemmas in a Multi-Sectoral Image-Producing Complex", Annals of the Association of American Geographers, 86, pp. 306-323.
- Scott, A.J. (1998a), "Multimedia and Digital Visual Effects: An Emerging Local Labour Market", Monthly Labour Review, 121, pp. 30-38.
- Scott, A.J. (1998b), Regions and the World Economy: The Coming Shape of Global Production, Competition, and Political Order, Oxford University Press, Oxford, New York.
- Scott, A.J. (2002), Regional Push: The Geography of Development and Growth in Lowand Middle-Income Countries, Third World Quarterly, 23, pp. 137-161.
- Scott, A.J. (2005a), "Entrepreneurship, Innovation and Industrial Development: Geography and the Creative Field Revisited", Small Business Economics.
- Scott, A.J. (2005b), On Hollywood: The Place, the Industry, Princeton University Press, Princeton.
- Scott, W. R. (2001), Institutions and Organisations, 2nd edition, Sage, Thousand Oaks. CA.
- Seaton, A. V. (1996), "Hay on Wye, the Mouse that Roared: Book Towns and Rural Tourism", Tourism Management, 17, pp. 379-382.
- Simmie, J. (ed.) (2001), Innovative Cities, E & F Spon, London.
- Simmie, J., J. Sennett, P. Wood and D. Hart (2002), "Innovation in Europe: A Tale of Networks, Knowledge and Trade in Five Cities", Regional Studies, 36, 1, 47-64.

- Singelmann, J. (1978), From Agriculture to Services: The Transformation of Industrial Employment, Sage, Beverly Hills, CA.
- Soja, E.W. and A.J. Scott (1986), "Los Angeles: Capital of the Late Twentieth Century", Environment and Planning D: Society and Space, 4, pp. 249-254.
- Storper, M. (1997), The Regional World: Territorial Development in a Global Economy, Guilford Press, New York.
- Storper, M. and A.J. Scott (1995), "The Wealth of Regions: Market Forces and Policy Imperatives in Local and Global Context", Futures, 27, pp. 505-526.
- Sturgeon, T.J. (2000), "How Silicon Valley Came to Be", in Kenney (ed.), q.v., pp. 15-47.
- Suchman, M. C. (2000), "Dealmakers and Counselors: Law Firms as Intermediaries in the Development of Silicon Valley", in Kenney (ed.), q.v., pp. 71-97.
- Summers, A.A. and L. Jakubowski (1996), "The Fiscal Burden of Unreimbursed Poverty Expenditures in the City of Philadelphia: 1985-1995", Working Paper No. 238, Wharton Real Estate Center, University of Pennsylvania, August.
- Sunley, P., R. Martin and C. Nativel (2001), "Mapping the New Deal: Local Disparities in the Performance of Welfare-to-Work", Transactions of the Institute of British Geographers, 26, pp. 484-512.
- Swanstrom, T., (2001), "What We Argue About When We Argue About Regionalism", *Journal of Urban Affairs*, 23, 5, pp. 479-496.
- Thaler, R. H. (1988), "Anomalies: The Ulimatum Game", Journal of Economic Perspectives, Vol. 2, No. 4, pp. 195-206.
- Thorbecke, E. and C. Charumilind (2002), "Economic Inequality and Its Socioeconomic Impact", World Development, Vol. 30, No. 9, pp. 1 477-1 495.
- Thurow, L.C. (1972), "Education and Economic Equality", The Public Interest, 35, pp. 66-81.
- Travers, T. (2004), The Politics of London Governing an Ungovernable City, Palgrave Macmillan, Basingstoke.
- Trigilia, C. (1999), "Capitale sociale e sviluppo locale", Stato e Mercato, 3, pp. 419-440.
- Trigilia, C. (2004), "The Governance of High-Tech Districts", in Crouch et al., q.v., pp. 321-330.
- Turok, I. (1992), "Property-led urban regeneration: panacea or placebo?", Environment and Planning A, Vol. 24, London.
- Turok, I. and N. Bailey (2004), "Twin Track Cities: Competitiveness and Cohesion in Glasgow and Edinburgh", *Progress in Planning*, Vol. 62, 3, pp. 135-204.
- Turok, I. et al. (2005), Social Cohesion: Patterns Trends and Processes, State of the Cities Report, Office of the Deputy Prime Minister, London.
- Union Européenne (1997), La Question Urbaine: Orientations Pour un Débat.
- Union Européenne (1999a), Schéma de Développement de l'Espace Communautaire, Postdam, p. 94.
- Union Européenne (1999b), "Cadre d'Action Pour un Développement Urbain Durable Dans l'Union Européenne", Communication de la Commission.
- Union Européenne (2001), Rapport 2001 sur la Compétitivité Européenne.
- Universities UK (2002), "The University Culture of Enterprise Knowledge Transfer across the Nation", Universities UK, London.

- Ursell, G. (2000), Television Production: Issues of Exploitation, Commodification and Subjectivity in UK Television Markets, *Media*, *Culture and Society*, 22, pp. 805-825.
- USHUD (US Department of Housing and Urban Development) (1999), New Markets: The Untapped Retail Buying Power in America's Inner Cities, USHUD, Washington, DC.
- Van Waarden, F. (2002), "Market Institutions as Communicating Vessels: Changes between Economic Coordination Principles as a Consequence of Deregulation Policies", in Hollingsworth, Müller, and Hollingsworth (eds.), q.v., pp. 171-212.
- Van Winden, W. (2003), "Essays on Urban ICT Policies", PhD thesis, Tinbergen Institute, Erasmus University Rotterdam, World Bank Group (2002), "Constructing Knowledge Societies: New Challenges for Tertiary Education", www1.worldbank.org/education/tertiary/cks.asp.
- Van Winden, W., A. Van der Meer and L. Van den Berg (2004), "The Development of ICT Clusters in European Cities: Towards a Typology", International Journal of Technology Management, Vol. 3/4/5/6, pp. 356-387.
- Veltz, P. (1992), Competitiveness Policy Council, Washington.
- Veltz, P. (1996), Mondialisation, Villes et Territoires : l'Économie d'Archipel, Presses Universitaires de France, Paris.
- Voith, R. (1998), "Do Suburbs Need Cities?", Journal of Regional Science, Vol. 38, No. 3. pp. 445-465.
- Ward, S.V. (2002), Planning the Twentieth-Century City The Advanced Capitalist World, John Wiley and Sons, New Jersey.
- Warf, B. (1995), "Telecommunications and the Changing Geography of Knowledge Transmission in the Late 20th Century", *Urban Studies*, Vol. 32, 2, pp. 361-378.
- Weissbourd, R. and R. Bodini (2005), Market-Based Community Economic Development, Brookings Institution, Washington, DC.
- White, J. (2004), "Building a Technology Network or How to Link University Based Research with Business", presentation at the Global Connect Annual Forum, 13 December 2004, LTN, London.
- Wilkinson, R. (2000), Mind the Gap: Hierarchies, Health and Human Evolution, Weidenfeld and Nicolson, London.
- Wilson, W.J. (1987), The Truly Disadvantaged: The Inner City, the Underclass and Public Policy, University of Chicago Press, Chicago.
- Wilson, W.J. (1997), When Work Disappears: The World of the New Urban Poor, Knopf, New York
- World Bank (2005), "Governance Matters IV: Governance Indicators for 1996-2004", report, Daniel Kaufmann, Aart Kraay and Massimo Mastruzzi, Washington, p. 61.
- World Commission on Environment and Development (1987), "Our common future", Brundtland Report, Oxford University Press.
- Young, S. and R. Brown (2002), "Globalisation and the Knowledge Economy", in N. Hood, J. Peat, E. Peters and S. Young (eds.), Scotland in a Global Economy: The 20:20 Vision, Palgrave Macmillan, Basingstoke.

## Table of Contents

# Part I Competitive Cities in the Global Economy: Horizontal Synthesis Report

Executive Summary	13
Chapter 1. The Emerging Role of Metropolitan Regions	29
1.1. Introduction	30
1.2. Defining metropolitan areas	31
1.3. Urbanisation trends	36
1.4. Performance of OECD metropolitan regions	46
1.5. City size and income	50
1.6. Factors of competitiveness	55
1.6.1. Productivity is key	56
1.6.2. Labour market also does contribute	63
1.7. Cities as engines of national economic growth?	63
1.8. The urban paradox	76
1.9. The dilemmas for metropolitan regions	79
Notes	82
Chapter 2. Competitiveness, Liveability and Strategic Vision	85
2.1. Introduction	86
2.2. Dilemma I: positive or negative spillovers?	87
2.2.1. The benefits of metro-regions	87
2.2.2. Negative externalities of metro-regions	91
2.2.3. Metro areas versus national growth?	93
2.2.4. Summary: dilemma I	99
2.3. Dilemma II: public strategic vision in a market context?	101
,	101
2.3.2. Cluster development policies	104
8 8	128
······································	134
	136
· · · · · · · · · · · · · · · · · · ·	137
	144
2.4.3. Summary: dilemma III	151
<del>-</del>	131

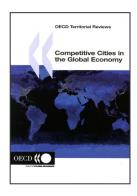
Chapter 3. The Governance of Metro-regions	155
3.1. Introduction	156
3.2. Dilemma IV: Appropriate scale or closeness to citizens?	157
3.2.1. Challenges and rationale for horizontal collaboration	158
3.2.2. Main trends in horizontal co-operation	
within metropolitan regions	161
3.2.3. Tentative evaluation: pros and cons of the different	
models	190
3.2.4. Summary: dilemma IV	200
3.3. Dilemma V: Metro-regions <i>versus</i> central/state government?	201
3.3.1. Role of higher level of governments in metropolitan	201
governance	201
3.3.2. New tools for vertical collaboration	205
3.3.3. Summary: dilemma V	211
3.4. Dilemma VI: Participation of private sector actors in public	
governance?	212
3.4.1. The state of the art	212
3.4.2. Summary: dilemma VI	215
3.5. Dilemma VII: Unequal burdens or distorting subsidies?	215
3.5.1. Functions and responsibilities of cities and metropolitan	
authorities	216
3.5.2. Fiscal autonomy	225
3.5.3. Financing services and infrastructure: public-private	
partnerships	226
3.5.4. Dealing with intra-metropolitan fiscal inequalities	227
3.5.5. Impact of national equalisation schemes	229
3.5.6. Summary: dilemma VII	233
Notes	234
Bibliography	235
Appendix 1. Definition of Metropolitan Areas in some OECD Countries	245
Appendix 2. OECD Methodology for Identification of Metropolitan Regions	250
Appendix 3. Regressions and Correlations in Chapter 1	272
Appendix 4. Identifying the Determinants of Regional Performances	279
Part II	
Proceedings from Conferences and Workshops on City Competitivener	SS
Introduction	283
Mainsprings of the Creative City: Lessons for Policy-makers Allen J. Scott.	289
Globalisation and Urban Competitiveness: Challenges for Different	
Types of Urban Regions Willem Van Winden	303

Specialisa	ation and Networking in Medium-sized Cities Colin Crouch	317
_	ct of Tertiary Education on Urban Development con Smith	329
	Enhance City Attractiveness: Achievements Challenges Eiji Torisu	339
	iveness Ivan Turok	353
Labour Ma	arket Integration Policies to Enhance Social Cohesion Ian Gordon	367
Can Distre	essed Urban Areas Become Growth Poles? Claude Jacquier	381
	and Competitiveness: Business Leadership for Regional nd Social Equity Manuel Pastor	393
Governan	ce for Metropolitan Sustainability Tony Travers	407
	lic Finance: Issues for Metropolitan Regions nernick and Andrew Reschovsky	415
Bibliograp	phy	433
Boxes		
	e concept of polycentric metropolitan areas	32
	CD metropolitan regions: data and definitionin advantages of capital cities	34 54
	nat is city competitiveness?	55
	owth versus equity in successful metro areas: the examples	
of I	Helsinki and Stockholm	95
	onitoring the growth of capital regions in OECD countries	98
	amples of different metropolitan cluster approaches	110
2.5. Me	thodology for identifying clusters in Seoul and Melbourne tadistricts to strengthen the SME growth in Milan	113
	d the Lombardy region	117
	amples of industrial liaison programmes in OECD countries	120
	-operation among higher education institutions in Öresund d Melbourne	121
2.8. Ma	king higher education institutions more attractive	121
	international students and researchers: the example Australia and Finland	123
	well-functioning triple helix model: the example	123
	the Helsinki Culminatum Ltd	126
	mpetitiveness councils	129
	grading clothing and textile industry in Seoul	131
_	vironmental concerns in some metropolitan areas	138

2.13.	Urban regeneration based on cultural assets: the cases of Athens	
	and Istanbul	142
2.14.	Strategies for territorial branding: the example of Busan	143
2.15.	Fighting urban poverty and distressed neighbourhoods	
	in Mexico and France	147
2.16.	Policies for integrating immigrants into the labour market	
	in Stockholm	150
3.1.	Metropolitan governmental authorities: the Stuttgart Regional	
	Association, the Greater London Authority and Metro Portland	167
3.2.	Examples of multi-purpose inter-municipal bodies in Canada	
	(Montreal and Vancouver) and in France	171
3.3.	Association of the Lyon Urban Region (LUR)	174
3.4.	Soft governance in polycentric metro areas: Regio Randstad	
	and Rhine-Ruhr	176
3.5.	The Toronto Economic Development Strategy	178
3.6.	Cross-border regions: governance by mono-thematic	
	commissions	187
3.7.	Cross-border regions: governance by babushka	188
3.8.	Cross-border regions: governance by a catch-all institution	189
3.9.	Involving civil society in metropolitan governance	198
3.10.	City-regions in United Kingdom	204
3.11.	Contractual arrangement in urban areas in France, Sweden	
	and Western Canada	207
3.12.	Contractual tools used at the metropolitan level in France	
	and Switzerland	209
3.13.	Involving small firms in policy making	214
3.14.	Pros and cons of local taxes for metropolitan areas	222
3.15.	Metropolitan fiscal equalisation in Tokyo, Seoul and Istanbul	228
3.16.	Tax base sharing in Pittsburgh and in Minneapolis-Saint-Paul	230
Tables	5	
1.1.	Metropolitan database	38
2.1.	Wage levels of US metropolitan traded clusters (2002)	105
2.2.	Examples of industry cluster policies in metropolitan regions	108
3.1.	Institutional fragmentation and governance challenges	
	in some OECD metropolitan regions	159
3.2.	Case of metropolitan regions represented by a local/regional	
	government	162
3.3.	Examples of cross-border regions	184
3.4.	Main purposes of a selection of metropolitan co-operative	
	arrangements	194
A.2.1.	Definition of metro-regions according to the OECD	255

	Sources and years of reference for population	266
A.2.3.	Sources and years of reference for GDP	267
A.2.4.	Sources and years of reference for labour force	268
A.2.5.	Sources and years of reference for employment	269
A.2.6.	Sources and years of reference for old-age dependency ratio	270
A.3.1.	Correlation between income and population	272
A.3.2.	Correlation between income and population in mega cities	272
A.3.3.	Correlation of growth rates at the metro and national levels $\ldots$	273
A.3.4.	Results for regressions using intercept and control variables	275
B.1.	Taxonomy of kinds of relationships between tertiary education	
	and business	330
B.2.	Simple model of the determinants of per capita income growth	
	in US metropolitan areas, 1990-2000	399
	Some signals and strategies for competitiveness and cohesion	404
B.4.	Summary of elected government arrangements in five major	
	world cities	412
B.5.	Differences in tax assignment in OECD countries	417
Figure	28	
1.1.	OECD regional typology (Europe)	35
	OECD regional typology (North America)	36
	OECD regional typology (Asia and Oceania)	37
	Worldwide population projections (1950-2030)	41
	Population growth according to the types of regions (1990-2000)	42
	Urbanisation growth in OECD countries	43
1.7.	Distribution of the total population among types of regions	
	(1990 and 2000)	44
	Ranking of metro-regions by population size	45
	Ranking of OECD metro-regions by income	47
1.10.	Average annual growth rate among OECD metropolitan areas	
	(1995-2002)	48
	Productivity differentials across OECD metro-regions (2002)	49
1.12.	Correlation between population size and income	
	in OECD metro-regions	50
1.13.	Correlation between population size and income	
	in metro-regions with fewer than 10 million inhabitants	51
1.14.	Relations between population and income in metro-regions	
	of over 6 million people	52
	Capital cities and income	52
1.16.	Main explanations of GDP differentials	
	between OECD metro-regions (2002)	57
1.17.	Cluster composition in the Stockholm Region (NUTS 2)	58

1.18.	Share of population of 15 years and more	
	with tertiary education	62
1.19.	Differences in per capita GDP of metro-regions	
	and their national level (2002)	64
1.20.	Relation between national and metropolitan growth rates	65
	Economic growth at the national and metro-regions levels	66
	Productivity differences between the metro-regions	
	and their national level (2002)	67
1.23.	Productivity growth differentials between metro-regions	
	and their national level	68
1.24.	Employment differences between the metro-regions	
	and their national level (2002)	70
1.25.	Employment growth rates in metro-regions and their countries	71
1.26.	Employment growth by type of regions (1996-2001)	72
1.27.	Old-age dependency in metro-regions with respect	
	to the national dependency level (2004)	73
1.28.	Changes in old-age dependency 1998-2004	74
1.29.	Skills in metro-regions and their national average (2001)	75
1.30.	Differences in unemployment rates between metro-regions	
	and their countries (2004)	77
1.31.	Crime against property by type of region (2001)	78
1.32.	Crime against persons by type of region (2001)	79
2.1.	Finnish (Helsinki Region) Centre of Expertise Programme	125
3.1.	Geographical position of selected cross-border regions	184
3.2.	Systems of metropolitan governance across borders	185
3.3.	Assignment of responsibilities in cities: the case of Toronto	216
3.4.	Assignment of responsibilities in cities: the case of Tokyo	217
3.5.	Assignment of responsibilities in cities: the case of Stockholm	217
3.6.	Expenditures per capita in selected areas in OECD cities	219
3.7.	Revenue sources of various cities in OECD metropolitan areas	220
3.8.	Composition of tax revenue sources of various metropolitan areas	
	in OECD countries	221
A.2.1.	Methodology for selecting OECD metro-regions	252
A.3.1.	Relationship between population size and income	277
B.1.	Employment growth 1995-2002	304
B.2.	GVA growth 1995-2002	305
В.З.	Population growth 1995-2002	305
B.4.	GVA growth 1995-2001	306
B.5.	Determinants of urban competitiveness	307
B.6.	Absolute and relative GDP per capita at PPP, 2000	309
B.7.	A hierarchy of social cohesion	357
B.8.	Implementing integrated urban renewal programmes	
	and projects	329



#### From:

## **Competitive Cities in the Global Economy**

#### Access the complete publication at:

https://doi.org/10.1787/9789264027091-en

## Please cite this chapter as:

Gordon, Ian (2007), "Labour Market Integration Policies to Enhance Social Cohesion", in OECD, *Competitive Cities in the Global Economy*, OECD Publishing, Paris.

DOI: https://doi.org/10.1787/9789264027091-14-en

This work is published under the responsibility of the Secretary-General of the OECD. The opinions expressed and arguments employed herein do not necessarily reflect the official views of OECD member countries.

This document and any map included herein are without prejudice to the status of or sovereignty over any territory, to the delimitation of international frontiers and boundaries and to the name of any territory, city or area.

You can copy, download or print OECD content for your own use, and you can include excerpts from OECD publications, databases and multimedia products in your own documents, presentations, blogs, websites and teaching materials, provided that suitable acknowledgment of OECD as source and copyright owner is given. All requests for public or commercial use and translation rights should be submitted to rights@oecd.org. Requests for permission to photocopy portions of this material for public or commercial use shall be addressed directly to the Copyright Clearance Center (CCC) at info@copyright.com or the Centre français d'exploitation du droit de copie (CFC) at contact@cfcopies.com.

