

Creativity

London's Core Business



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GLA Economics

The Mayor of London established GLA Economics in May 2002 to provide a firm statistical, factual and forecasting basis for policy decision-making by the GLA and its functional bodies.

Everyone knows that London is one of the world's three major financial centres. But not everyone has realised that it is also one of the world's great places for the Creative Industries.

This report shows that the Creative Industries have become a driving force for London's economy, growing faster than any other in the last five years. And this in turn reflects the way markets are changing.

We are becoming more individual and more discerning. This process requires greater and greater creative content in the goods and services that we buy. Both markets and firms become more diverse and more focused on particular niches. London is uniquely placed to

take advantage of these opportunities.

The cultural diversity within London, the ability to use both English and a wide variety of other languages, and to interact with other cultures across the globe mean that Londoners can work creatively on a global scale. This success is reflected in the statistics on trade and the positive balances that have developed.

We need to ensure that the conditions that have fostered the initial surge in the growth of the Creative Industries are maintained and developed. It is likely that the Creative Industries will continue to be a major driver of the world economy over the coming years. If the previous decades have

been the years of the management consultants, the next decades may be the years of the designers, publishers, artists and a variety of other skills.

This report makes a valuable contribution to making sure that we are all aware of how important these industries are and the conditions in which they can survive and thrive. I intend to use this report to inform my policies on the creative sector. I am sure that this report will prove invaluable to the forthcoming Creative Industries Sector Commission.



Ken Livingstone
Mayor of London

London has always been a creative city, based on innovation and ideas. It has been at the forefront of new technologies and new markets. Over the past few decades, it has been the turn of business service industries – accountants, lawyers and consultants – to drive forward the economy. But alongside this a more subtle process has been underway which is now beginning to take centre stage.

Since the Second World War a mass consumer market has developed for a wide range of diverse and highly differentiated products. At the same time the creative input required has expanded and diversified in its turn. As a result we have seen the dramatic growth of those industries directly associated with the creative process – from architecture and advertising to the performing arts and publishing. As we have become richer and more selective – and gained more leisure time – so has our demand for the products of these industries increased.

London is playing a vital role in the success of this diversification. Creative Industries require interaction, inspiration and face-to-face stimulation. London provides all these and as a result, the Creative Industries now represent one of the biggest sectors in the capital, with more output and employment than any sector except business services. Moreover, over the five years from 1995 to 2000 it grew faster in terms of output than any other sector in the London economy. In this report Section 1

gives more detail of what has happened, while Section 2 looks at how London interacts with the rest of the UK. Section 3 explores the way in which this market has grown and how a global market for creativity has developed in which London is a key player.

By raising productivity, the Creative Industries sector has remained successful, growing output even faster than it has increased employment. Its component industries have made a virtue of their high cost location, which gives them inspiration by raising their game.

Of course, the Creative Industries are highly diverse. The needs of the software industry are unlike those of the fashion industry and their supply chains naturally differ. Section 4 examines the different supply side structures and uses some case studies to look at how individual industries have responded – with varying degrees of success – to the demand and supply conditions they face.

So far, the Creative Industries have been fairly heavily clustered in Central London and along a Western Corridor out towards Heathrow. However, recent years have seen various individual industries spreading out, with Hoxton becoming a centre for artists, and publishing expanding in Islington and Tower Hamlets. Section 5 looks at the spatial distribution of these industries within London.

Creativity exists in many places and is expressed in many ways. This report concentrates on the

creativity that provides the products and services that we can all enjoy. It looks not only at Creative Industries such as advertising or music, but also at creative skills within other sectors, for example people who are designers or writers employed by firms outside the sector itself. Design in particular is becoming an integral part of many industries and, as consumers become more demanding, this is likely to increase.

As a final point, it is important to note that the data used in this report largely covers the period from 1995 to 2000. The current economic downturn has affected the Creative Industries in the same way as it has had an impact on the full range of industrial sectors. Some industries have been more affected than others – the advertising industry for example will always take a hard knock during a time of economic downturn, as advertising budgets are often the first to be trimmed. We believe however, that the underlying drivers of change outlined in this report remain unchanged. Whilst some companies within the Creative Industries will see reductions in profits, show losses and in the worst cases suffer closures, the potential for sustained employment and output growth remains, particularly once growth in the economy picks up again, as inevitably it will do.

London is a vital centre for a broad range of creative activities, not just in the UK, but also in the world. The real challenge for the future is to ensure that it keeps this lead.

The first attempt to measure the economic contribution of the Creative Industries in the UK was made by the Department of Culture, Media and Sport (DCMS) in their first 'Creative Industries Mapping Document' in 1998. This exercise was repeated and a second mapping document produced in 2001.

The DCMS defines Creative Industries as 'those industries which have their origin in individual creativity, skill and talent and which have a potential for wealth and job creation through the generation and exploitation of intellectual property'. This report expands on this definition by taking the decisive linking factor in Creative Industries to be intellectual and creative input, producing goods and services that are distinguished by brand, identity and difference.

Thirteen individual industries have been defined by the DCMS as covering the Creative Industries: advertising; architecture; the art and antiques market; crafts; design; designer fashion; film and video; interactive leisure software; music; the performing arts; publishing; software and computer services; and television and radio.

Detailed study of the Creative Industries is still in its infancy and measuring the size and growth of the Creative Industries using official statistical sources is problematic. On the whole, these industries do not correspond neatly to the employment categories provided by the Office of National Statistics (ONS) in the Standard

Industrial Classification (SIC). The DCMS has therefore had to be pragmatic in mapping a set of best-fitting SIC codes to a refined list of Creative Industries. There are eleven of these: advertising; architecture; the art and antiques market; computer games, software and electronic publishing; crafts; design; designer fashion; music and the visual and performing arts; publishing; radio and TV; and video, film and photography. In addition they have mapped a set of best-fitting Standard Occupational Classification (SOC) codes to the same list of eleven industries.

In this report we have followed the DCMS lead in combining data stating numbers of jobs in companies in the Creative Industries, using SIC definitions, with numbers of creative jobs in companies outside the Creative Industries, using SOC definitions (Box 1.2). However, we must state very clearly that all job numbers given for industries are broad-brush estimates. The official classification systems as they stand simply do not allow for precision in defining the creative industries. To provide one set of examples, there is an absence of suitable matches between SIC codes and the craft and design categories, whilst no suitable matches amongst the SOC codes are found with the advertising and art/antiques trade categories.

Implicit in DCMS estimates of employment in the Creative Industries in the UK are some assumptions based on an understanding of the industries at a UK level. Analysing UK estimates, GLA Economics felt

that London required a slightly different set of assumptions to avoid underestimating the extent of creative employment in London. As a consequence the GLA Economics estimates show significantly larger numbers than DCMS for employment in the fashion industry (Box 2.1), architecture, and the computer games, software and electronic publishing industry. The radio and TV, advertising, and art and antiques industries remain entirely unchanged.

For reference, the data used in this report are contained in a Technical Appendix at the back.

- The Creative Industries add £21 billion annually to London's output, more than all the production industries combined and second only to Business Services at £32 billion.
- The Creative Industries as a whole represent London's third largest sector of employment, with 525,000 people working either directly in the Creative Industries or in creative occupations in other industries.
- The Creative Industries are London's second biggest source of job growth, contributing roughly one in every five new jobs.
- London's Creative Industries are at the centre of a productivity revolution, expanding both jobs and wealth, with employment up by five per cent per year, output by 8.5 per cent and productivity by four per cent between 1995 and 2000.

London's Creative Industries have seen a powerful surge of output growth...

In the second half of the last decade London's Creative Industries were the focus of a powerful surge of growth in output, as a result of which they are now London's second largest source of wealth after Business Services.

The scale of this expansion is exemplified by the absolute growth in output to which it has given rise. In 1995, London's Creative Industries added £12 billion to London's GDP. By 2000, at the peak of the last decade's expansion, this had nearly doubled to £21 billion. The rate of growth in output of the Creative Industries as a whole in real terms outperformed all other

sectors, achieving an annual rate of 8.5 per cent.

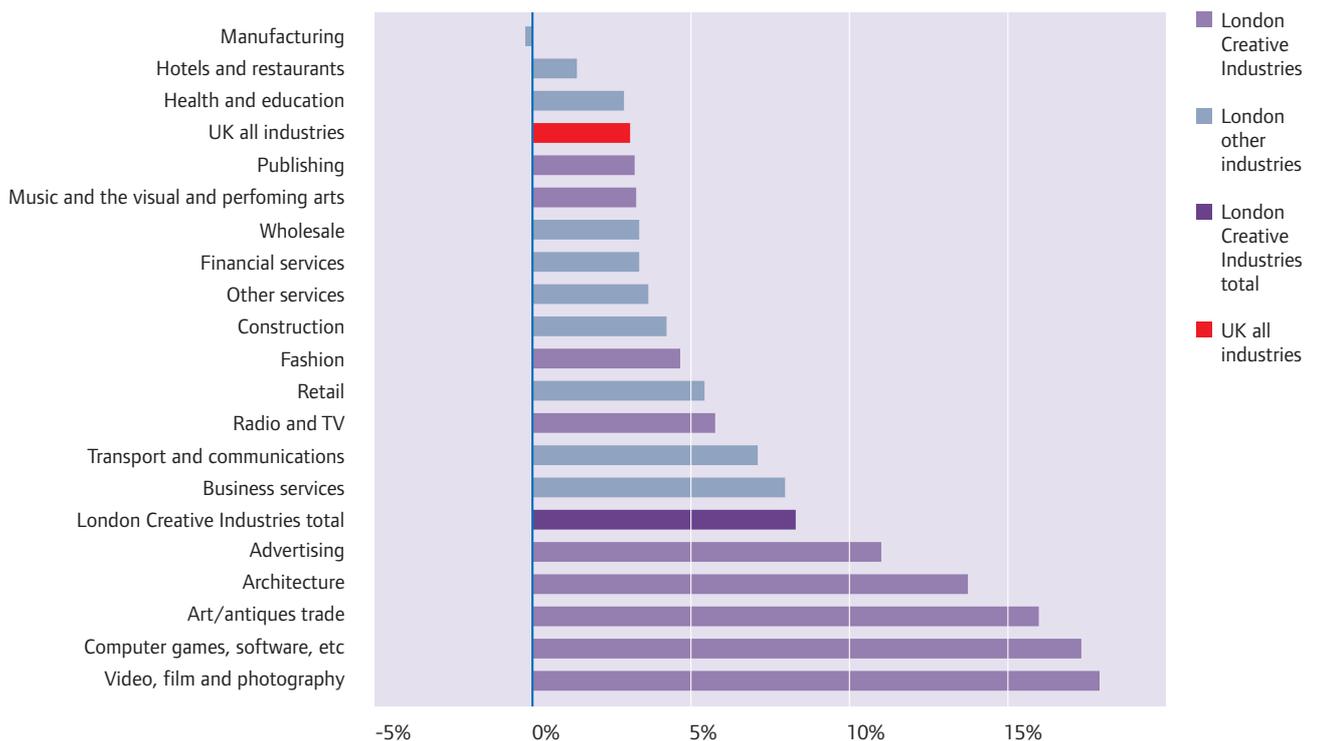
... with some of the fastest growth rates around

Although the sector as a whole has grown rapidly, there are some significant variations in growth rates between individual Creative Industries. Publishing, fashion, music and the visual and performing arts, and radio and TV experienced lower growth rates in output than London's Creative Industries average, yet all of them exceeded the UK all-industry average. For the remainder of the Creative Industries, performance was outstanding. Five Creative Industries grew faster than Business Services as a whole, recording average annual growth rates ranging from 11 to 18 per cent (Chart 1.1).

This is part of a fundamental transformation of London's economy...

The growth of the Creative Industries is at the cutting edge of a fundamental transformation in London's economy that has been happening for the last three decades. Planning for London's Growth showed how Business Services have become the dominant sector within the city over this period, but alongside this a second process has been going on, which is now poised to take centre stage. The growth of the Creative Industries is the outcome of this second process, creating a major new source of economic expansion for the capital.

Chart 1.1 London's annual output growth 1995–2000



... with rapid growth in consumer demand for a diverse range of products...

As incomes rise we demand more goods and services. As we become richer still we want the goods and services we buy to be individual, different from other people's. This qualitatively new and rapidly growing world and domestic market for consumer services and goods has created the demand conditions for the explosive growth of a new sector geared to catering for diversity.

The demand is for products customised to specific consumer tastes and for short production runs with changing content. This trend affects books, films, video, music, the performance arts, fashion, computer games, art, crafts and, as a common factor

in all these activities, innovation and design.

... characterised by their intellectual and creative input

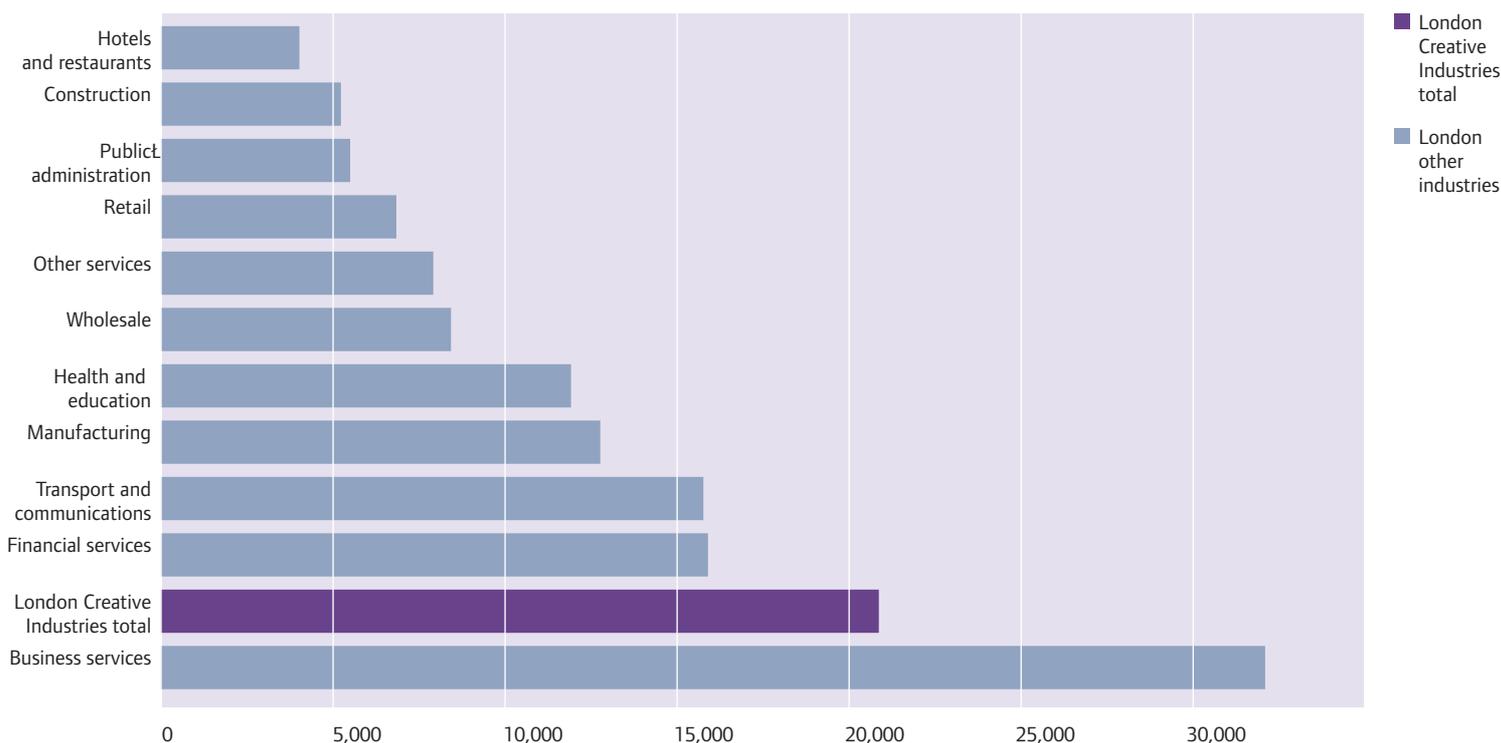
Making and selling these products efficiently calls above all for intellectual and creative input, organised to translate highly specific, very varied, and time-constrained consumer demand into products that meet this demand precisely and that are delivered on time. London's diverse and highly educated population, located around the heart of a great global business and service centre, has made it the UK's premier provider of this essential requirement.

Box 1.1 Creative Industries and standard sectors – the overlap

The boxes in this section explain how GLA Economics arrived at its estimates of creative employment.

As discussed in the introduction, the Creative Industries do not conform neatly to the Standard Industry Classification used for statistical purposes. The Creative Industries are therefore defined using components that figure in other standard broad sectors as reported by the ONS. For example, much of the software industry is also accounted for within Business Services, and much of the fashion industry comes under manufacturing. The charts in this section should not therefore be interpreted as listing a set of separate sectors that add up to London's total output.

Chart 1.2 London's output 2000



The Creative Industries are now key to London's wealth production...

The Creative Industries are now an essential component of London's wealth-producing capacity. This can be seen most clearly by comparing them as a group with other broad sectors defined by the Standard Industrial Classification (SIC), the normal way industries are grouped into broadly related activities (Chart 1.2).

By 2000, the last year for which data on output are available, the Creative Industries were creating more wealth for London, and hence for the UK, than any other major industrial sector except Business Services. Their importance for London is based, therefore, not just on their high growth rates, but also

on the absolute size of their contribution to London's output.

... and together have some coherence as a sector

There is very strong evidence that the Creative Industries, despite their diversity, function in very similar ways: they are clearly demarcated by their high growth rates of both output and employment; they have a strong tendency to cluster in London and the South East; and, as this report establishes, the market into which they sell has defining characteristics that call for specific types of human input – creative and intellectual. Together they form a coherent sector.

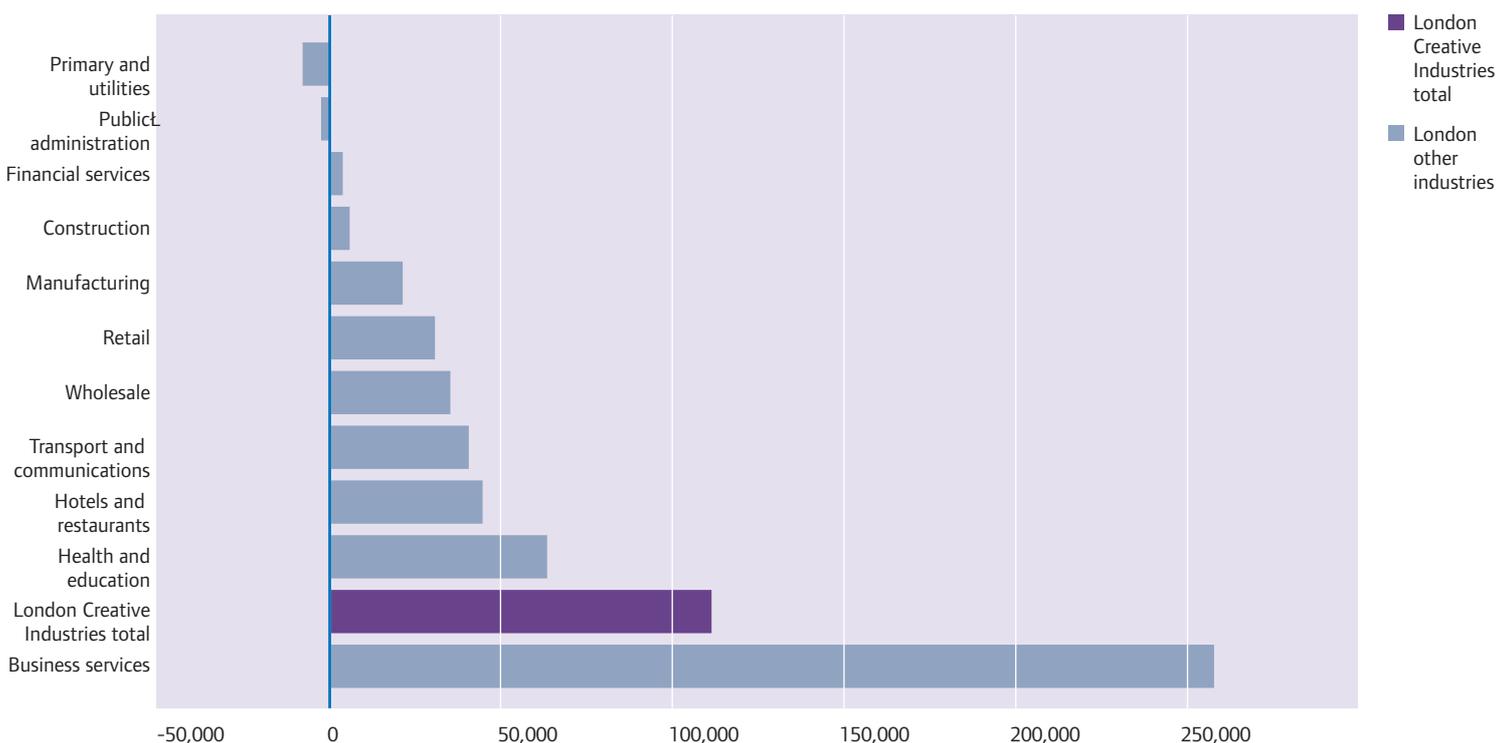
They are also generating significant growth in jobs...

The number of jobs in London's Creative Industries, which

includes employment in creative-related industries, such as clothing manufacture, and people working in creative occupations outside the Creative Industries, rose from 414,000 to 525,000 between 1995 and 2000. This increase of 111,000 makes the Creative Industries the second biggest source of job growth over the 1995–2000 period, contributing roughly one in every five new jobs (Chart 1.3).

At five per cent, the annual rate of employment growth achieved by the Creative Industries together was nearly double London's very healthy overall rate of 2.7 per cent. Eight of the individual Creative Industries expanded at a faster rate than the average for total London employment (Chart 1.4).

Chart 1.3 London's job growth 1995–2000



Box 1.2 Who works creatively?

The Creative Industries sector (see 'Defining Creative Industries' following the Introduction) includes two types of people: those who work in a creative industry, for example a music company, and those who work in a creative occupation, for example a musician. Many are creatively occupied outside a creative industry – a piano teacher works in a school, as a musician. And many performers hold two jobs, working creatively as a second occupation – like a musician with a day job who does gigs at nights or weekends.

One of the processes at work in this sector, which shows it is an industry in formation, is that new enterprises are bringing together individuals who used

to work separately or in another industry – for example design companies, or software companies, which hardly existed twenty years ago. The sector depends on the whole range of these individuals and is increasingly the reason their jobs exist. Following the DCMS, this report therefore calculates employment in each industry by adding up all these sources of employment.

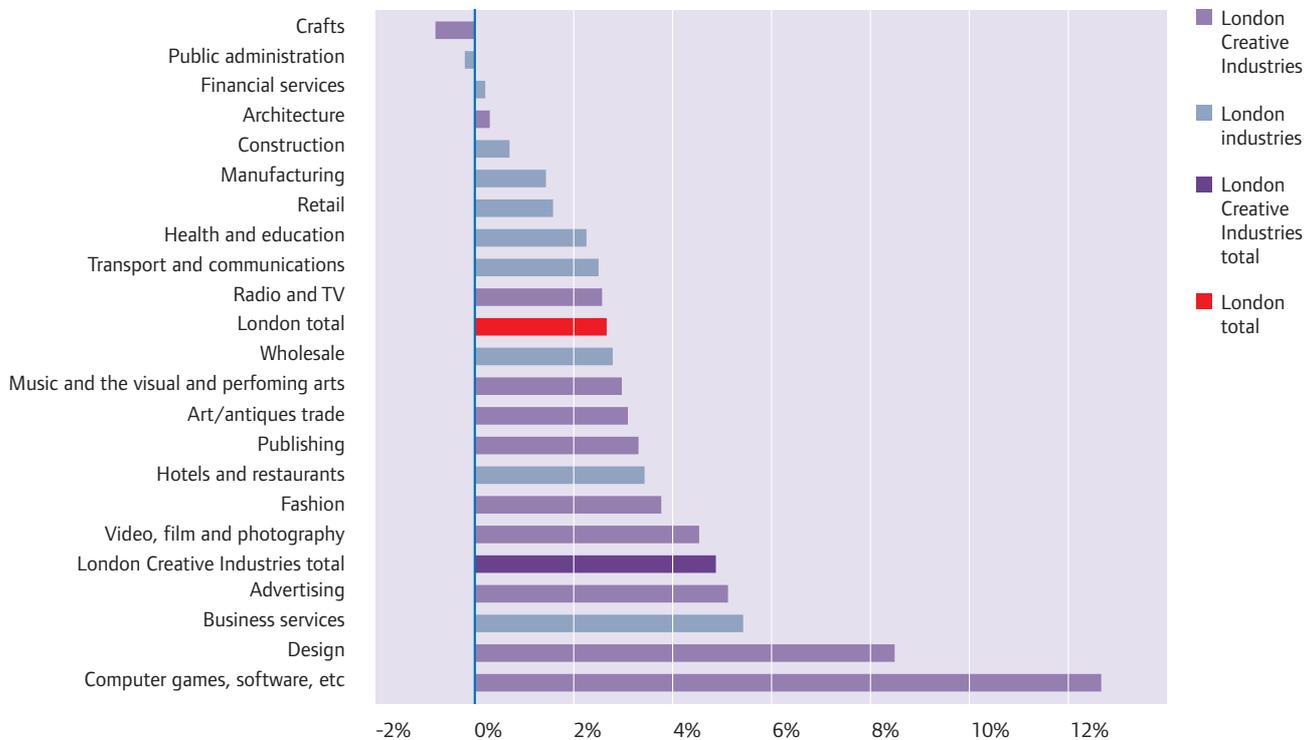
So for the sector called 'music and the visual and performing arts', GLA Economics first added up all the workplace jobs in the industry concerned – all who work in music companies, theatres, and so on – a figure of 44,500. Second, it found everyone else occupied in the sector concerned, either as a main or second job but not in any Creative Industry (11,100).

These numbers were then added together to show that 55,600 people hold jobs in the music and the visual and performing arts sector.

Over the whole of the Creative Industries this approach arrives at an employment figure some 33 per cent larger than the number working strictly for the Creative Industries.

All employment figures including the occupational figures are workplace-based – they report how many people work in jobs based in London.

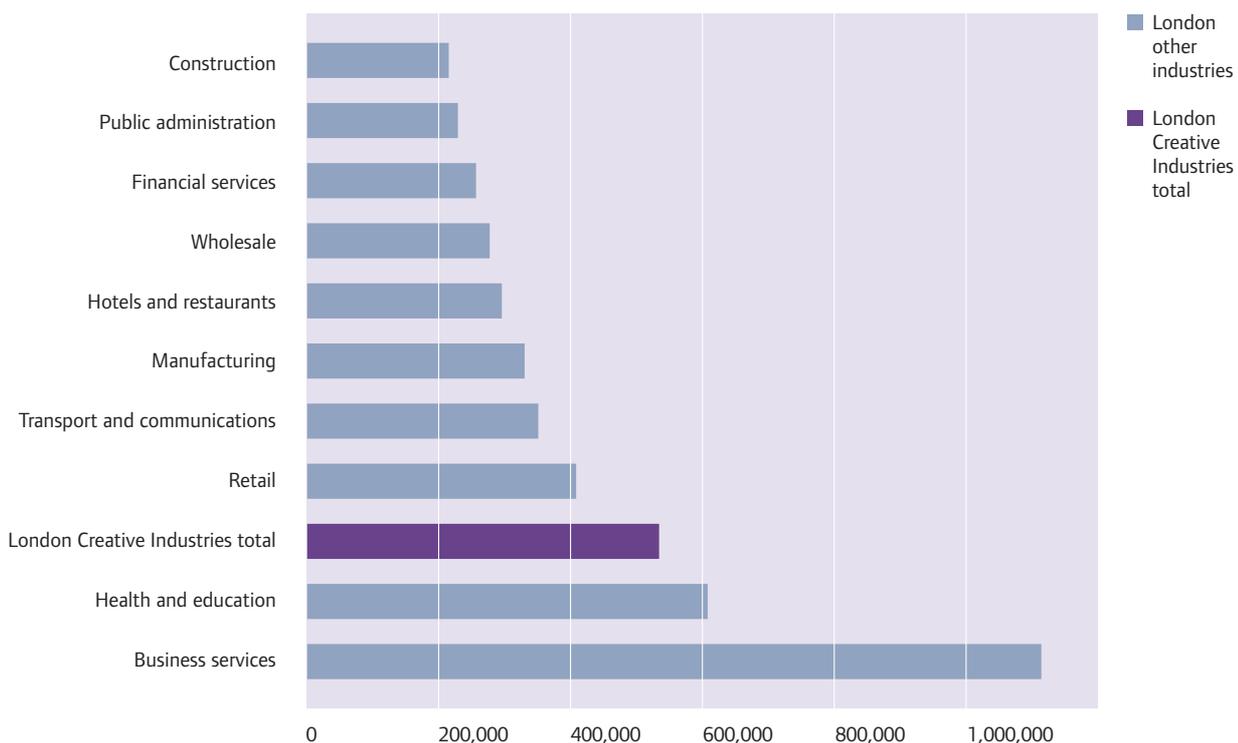
Chart 1.4 London's job employment growth rates 1995–2000



Percentage annualised growth in jobs

Source: Cambridge Econometrics and GLA estimates based on ONS, Annual Business Enquiry and Labour Force Survey data

Chart 1.5 London's employment in 2000



... with London's Creative Industries now the third most important sector of employment

This growth has taken the sector to the point where in absolute terms it is one of London's major sources of employment. It now represents the third most important sector after business services and health and education (Chart 1.5).

London is witnessing a benign productivity revolution in the Creative Industries...

The relative growth of employment and output show that London has become the scene of a productivity revolution centred on the Creative Industries.

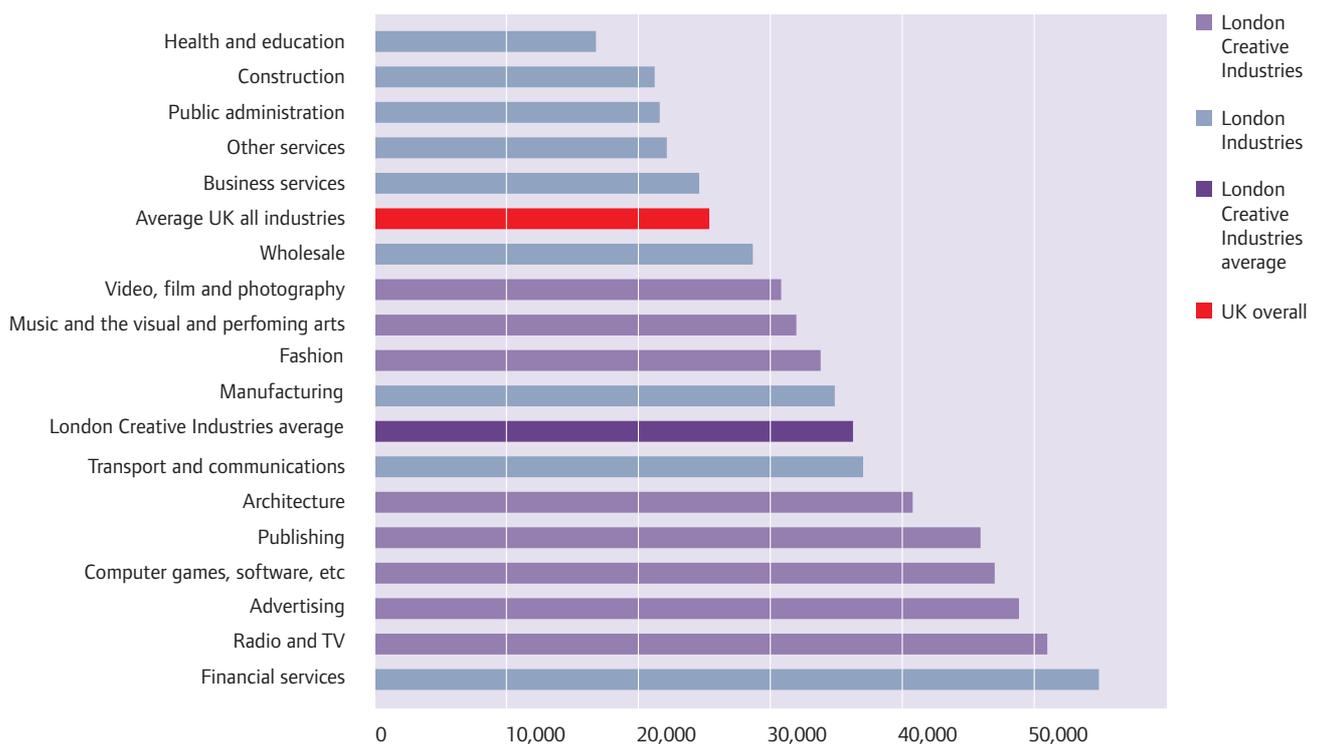
At the beginning of this phase of expansion, in 1995, workers in the Creative Industries were adding £31,000 each on average to output. Five years later they were adding £38,000 each, an average annual increase of four per cent per year in productivity (Chart 1.6).

By comparison, in real terms the average output per UK employee job at 1995 prices was £24,000 in 1995 and £26,000 in 2000, an annual growth rate in productivity of 1.4 per cent.

However, productivity growth has varied substantially between individual Creative Industries (Chart 1.7). The fashion industry even recorded declining productivity, reflecting relatively high employment growth compared to output growth. In

other cases, performance was outstanding. Four sectors amongst the Creative Industries recorded higher annual growth rates than any of the broad industrial sectors, with rates ranging from 6 to 14 per cent. Of the remainder only fashion, publishing, and music and the visual and performing arts, experienced lower growth rates in productivity than the UK average.

Chart 1.6 London's productivity, 2000



Box 1.3 How much do workers in the Creative Industries produce?

Measuring the contribution that an individual makes to an enterprise's output is not a straightforward matter. We do not know, for example, how much money a programmer makes for, say, a firm of accountants. It is important, however, that as well as having some knowledge of the number of Creative Industries employee jobs, we also have some understanding of the size of the contribution to London's output made by individual Creative Industries, as well as some rough estimates of productivity per worker.

The productivity and output figures in this report are based on a slightly broader definition

of the Creative Industries than the standard employment definition used. The ONS does publish estimates of output for the Creative Industries at the UK level, but does not use precisely the same definition as the DCMS. As a consequence, London Creative Industries output and productivity figures have been estimated using comparable London employment and UK output data. At a London level it is therefore the employment data that must be considered as being most reliable.

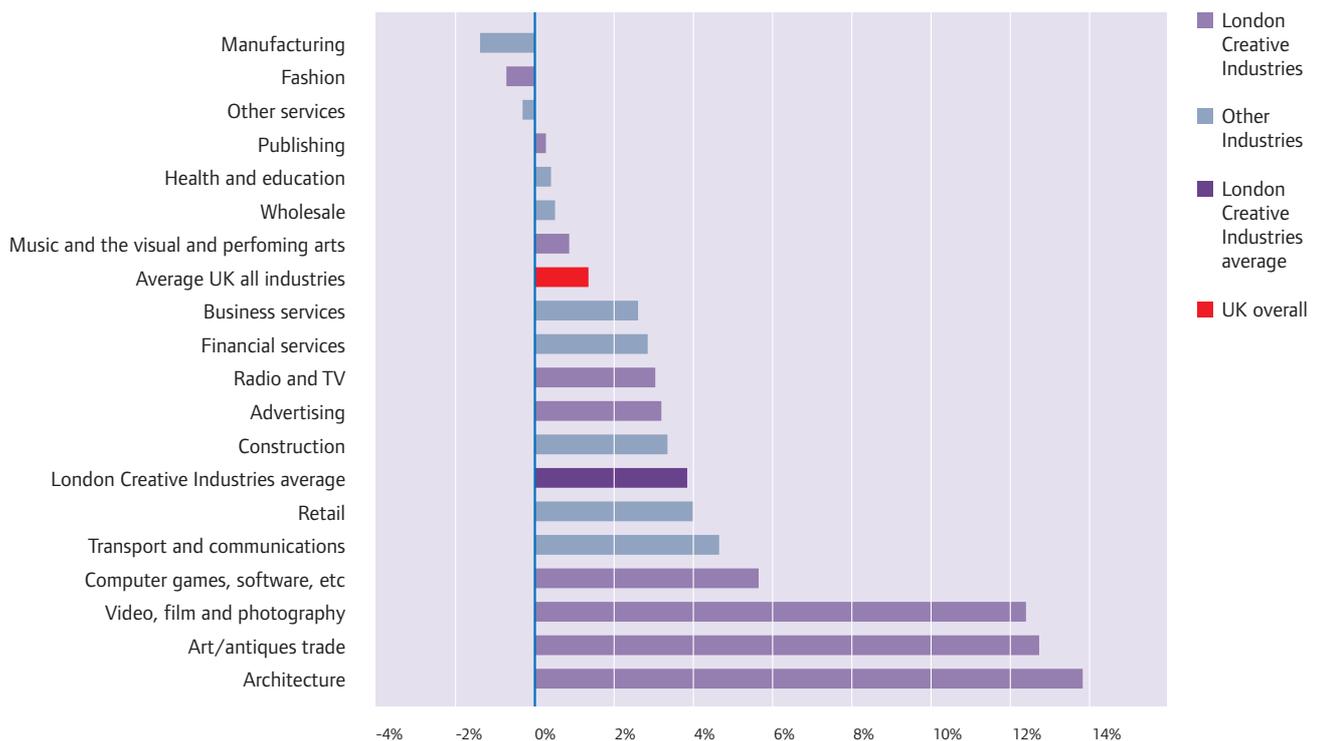
... with output and jobs rising...

In the Creative Industries both output and jobs have been rising. The productivity gains that have been realised are therefore very different from those that arise in a declining market dominated by falling prices, in which the principal way that companies raise output per worker and preserve margins is by cutting costs, eliminating unprofitable activities and slimming down employment.

... the result of expansion into a growing new market

Productivity in creative employment is rising not through economies imposed by a falling market leading to job losses, but by expansion into a growing new market accompanied by job creation.

Chart 1.7 London's productivity growth rates, 1995–2000



Box 1.4 Fashion, or designer fashion?

The DCMS includes 'designer fashion' within its definition of the Creative Industries. The 2001 Creative Industries Mapping Document cites the British Fashion Designer Report produced for the DTI by Susie Cheshire, which suggests that 1,000–1,500 people were employed directly in the UK designer fashion industry in 1998. The definition used however, was a very narrow one: just those designers who individually or as a company show regularly at the four major international fashion weeks (London, Paris, Milan and New York) and sell at the upper end of the market.

Using official data sources it is currently not possible to produce estimates of employment in the 'designer fashion' industry. In any event, in our view designer fashion represents a very narrow

definition of an important creative industry – the fashion industry.

The DCMS best-fitting definition of the 'designer fashion' sector using SIC and SOC coding is much wider, although it still includes an assumption that 0.5 per cent of clothing manufacturing feeds into the designer fashion industry.

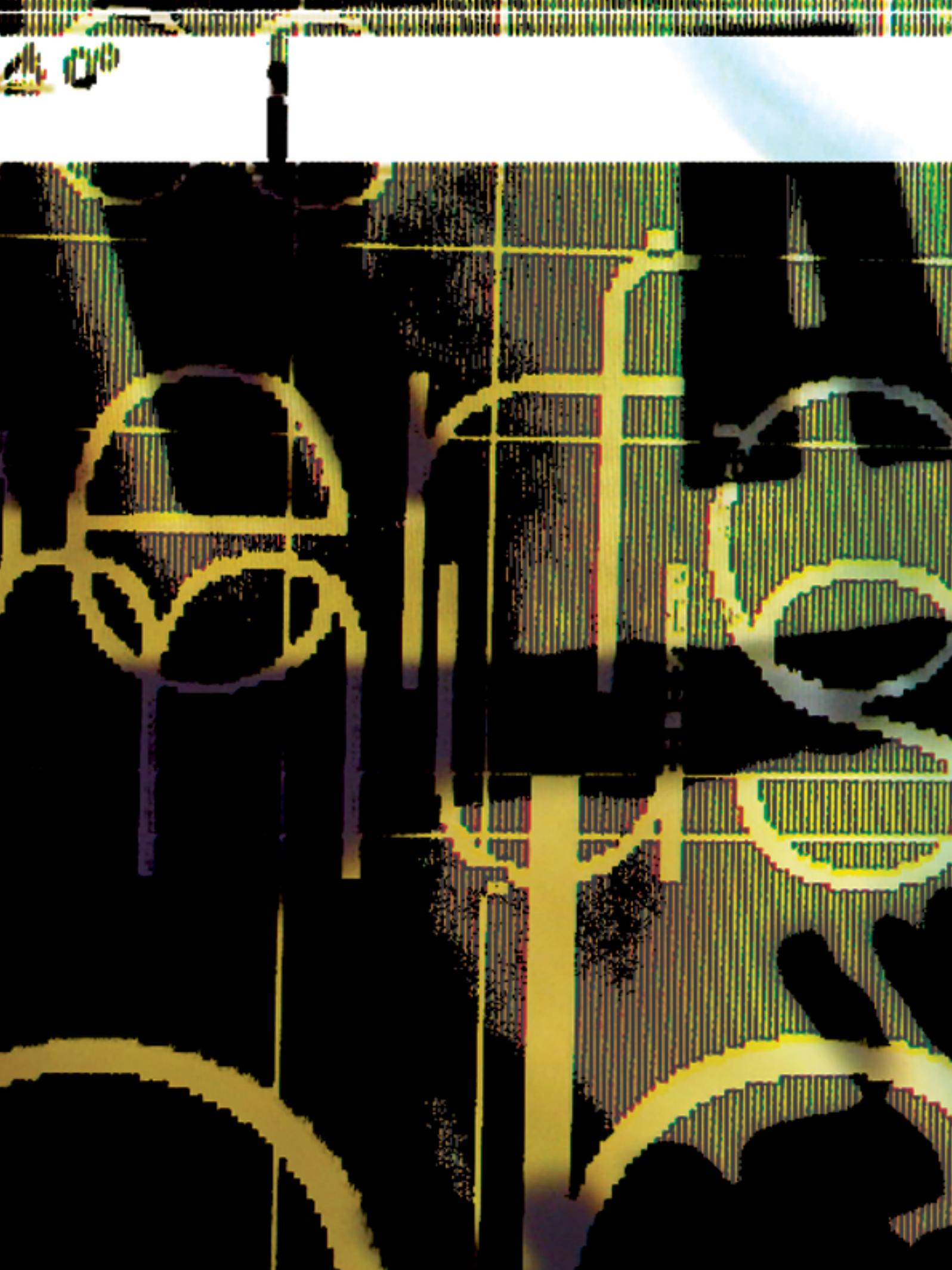
In this report an even broader definition is used. Firstly, we have included all of London's clothing industry. This is based on the view that, given the high cost of operating in London, the primary reason for any clothing manufacturer to be there is because it needs to be in close proximity to the design element of the industry. Secondly, the SIC code that includes fashion designers is a 'catch all' of business activities not elsewhere classified. This includes a wide variety of activity, such as credit

reporting, fashion and interior design, exhibition and conference organising, business brokerage and actors/artists agents. In order to capture the full creative element of this coding, an estimated proportion of 50 per cent are included.

The resulting estimate of 60,000 fashion jobs in London, therefore will include a proportion of jobs that are within Creative Industries, but not necessarily the fashion industry. This is necessary to ensure that we do not underestimate the total number of Creative Industry jobs in London.

In order to gain a more precise understanding of the size and current state of the designer fashion industry a study has been commissioned by the DTI and the British Fashion Council. This report by Malcolm Newbury Consulting will be published in December 2002.

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- London and the South East are leading Creative Industries growth in the UK.
- Creative Industries growth is strong in London because of the capital's unique combination of skilled and talented workers, cultural diversity, range of services, hi-tech infrastructure and direct access to wealthy consumer markets.
- The strong growth of London and the South East's Creative Industries has the potential to stimulate growth throughout the UK.

London and the South East lead UK Creative Industries growth...

Regionally, London and the South East have dominated the growth of the Creative Industries (Chart 2.1). According to our estimates Creative Industries growth in London has accounted for 111,200 extra employee jobs and in the South East an extra 86,000. The fastest growing region outside the South East, the Eastern region, has seen an increase of only 23,000 employee jobs.

... potentially to the benefit of other UK regions

This is not to say that London and the other regions of the UK are in competition. When a market is expanding, individual regions can benefit from the success of others. This is in

contrast to a situation when there is a struggle for shares of a limited or declining market. As a result, the rapid growth in the Creative Industries in London and the South-East regions can benefit the whole of the UK.

The Creative Industries outside London and the South East are not yet as well developed...

The position becomes clearer when we look at the rate of employment growth in the Creative Industries in each region (Chart 2.2). Whilst growth rates in London and in particular the South East are certainly higher than in other UK regions, the Eastern region is not quite as far behind as the gap in the number of jobs created might suggest. The Creative Industries outside

London and the South-East are simply not yet as well developed. However, they do have the potential to expand further by tapping into the advantages that proximity to London's Creative Industries offers.

... and employment has declined in the North East and East Midlands

Between 1995 and 2000, whilst the South East experienced Creative Industries job growth of 30 per cent, and London 27 per cent, the North East and East Midlands experienced declining job numbers. All other regions experienced positive but slower jobs growth (Chart 2.2). However, our broad definition of the Creative Industries includes most of the clothing industry, which has seen considerable decline in many UK regions,

Chart 2.1 Change in Creative Industries employment by UK region, 1995–2000

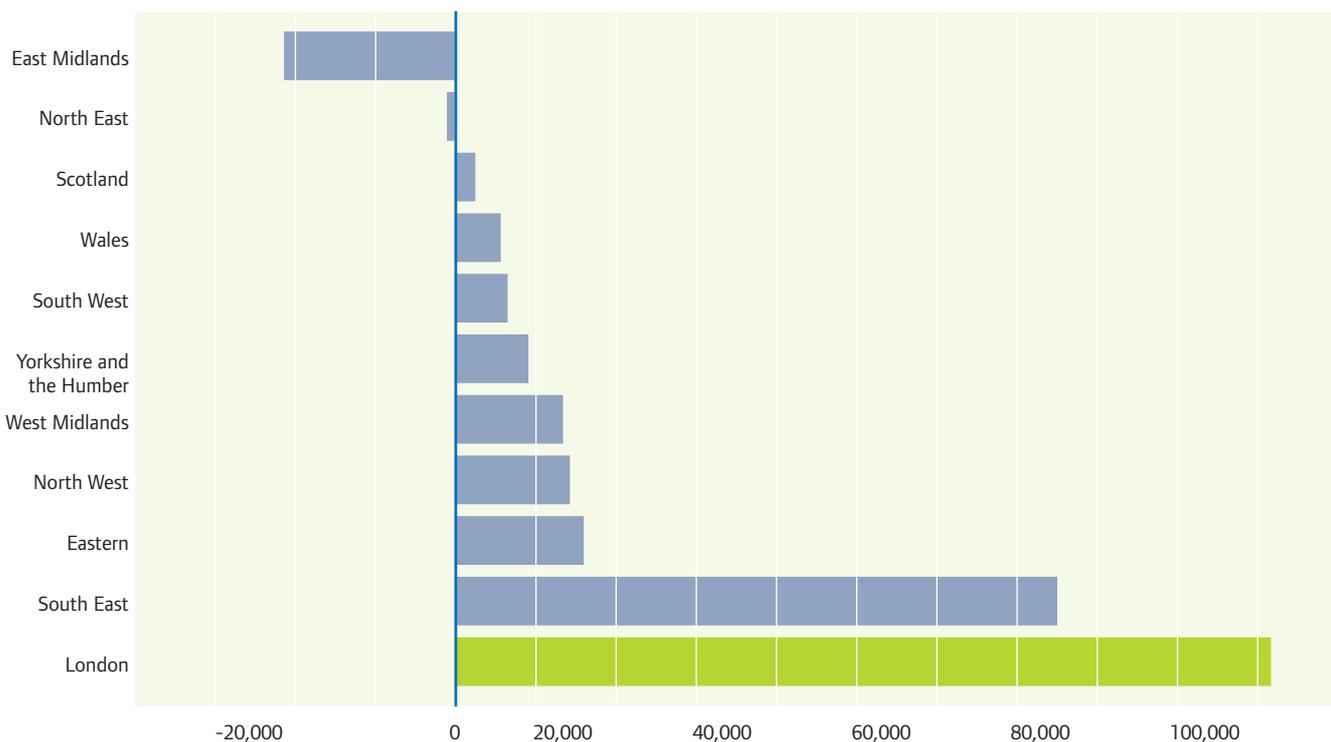
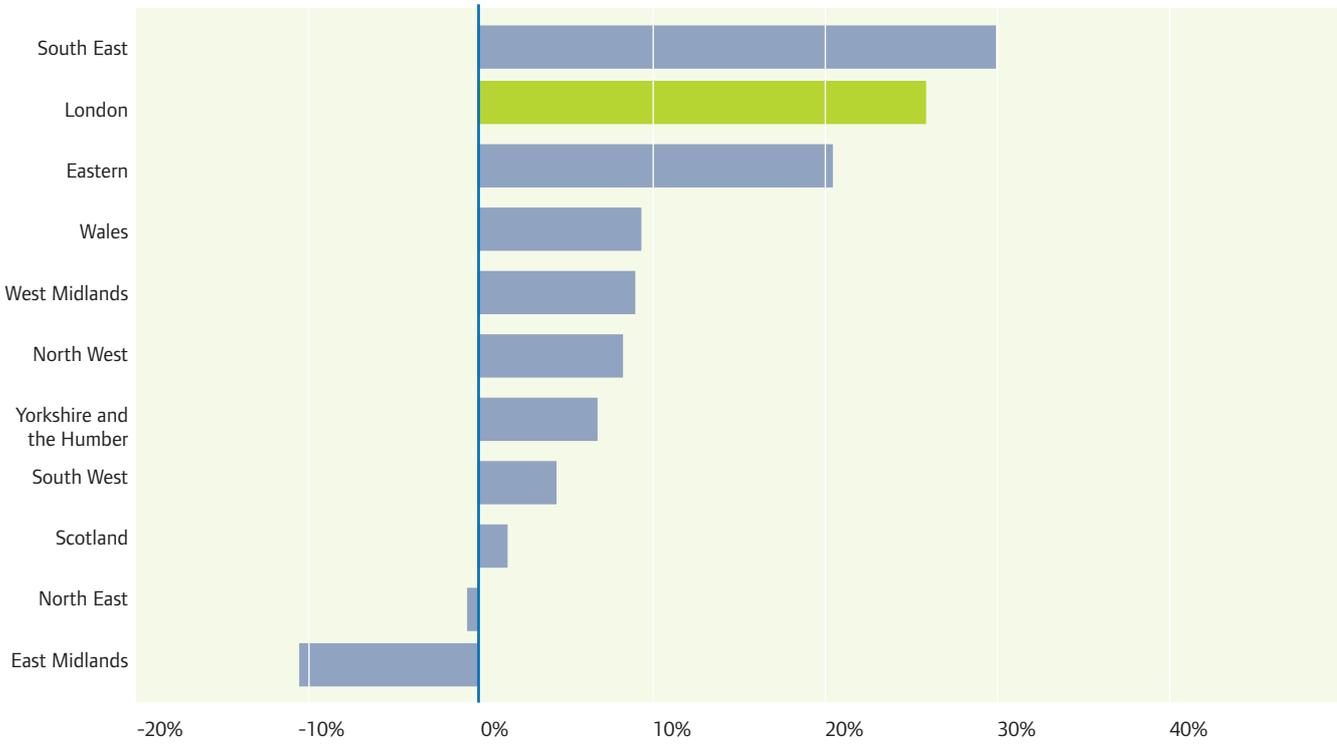
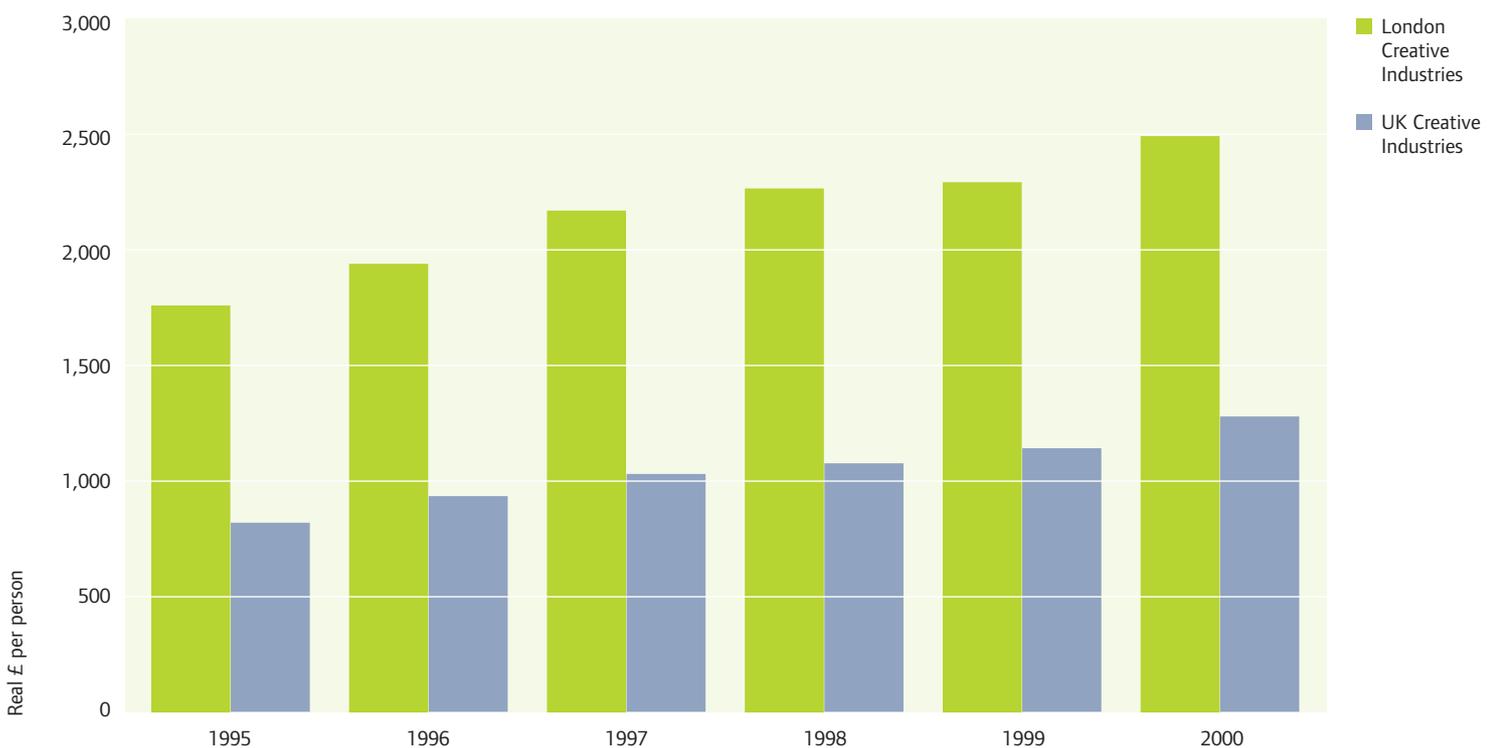


Chart 2.2 Creative Industries employment growth rates by UK region, 1995–2000



Source: ONS, Annual Business Inquiry and Labour Force Survey

Chart 2.3 Creative Industries average annual output per head of population: London and UK, 1995–2000



particularly the East Midlands (Box 2.1).

London accounts for a quarter of UK Creative Industries output...

Output of London's Creative Industries in 2000 totalled £21 billion, about a quarter of the total Creative Industries output in the UK. This was equivalent to some £2,500 per member of London's population in real terms, compared to £1,280 per person for the whole UK (Chart 2.3).

... its advantages include its skill base, its diversity and its access to consumer markets

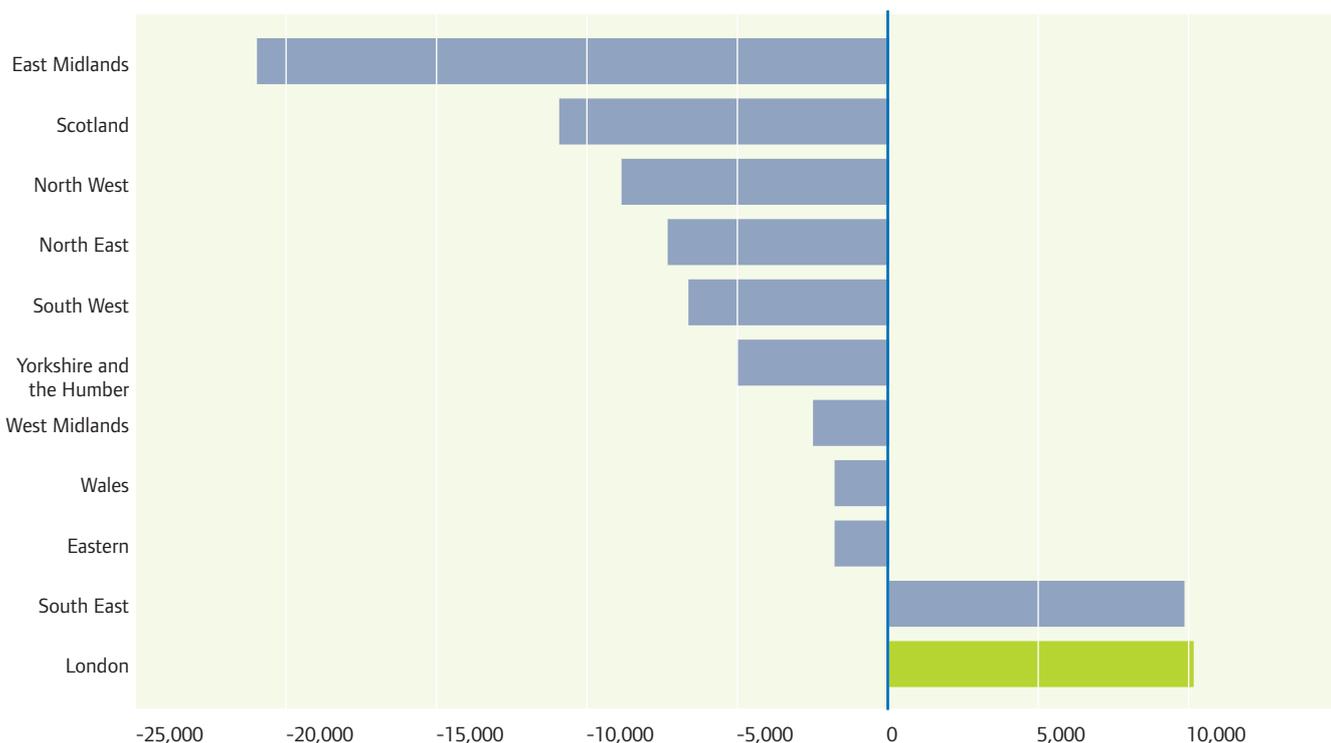
London's comparative advantage in providing the necessary inputs for successful Creative Industries is derived

from a combination of factors. For example, the wealth of talented and skilled workers, as well as the cultural diversity of London, provide the necessary creative input to produce different and identifiable goods and services in industries such as advertising, architecture, fashion and computer games, software and electronic publishing.

The concentration of economic prosperity and international businesses in London also provides direct access for Creative Industries to a market for difference. As mentioned earlier in Section 1, the high cost economic environment in London supplies the necessary conditions for a selective consumer market (both domestic and global) that demands creative products

differentiated by brand or identity.

Chart 2.4 Regional contributions to change in fashion jobs, 1995–2000



Box 2.1 Fashion and the relocation of the clothing industry

The fashion industry provides an interesting story of an increasing creative input rescuing the clothing industry from decline in London and the South East.

Employment in fashion in London increased by approximately 10,300 between 1995 and 2000, whilst employment in all other areas of the UK (with the exception of the South East) declined. The level of decline ranged from 1,800 jobs in the Eastern region to 21,100 in the East Midlands. The data leave no doubt that a fundamental relocation of the clothing industry is taking place (a key component of our definition of the fashion industry – see Box 1.4.)

Without more detailed research we cannot be wholly sure of the causes of this relocation.

Globally the clothing industry has been undergoing considerable international relocation over recent decades, with many UK operators either struggling or relocating most of their production to lower wage economies such as Sri Lanka, China, Morocco, or within Europe to Poland or Portugal. The growth in London and the South East is within a much higher cost environment than, for example, the East Midlands, so the growth must be in the higher value added end of the clothing market – in other words the fashion industry.



- Consumer demand for leisure goods and services has grown substantially over recent decades, the result of increased leisure time and rising disposable incomes.
- This has been the key driver of the recent dramatic growth in London's Creative Industries, increasing access to cultural outputs and boosting sales of creative products and services.
- London has developed further as a worldwide market for creative products and services in recent years.

With increased prosperity and leisure time...

The past 25 years have seen a radical change in the spending patterns of UK consumers. With increased prosperity and leisure time, consumers are spending an ever-increasing proportion of their income on leisure goods and services, driving significant increases in the size of this market.

... consumer spending on leisure goods and services has grown...

Leisure goods and services have not only grown faster than any other component of household expenditure over the past 25 years, but are also now the largest single component (Chart 3.1). In 1974, leisure goods and services accounted for only 14 per cent of the main household

spending categories. By 2000/01 this proportion had risen to 25 per cent.

In terms of total household expenditure, the proportion accounted for by leisure goods and services increased from 11 per cent to 18 per cent over the same period.

Box 3.1 Definition of leisure goods and services

Leisure goods and leisure services are two categories used in the Family Expenditure Survey, the primary source of data on spending by consumers in the UK. The table below provides a list of the types of goods and services included within these categories.

... stimulating growth in the Creative Industries

The Creative Industries represent one of the key groups of suppliers of leisure goods and services as defined in the family expenditure survey. As a result, of all the industry groups, they have benefited most from the increases in disposable income that have widened the domestic market for leisure.

Access to cultural outputs has been growing...

One effect on the Creative Industries of this rise in disposable income and leisure time is increased access to certain cultural outputs. Examples include:

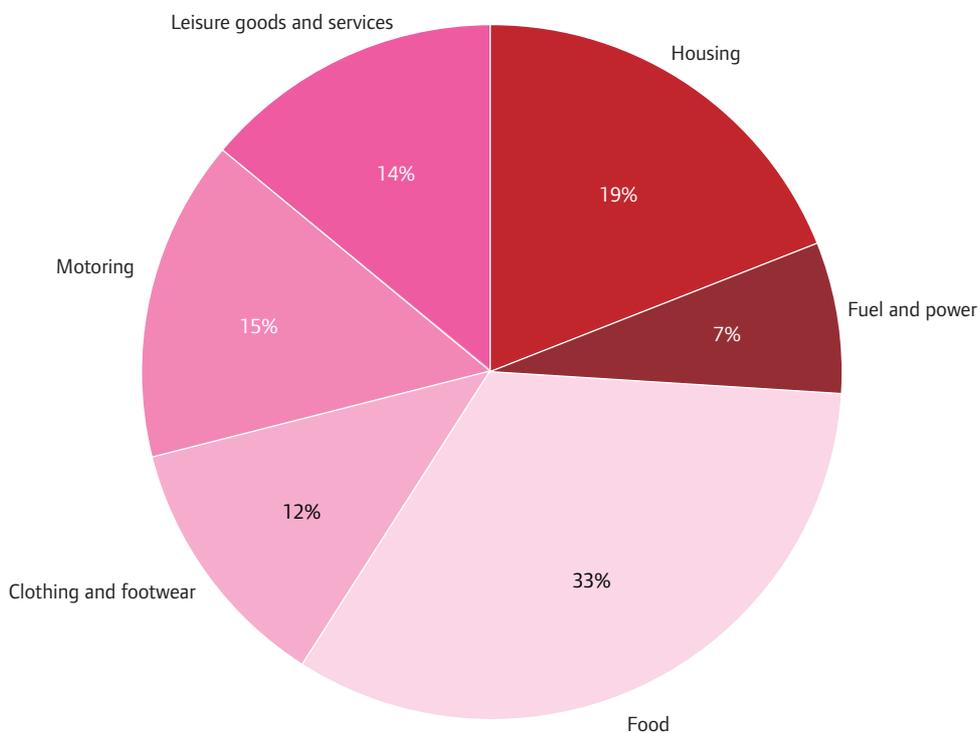
Cinema: Recent years have seen a revival in cinema attendance, with admissions up from

Definition of leisure goods and services

Leisure goods	Books, newspapers, magazines	TV, video, computer and audio equipment
	Sports and camping equipment	Toys and hobbies
	Photography and camcorders	Horticultural goods, plants and flowers
Leisure services	Cinema and theatre	Sports admissions and subscriptions
	TV, video, satellite rental, TV licences and Internet	Other entertainment (including dance, nightclubs, galleries and museums)
	Educational and training expenses	Holidays and holiday expenses
	Gambling payments	Cash gifts and donations

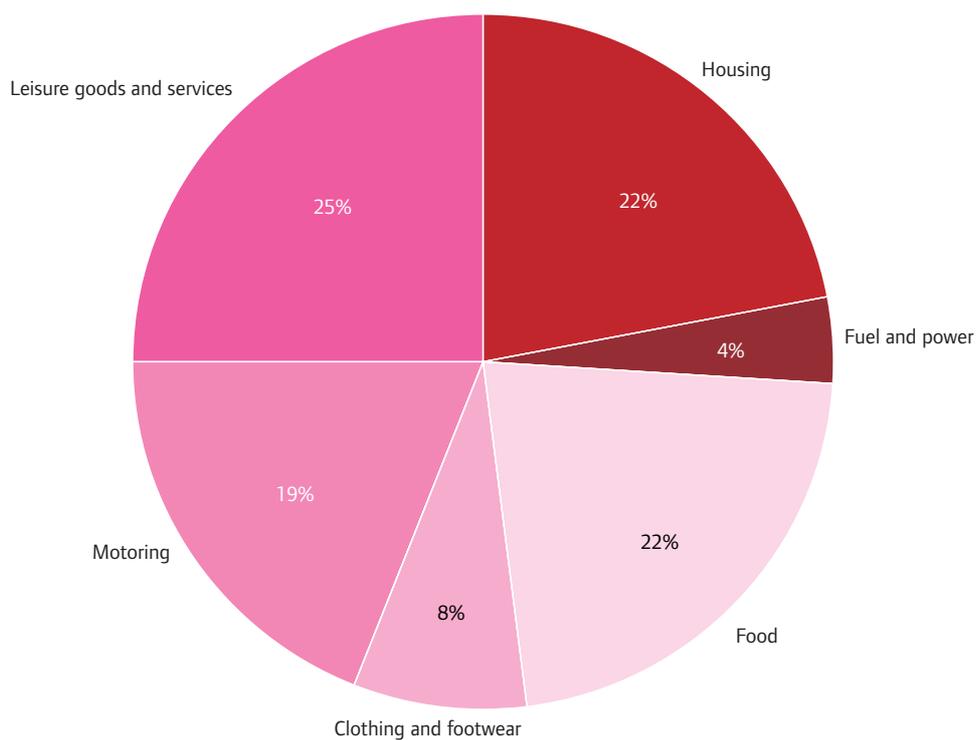
Chart 3.1 Proportion of average weekly household expenditure on selected spending categories, 1974 and 2000–01 (%)

1974



Source: ONS, Family Expenditure Survey

2000–01



54 million in 1984 to over 143 million in 2000 (Chart 3.2). At the same time, the numbers of films produced in the UK has increased from a low of 24 in 1981 to 98 in 2000.¹

Publishing: The number of new and revised book titles published in the UK rose by 17 per cent in the five years from 1996 to 2001.² The number of new fiction titles rose by 42 per cent over the same period, though the fastest rate of growth was amongst travel books, which saw growth of 64 per cent.

Museums and galleries: Museum attendance in London did increase overall between 1994 and 1999³, but it was the reintroduction of free admission to some of London's

key museums at the end of 2000 and the opening of Tate Modern in May 2000 that sparked very substantial increases in visitors to London's museums and galleries.

The number of visits to the six museums and galleries sponsored by the DCMS in London that had previously charged increased from 4.3 million for the Dec–June period 2000–2001 to 7.0 million for the same period in 2001–2002, an increase of 62 per cent.⁴ Visitors to the Victoria and Albert Museum are up by 157 per cent.

In its first year Tate Modern had 5.25 million visitors,⁵ making the new gallery the most popular modern art museum in the world and the

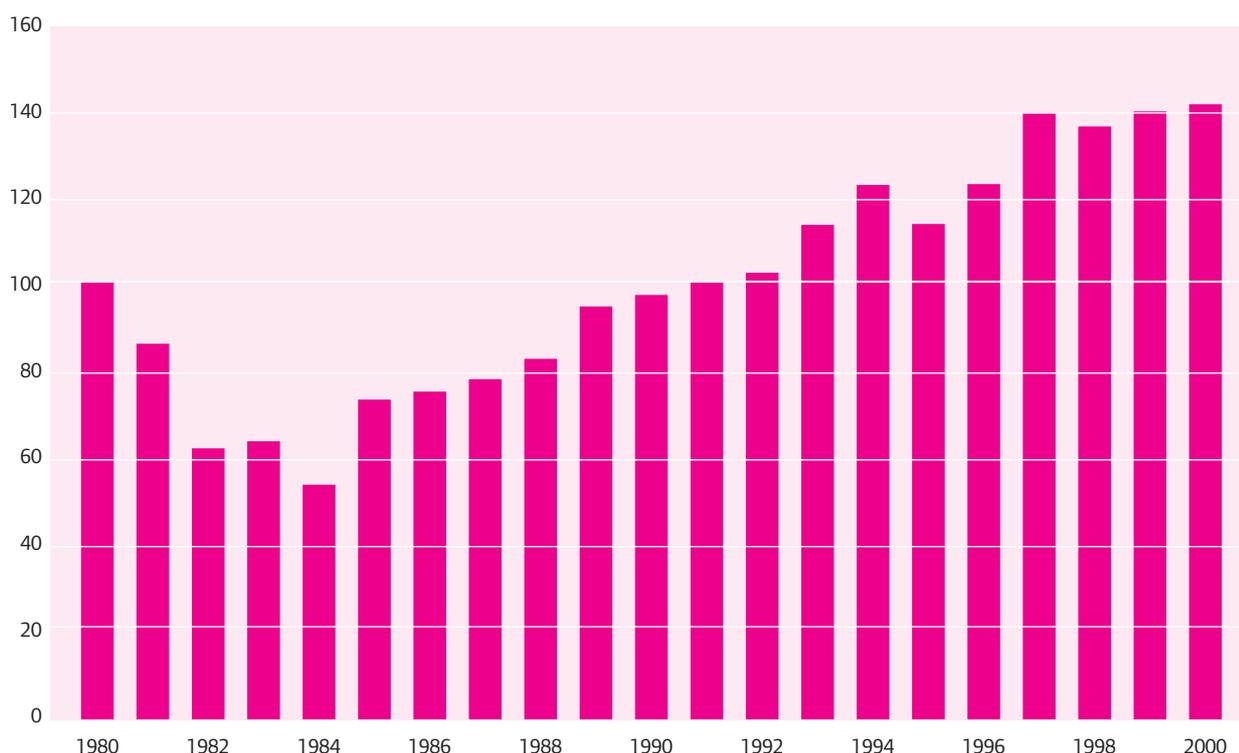
third most popular tourist attraction in Britain, after the British Museum (5.7 million) and the Millennium Dome (6.5 million).

... whilst sales throughout the Creative Industries have been on the increase

The increase in spending on leisure goods and services has had a profound effect across the whole range of Creative Industries, including those, like advertising, that do not actually sell directly to the consumer.

To take advertising as an example, the industry saw significant absolute growth in revenues over the decade to 2000 (Chart 3.3), with total UK advertising expenditure at constant prices growing by 57 per cent. Clearly the past

Chart 3.2 UK cinema admissions, 1980–2000 (million)



decade has witnessed a period of strong economic growth, and the advertising industry responds very directly to the overall state of the economy. Advertising budgets tend to be cut when finances are tight, and advertising spending has been down over the past year following the downturn in the UK and world economies. However, with economic recovery expected, the longer-term prospects for advertising sales growth continue to be good.

There is a growing world market for London's creative products...

In addition to the rise in domestic demand, a significant increase in demand from abroad for London's creative services has also taken place over the past five years.

Whilst the value of total UK exports of services rose by 37 per cent between 1996 and 2001 (Chart 3.4), the value of exports from a variety of sectors with strong creative elements increased much more rapidly. For example, computer and related services rose by 121 per cent, audiovisual and related services by 80 per cent, and advertising and market research by 104 per cent (Charts 3.5 to 3.7). Although these are UK figures, London provides the main focus for all these service industries. The only other service sectors that are exhibiting such rapid export growth rates are Financial Services with 97 per cent growth and Business Services with 69 per cent growth between 1996 and 2001.

The globalisation of markets in the developed world in general will make London's international position increasingly valuable. In particular, London is well placed as a bridge between markets across the EU and the US. Growth in international trade has always been a driver of economic performance and the Creative Industries are no exception. London has a strong set of assets that make it well placed to exploit the growing global market for creative products and services.

Chart 3.3 UK advertising expenditure, 1991–2000 (1995 prices, £ billion)

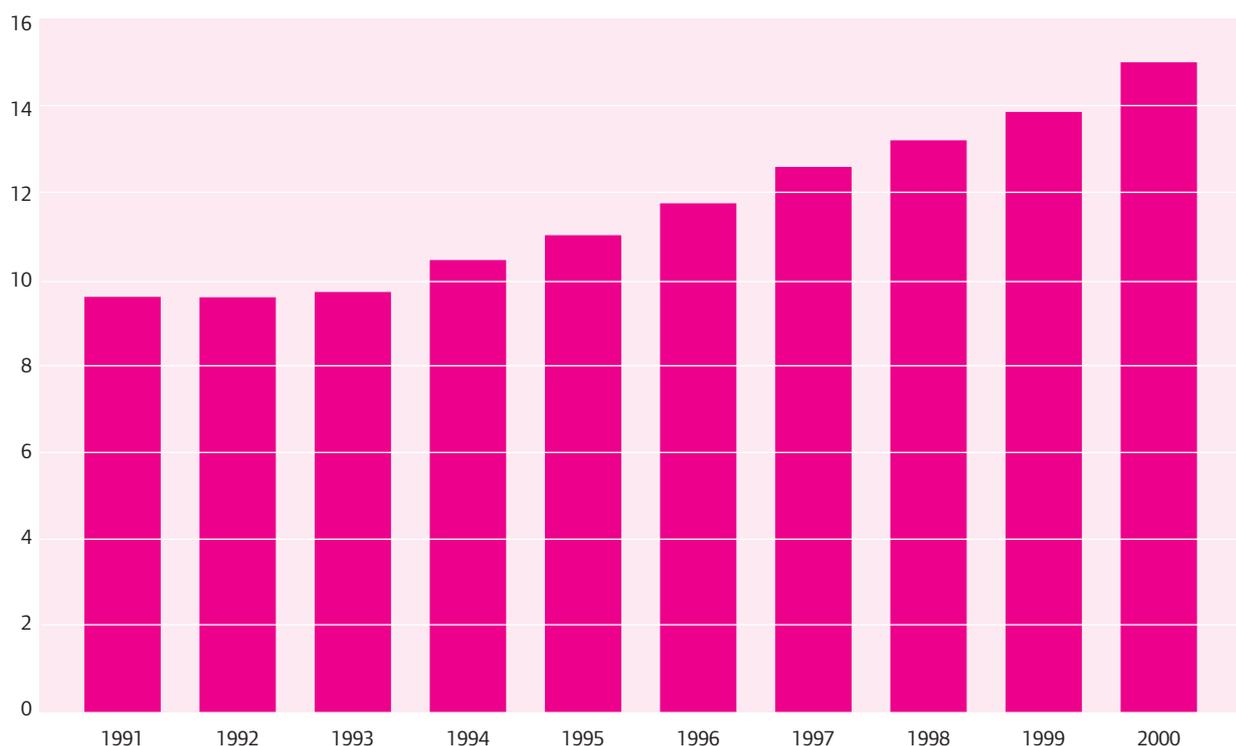
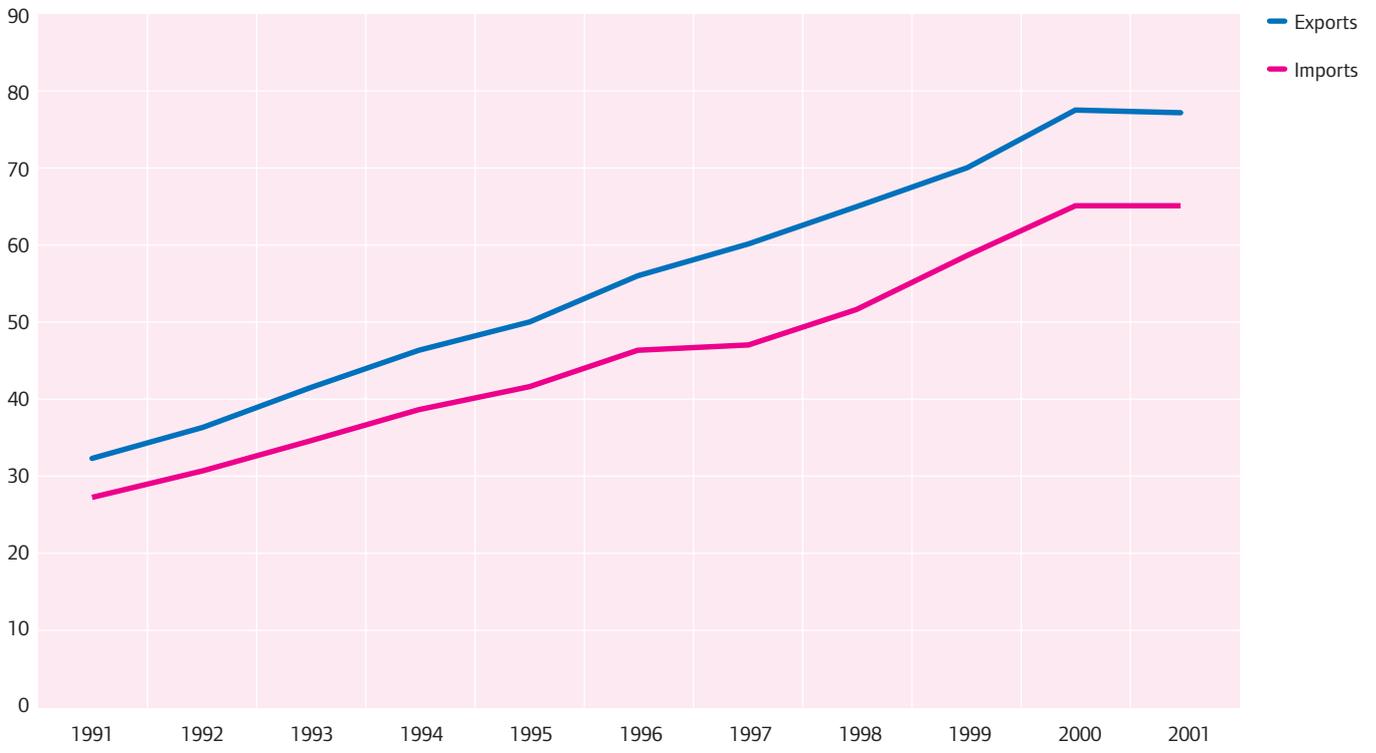


Chart 3.4 Overseas trade in services, 1991–2001 (£ billion)



Source: ONS, *The Pink Book*

Chart 3.5 Overseas trade in computer and information services, 1991–2001 (£ million)

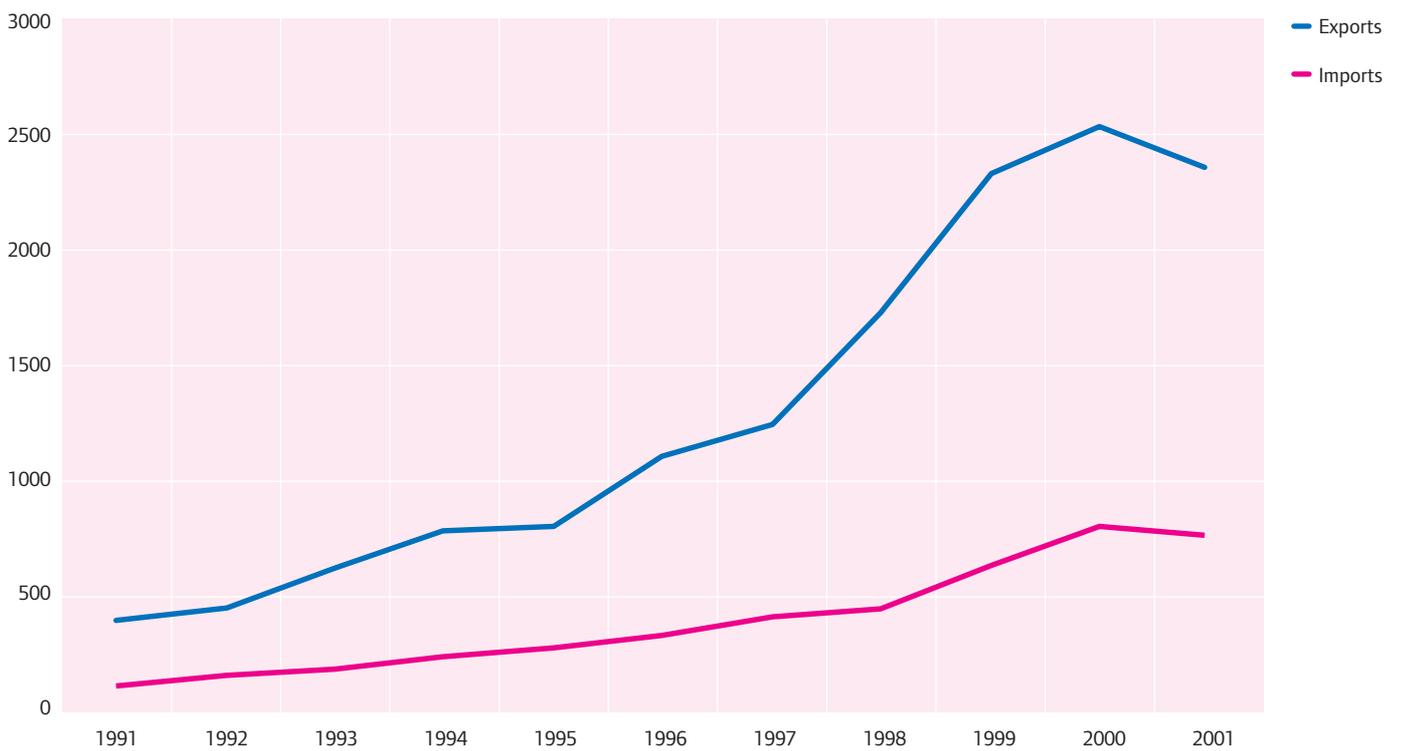
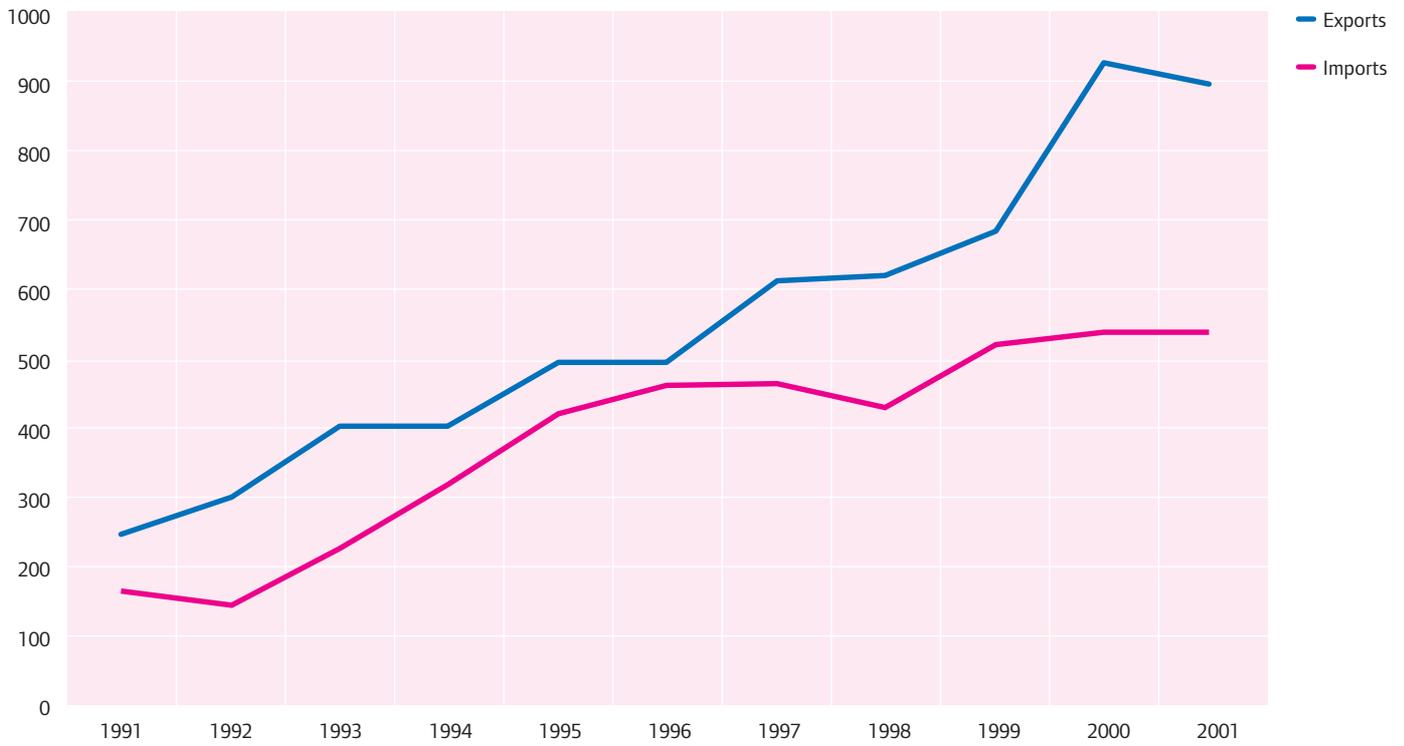
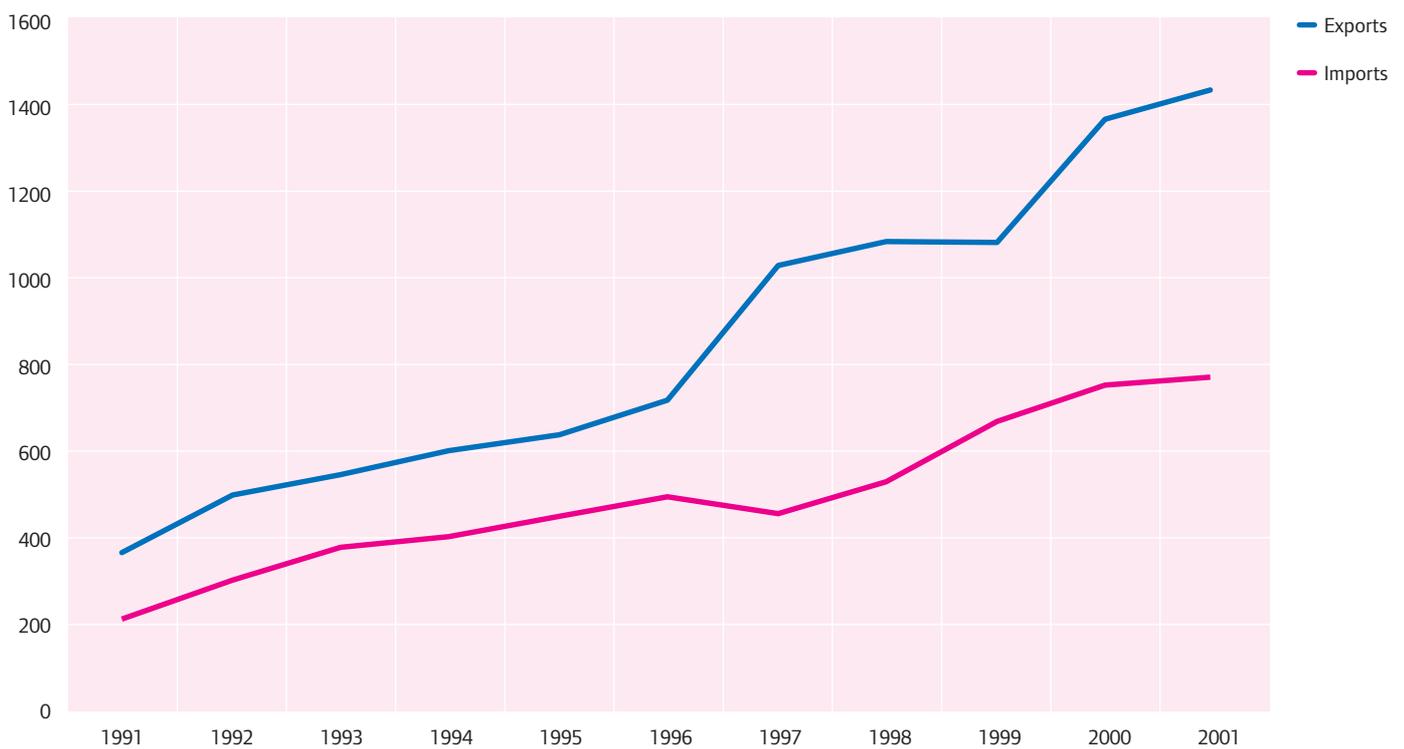


Chart 3.6 Overseas trade in audiovisual and related services, 1991–2001 (£ million)



Source: ONS, The Pink Book

Chart 3.7 Overseas trade in advertising and market research, 1991–2001 (£ million)



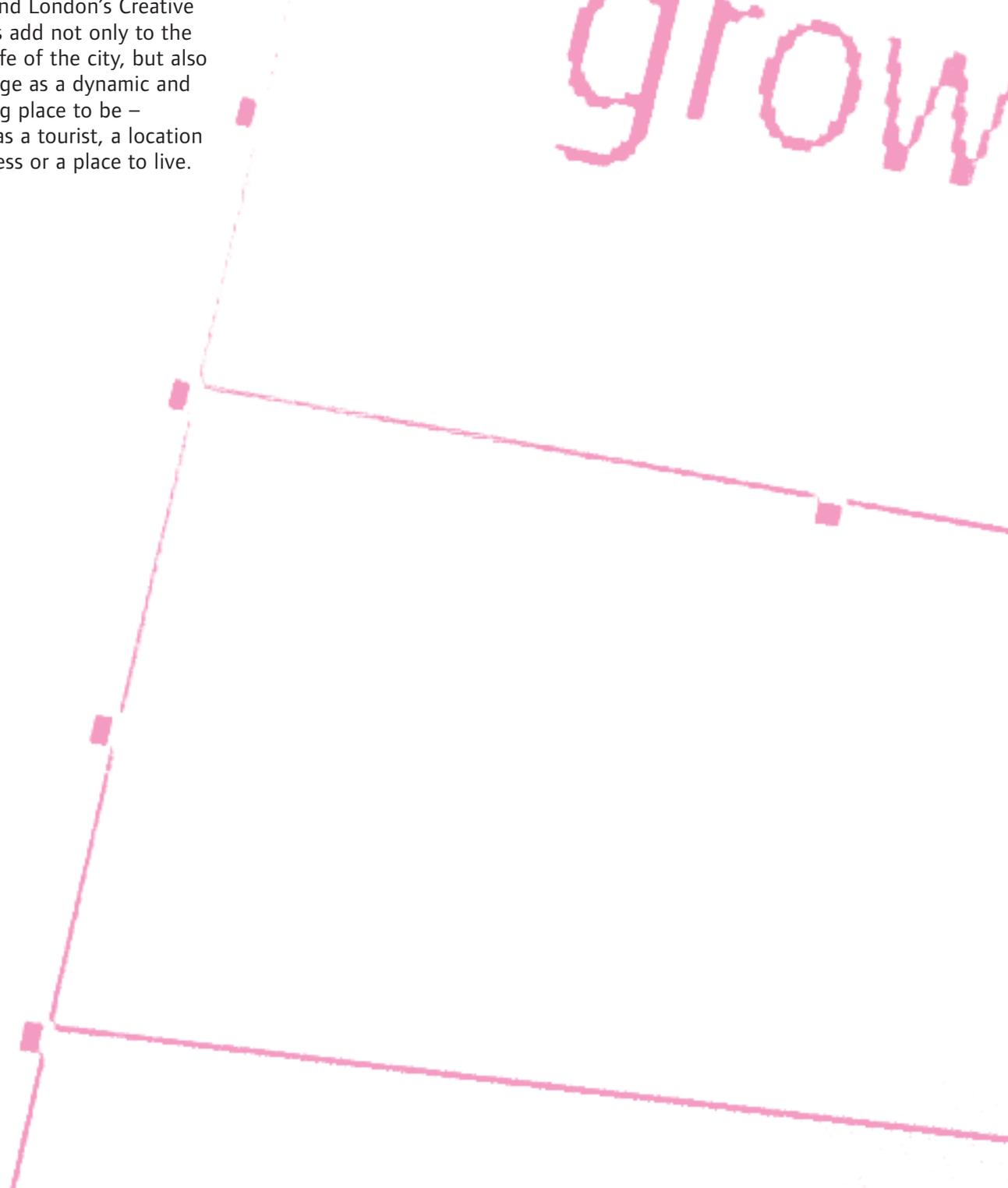
... and its success can breed further success

London's Creative Industries clearly play a vital role in the way that the city is perceived around the globe. From music or theatre through to advertising, many of them have a worldwide reputation. Success helps to reinforce success and London's Creative Industries add not only to the cultural life of the city, but also to its image as a dynamic and interesting place to be – whether as a tourist, a location for business or a place to live.

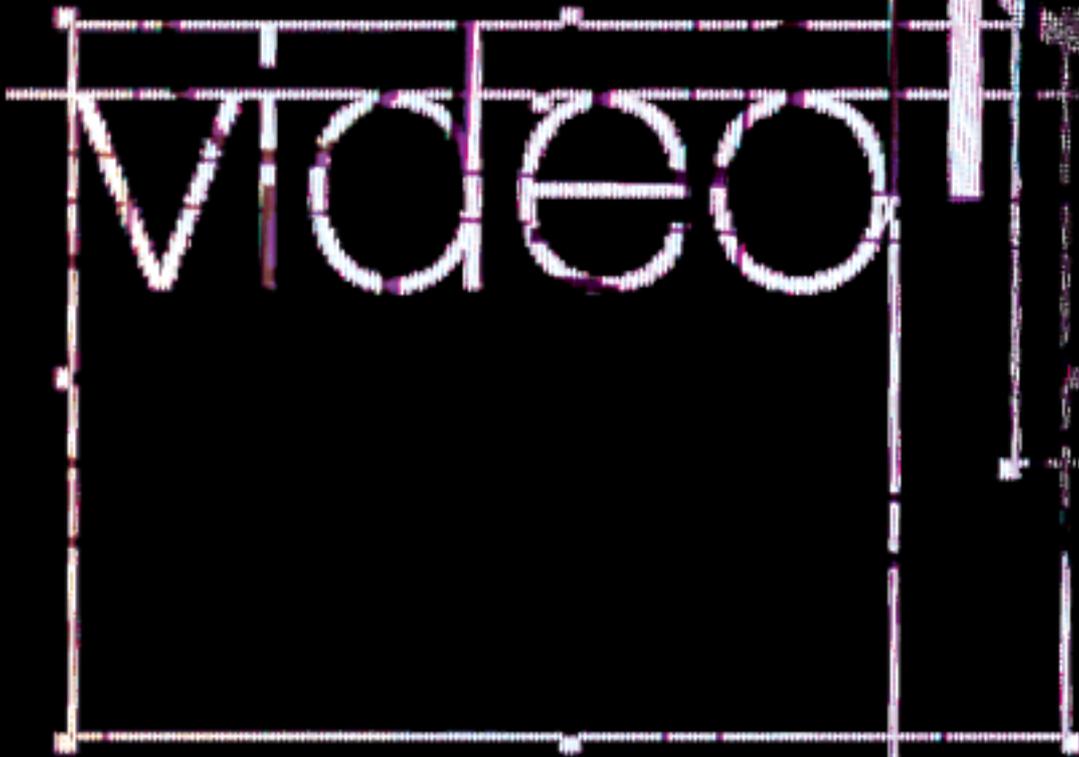
References

- 1 Screen Digest/Screen Finance/BFI, 2002
- 2 Whitaker Bibliographic Information, 2002
- 3 re:source, the Council for Museums, Archives and Libraries, 2002
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- 5 The Tate, 2002

See
The
grow







Harnessing London's capital:

the new productive structure
and the resources it needs

- The success of the Creative Industries proves that London offers what is needed for a new high-growth, value-added sector.
- London's costs are high; its winners are those who provide what the customer wants. The keys to achieving this are the supply side advantages that London offers.
- London's prime asset is its social capital: a highly skilled, diverse and multicultural workforce. It does business in the world's language – and speaks another 300. Only New York has comparable advantages.
- To utilise human capital efficiently, proximity is decisive. London is a creative factory; it gives access to the entire range of services required to deliver customised products on a large scale to tight deadlines.

Rapid growth rates are no longer the sole preserve of the City...

The very success of London's Creative Industries is proof that something new is happening to the capital's economy. This success has been made possible by the expansion of financial and business services, but it is now clear that high growth rates are no longer the sole preserve of the City. London has undergone a transformation which has created conditions in which large sectors are able to experience high growth in both output and jobs. It is a central priority for both London and the UK to identify the nature of these conditions.

... yet with such diversity amongst the Creative Industries...

The Creative Industries are themselves highly diverse. There is nothing special about their industrial structure that provides a clue to their success (Charts 4.1 and 4.2). Each industry has a specific form of organisation, and a particular set of needs. Future reports commissioned by the mayor will deepen our understanding of these.⁶

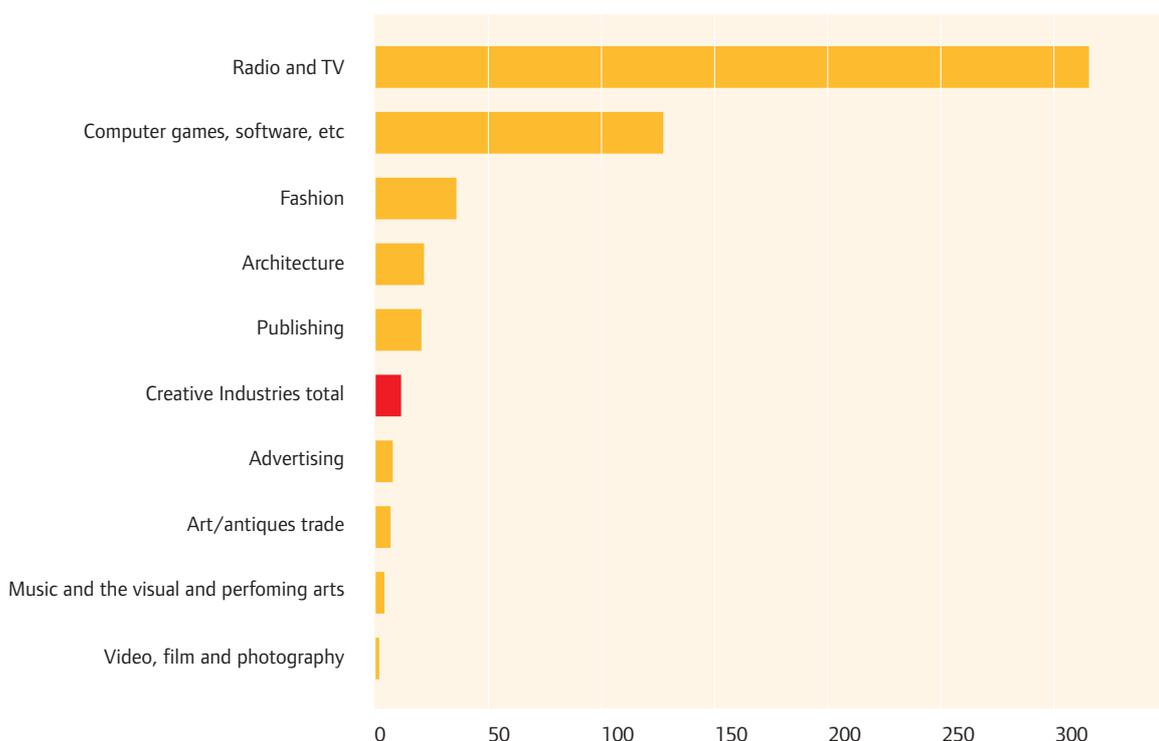
... it is important to understand what has enabled them to prosper

However, their rapid and productive growth – and their concentration in London and the South East – makes it clear that the capital meets decisive needs that they all have in common.

London is a high cost location for business...

At first sight the emergence of a new high-output sector in London appears paradoxical. The city's precipitate growth in the last two decades, as the London Plan has identified, has given rise to major shortages in transport, housing and the labour force. These shortages have driven up prices, creating a business environment dominated by costs substantially in excess of the UK average. If the only factor affecting business profitability were cost-reduction, London businesses would be the least likely candidates for success. Indeed, between 1971 and 1991 London lost 665,000 workforce jobs, entirely accounted for by the destruction of 698,000 manufacturing jobs.⁷

Chart 4.1 Average size of enterprise in the UK Creative Industries, 2000



... yet financial and business services and now the Creative Industries are succeeding

London's role as a centre for financial and business services, selling into a new global market, has clearly transformed this situation and elevated London to the level of a leader of UK growth.

The prodigious success of the Creative Industries shows that such expansion is not confined to the financial sector. London's new position in the world, the quality of its young and diverse workforce and the unique combination of supply-side factors that have emerged to support the financial and business services sector, have created the conditions for this new type of industry.

London has some specific advantages...

London-based enterprises, from the smallest to the largest, cope with two pressures. First, they sell into highly competitive markets, with constant downward pressures on prices and all the risks of being driven out by global rivals with superior resources. Second, they are producing in one of the most expensive locations in the world.

The decisive preconditions for sustained expansion are therefore the supply-side elements that make high value-added production possible in a costly environment.

The industries that prosper are precisely those, like the Creative Industries, that are able to capitalise on London's specific

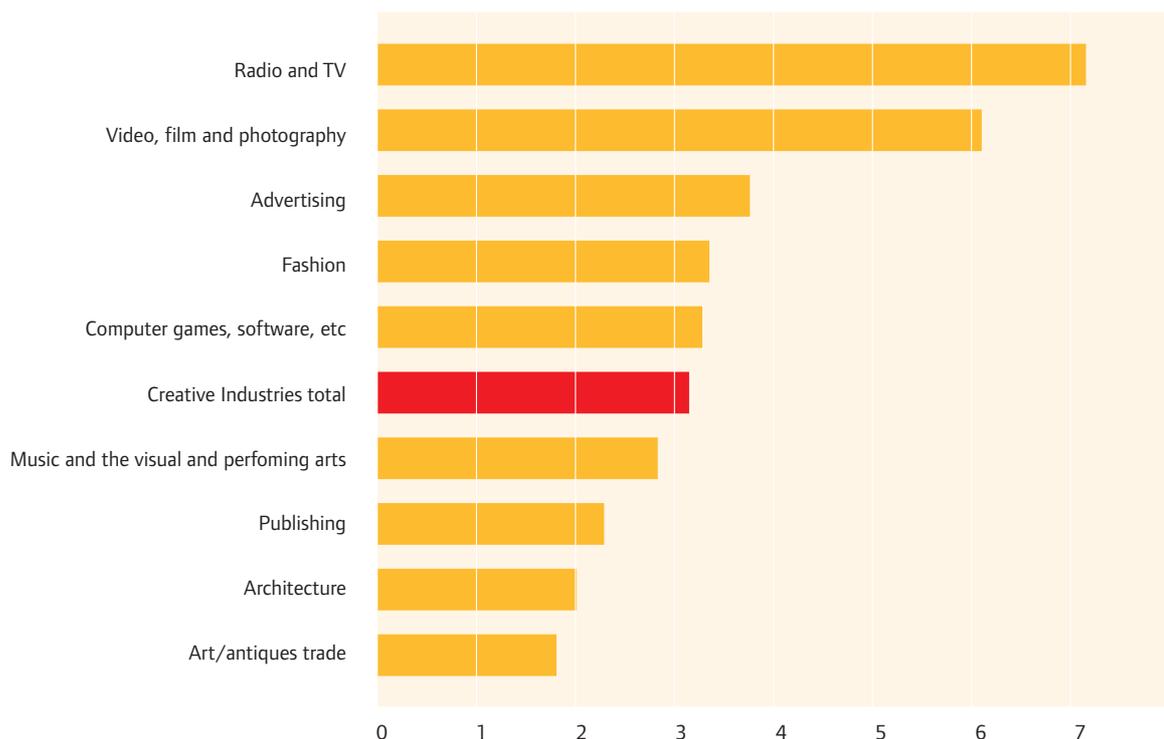
advantages:

- A skilled, flexible and culturally diverse labour force that is fluent in the world's main global language.
- A developed high-technology infrastructure.
- Access to a wide range of business services.
- Proximity to the command and control functions that serve the world's major industries.

... such as a skilled, flexible and diverse labour force

London's highly skilled and qualified workforce, and its diverse and multicultural make-up – with an estimated 300 languages spoken in London schools⁸ – are the UK's greatest competitive asset in this new mass market. In this respect only New York is comparable.

Chart 4.2 Capital intensity in the UK Creative Industries, 2000



London has a bipolar distribution of educational achievement (Table 4.1). On the one hand, over 25 per cent of the working-age population have no qualifications or no better than NVQ level 1 (GNVQ foundation or Youth Training only). On the other, over a third of its working-age population have a qualification at HND or degree level (NVQ level 4) or higher, and half are qualified at or above NVQ level 3 (two A-levels or more).

London has thus already met the National Learning Adult Qualification Targets⁹ for 2002. By the standards of the new industries this is good – but not that good. The Creative Industries require a workforce that is adept, qualified, and capable. 41 per cent of Creative

Industries professionals – and 32 per cent of those working in Creative Industries – have degree qualifications.¹⁰ Removing all barriers to participation in the new labour market, and raising educational attainment in London at all levels, is clearly a prime condition for success.

It offers close proximity to other creative producers and services...

Any global advantage London may have in terms of human and social capital is not enough to explain its success in Creative Industries. A further set of factors needs to be in place to mobilise this resource.

The next key factor that unites these diverse industries is proximity. Proximity is the

primary reason for the clustering of service-orientated industries. It is evident in the intense concentration of Business Services in a city like London. The processes that lead to clustering are also at work in the Creative Industries.

Trying to understand these processes by studying individual businesses is equivalent to trying to see how an office works by examining a single desk. Good desks matter, but that isn't the point. What really matters is the entity created by the collection of desks together with the phones, printers, and everything else that the office requires – and in particular the people that operate them.

Table 4.1 Qualification of working-age population 2002

Percentage with qualifications at or above:	NVQ level 5	NVQ level 4	NVQ level 3	NVQ level 2	NVQ level 1
UK	4.5%	23.9%	45.0%	73.8%	83.8%
London	7.7%	31.5%	50.0%	74.0%	85.9%

London is such an entity. It is London as a whole that nurtures success. It offers the entire range of supply-side requirements that permit creative producers, their suppliers and their purchasers to interact and work together to bring about the final product.

London also provides producers with proximity to each other – and that is its unique asset. It provides the capacity for inspiration, for innovation and the spread of ideas. This is why the secret of London's Creative Industries success cannot be transplanted to another location.

... and proximity to a local and international market place

The customers for the products and services of the Creative Industries form a complex chain

leading from initial manufacturers, such as textile makers, all the way up to individual consumers. Purchasers may be the customer who walks into a local boutique or exporters to the world using London as their base. These purchasers call on a bewildering range of inputs and resources, all of which must be within reach.

Proximity facilitates innovation...

Innovation generally requires closeness. When computers were new, 30 years ago, companies constructed mainframes in central London. Even though such machines then took up huge amounts of space they needed to be under the eye of management, simply because they were so new and important. Now that computing is standard

and standardised, it has moved out of London. But innovation has not.

Proximity also provides the opportunity for company-hopping, itself an innovative process as designers, advertisers and so on change agency and acquire new partners. Sometimes their clients move too, and sometimes they too are refreshed by a new approach.

... allows for rapid, flexible service delivery...

Within reach means on time. Timing is the key to modern flexible service delivery; it is what the Creative Industries have to provide. Just-In-Time production may be a modern

term, but theatres and orchestras have been delivering it for millennia. There is no deadline more demanding than a curtain rising, nothing more synchronised than a concert performance, and no human action more precisely co-ordinated than a pas de deux.

... and most importantly personal interaction or face-to-face contact

Intellectual inputs require face-to-face human contact, and that is why the great cities are finding a new role as the locus of a network of suppliers and consumers, forming a supply chain in which rapid and frequent liaison with providers and immediate purchasers are of decisive importance.

London is well provided for in communication, both physical and virtual.

The ability to act in a global market also requires international communication – whether electronic or face-to-face. The importance of international personal interaction must not be underestimated and it is no accident that the focus of Creative Industries activity is down the corridor to Heathrow. Electronic communication is an addition to – and an essential ingredient of – but not a substitute for real meetings involving real people.

Heathrow is the largest and busiest international airport in the world. It is an operating centre for 90 airlines and serves 170 destinations worldwide. In

2001, 64 million passengers used the airport.¹¹ Only the large USA hubs carry more passengers and even when these are included Heathrow is still the fifth largest airport in the world.

In addition, London's position as a location of choice for financial command and control centres has given it highly developed, if unevenly-distributed, connectivity. In terms of top-end, high-speed Internet connections, it is among the best provided cities in the world with virtually the whole of the City wired up for high-speed Internet access.

Future success cannot be guaranteed...

Though London's Creative Industries have proven ability

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and great potential, their success is not guaranteed. In one sense, failure and success are both a part of what they do. There are probably no great triumphs without great disasters.

... and creativity and innovation involve risk

Creativity is synonymous with experimentation. To innovate constantly, the Creative Industries must take constant risks; they must try out new products, new styles, and new ideas. But at some point the consumers themselves eventually have their say; and no matter how well-researched the decisions, or well-crafted the formula for success, only then does the industry finally discover whether the idea will be successful.

Innovation also means that yesterday's good idea may be superseded. For example, the music industry is currently struggling with new technology – such as MP3 – that makes it easy to download music and evade copyright restrictions. The industry is fighting legal battles to protect its position, as with the Napster case, but it may be hard to maintain this position in the longer term. The future of the traditional recording company, which has existed since recordable media became feasible a century ago, is now in doubt.

The Creative Industries, like the dotcoms, are not immune from the fundamental laws of business – to succeed they must deliver what the customer wants, when they want it and

they must deliver it better than any competitor.

The very size of the industry is the basis for its sustainability...

Scale of production is one way the Creative Industries sector has begun to deal with risk. As can be seen from Hollywood, to be sustainable a creative industry must be large enough to live with failures. Once again, it is the very scale of service delivery in and from London that lays the basis for sustainable Creative Industries.

Although it is impossible to produce only successes, it is possible to create the general circumstances in which failure can be absorbed – and this can and should be, in itself, the way

London's capital
productive structure
resources it needs

Box 4.1 Italy or the UK? Manufacturing and sourcing in the UK fashion industry

'It is difficult to locate a good quality supplier in the UK not tied to volume, mainstream production and able to handle designer sampling and small runs. However 70 per cent of the companies questioned used UK manufacturers. The two reasons cited were that designers found it easier to exert control over production, and there aren't sufficient volumes to justify overseas manufacture. Only four companies said they manufactured solely abroad, saying that the quality of UK manufacture wasn't good enough. Of these, only Italy was mentioned as a source. The main problems experienced with factories were cited as follows: delivery times, failure to meet

agreed deadlines, not following instructions, quality control, poor communication, unexpected price changes, de-prioritising of work, poor finishing, machinery breakdown, using the wrong materials...

'[In Italy] many manufacturers afford a greater importance to designers. The majority of manufacturers, however, are small, some specialising in one brand. The relationship between designer and manufacturer is generally closer than in the UK. In Italy the clothing supplier as well as the designer has to know the market, production and cloth, etc. The designer focuses on design and leaves the brand development to the manufacturer. The textiles and clothing manufacturing industry in Italy appears more willing to

invest in designer companies, as they can see the benefit in terms of design, production and business. Manufacturers and designers collaborate and work together, and designers are part and parcel of Italian businesses. A great deal is invested in new technology by the manufacturer. The Italian designer industry has by far the largest and the most modern technological manufacturing base.

'Manufacturing in France and the USA as in the UK is not geared towards designers, which is why there appears to be a general trend emerging of manufacturing moving to Italy for designer wear.'

Taken from the British Fashion Designer Report (1998) by Susi Cheshire

to ensure the continued experimentation that guarantees the highest quality.

... yet London must continue to ensure that the conditions for success are in place

The key requirement is therefore to ensure that all the general requirements for a stable industry are present. The evidence suggests that if any is missing, an industry will face serious problems and will migrate elsewhere.

Box 4.1 cites the DTI's 1998 report on the British Fashion Designer Industry, which sheds light on the requirements of a modern creative industry. It clearly demonstrates that although London has succeeded in providing many of the conditions that permit Creative

Industries to prosper, when it fails to do so, it is possible to lose part or even all of its talent to a different location that does provide the key supply requirement of a particular industry – be it Italy for fashion, Hollywood for films, or New York for music.

The clear message that emerges is that in order to compete creative companies need to invest. They need to invest in skills – particularly business skills and market skills. They need to invest in research and development – to get ahead of the game. They need to invest in technology – the key to speed for just-in-time delivery and in the long run keeping costs down. These are some of the keys to future success.

References

- 6 The report of the LDA's Creative Industries Sector Commission, due in July 2003
- 7 Planning for London's Growth, GLA, 2002
- 8 British Council website – www.britishcouncil.org/multilingualuk/who.htm
- 9 London Skills Survey 2001, London Skills Forecasting Unit, March 2002
- 10 Cultural Trends 27, 1995 pp29–30
- 11 Civil Aviation Authority website – www.caa.co.uk

- The Creative Industries in London are relatively strongly clustered, though not to the same extent as financial services are in the City of London.
- Westminster has the largest and fastest growing cluster, with other poles of growth in the central London boroughs to the north and west, along a western corridor to Hounslow and to a lesser extent in the eastern and southern city fringes.
- However, the potential for future growth in the Creative Industries extends to every London borough, provided the right opportunities exist.

London's primary creative cluster is within the West End...

The Creative Industries in London are at present relatively strongly clustered, with the primary cluster in the West End, largely contained within the borough of Westminster (Table 5.1).

If we focus on the number of people working for firms classified as part of London's Creative Industries¹² then Westminster accounts for 23 per cent of the London total. In comparison, the City of London accounts for 46 per cent of the London total of Financial Services employee jobs.

To get a further sense of the extent of clustering, a third of the boroughs account for

71 per cent of Creative Industries employee jobs. The comparable figure for Financial Services is 86 per cent and for Business Services 68 per cent.

... with secondary clusters in West London and the City Fringe

The West End creative cluster extends northward into Camden and Islington (Table 5.1). Hammersmith and Fulham represents a slightly separate focus of Creative Industries employment, dominated by the BBC at White City. The City fringe boroughs (Southwark, Tower Hamlets and to a lesser extent Hackney) form another zone of Creative Industries clustering, whilst the City itself contains a cluster of the computer games, software and electronic publishing sector.

The focus of the final grouping of the Creative Industries is Hounslow, and in particular Heathrow Airport. From the airport into the centre of London there is a corridor of creative activity which includes the boroughs of Wandsworth, Richmond upon Thames and Ealing.

Greatest employee job increase has been taking place in Westminster...

Between 1995 and 2000 the biggest increase in the absolute number of employee jobs took place in Westminster (Chart 5.1).

In broad terms the main growth in jobs in the Creative Industries has been in the central boroughs to the north and west, as well as Hounslow and to a

Table 5.1 Creative Industries employee jobs by borough, 2000

City of Westminster	87,700	Richmond upon Thames	9,600	Sutton	4,400
Camden	38,900	Lambeth	9,300	Enfield	3,900
Hammersmith and Fulham	26,000	Ealing	8,500	Harrow	3,700
Islington	21,400	Croydon	8,300	Redbridge	3,400
Southwark	16,300	Barnet	7,600	Havering	2,500
Tower Hamlets	15,900	Kingston upon Thames	7,600	Waltham Forest	2,500
Hounslow	15,600	Hillingdon	7,200	Greenwich	2,200
City of London	15,600	Brent	6,300	Bexley	2,000
Kensington and Chelsea	13,200	Merton	5,800	Newham	1,900
Hackney	10,000	Bromley	5,700	Lewisham	1,900
Wandsworth	9,600	Haringey	5,000	Barking and Dagenham	1,000
		London Total			380,300

lesser extent in the Eastern and Southern city fringes. These are, on the whole, the boroughs that already had stronger concentrations of Creative Industries jobs, with the Western corridor and City fringe clusters emerging clearly.

... but Hounslow has seen the fastest growth

If we look at the rate of growth over the same period a slightly different picture emerges. Between 1995 and 2000 dramatic growth of 173 per cent took place in the Creative Industries in Hounslow, driven largely by the radio and TV, and computer games, software and electronic publishing industries (Box 5.1).

Whilst growth rates were substantial in most of the

boroughs with existing high concentrations of Creative Industries, sizeable growth rates were also apparent in some of the outer London boroughs with lower existing concentrations, such as Havering, Merton, Enfield, Barnet and Harrow.

This provides some strong indication that opportunities for Creative Industries growth do exist in a variety of boroughs throughout the capital. Indeed, looking in more detail at some of the sectoral changes by borough reveals some very varied growth patterns.

Advertising employment is growing rapidly in Westminster and Barnet...

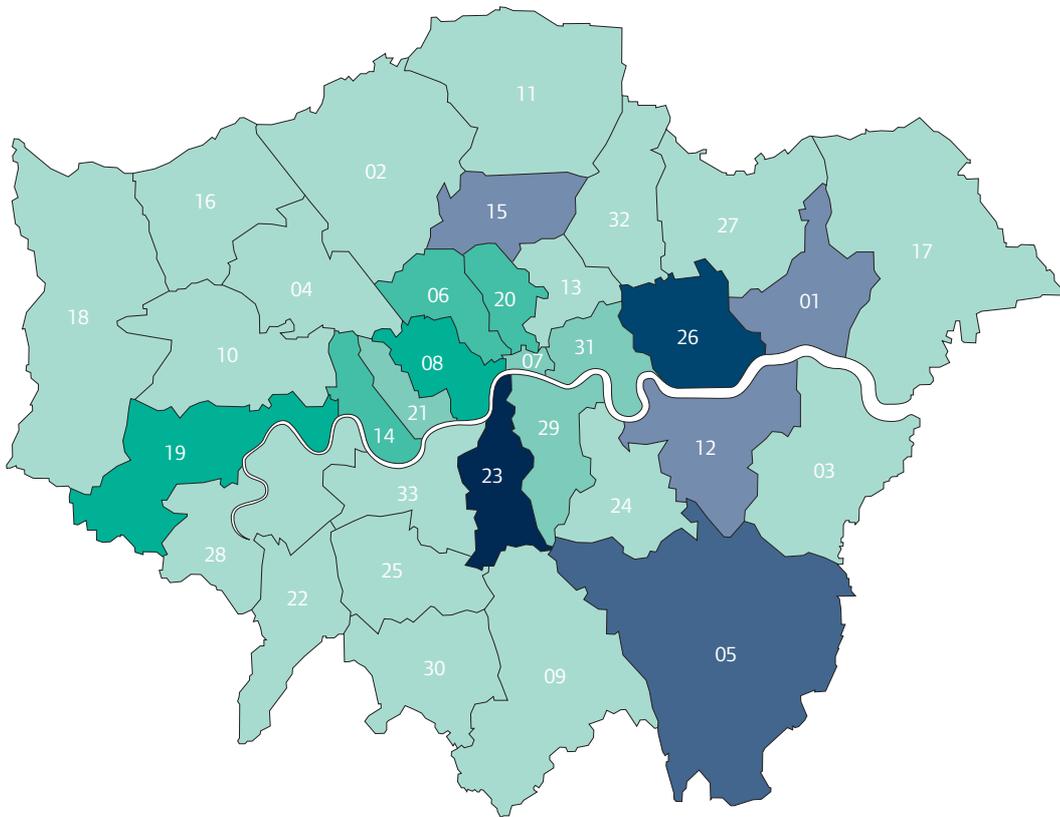
The pattern of change in employee jobs from 1995 to 2000 unsurprisingly shows that

advertising, the most geographically concentrated of the Creative Industries within the West End, has seen almost half its job growth within the borough of Westminster. However, intriguingly, the next largest growth in employee jobs has been in Barnet (Chart 5.2).

In contrast the City of London and Hounslow have driven growth in employment in computer games, software and electronic publishing (Chart 5.3).

Growth in fashion industry employment has taken place on an axis from the West End towards the southwest. The largest increases in employee jobs took place in Westminster, but there was also significant growth in Hammersmith and

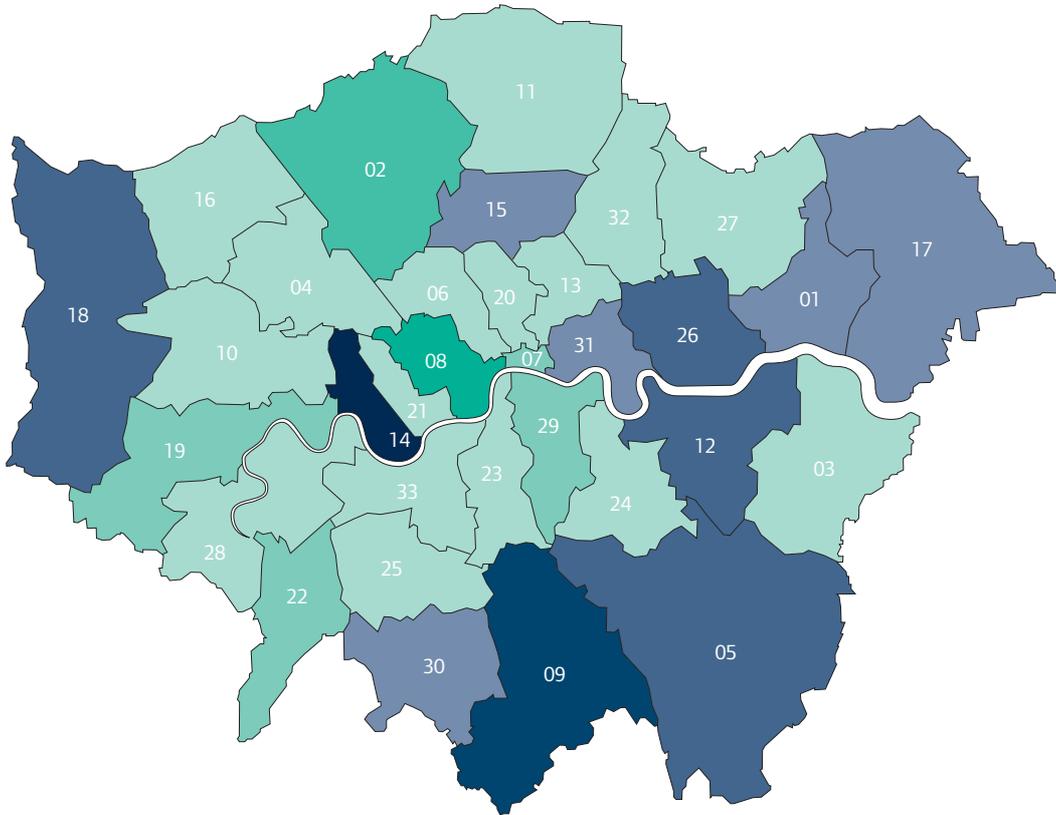
Chart 5.1 Change in total Creative Industries employee jobs, 1995–2000



Source: ONS, Annual Business Inquiry

01 Barking and Dagenham	18 Hillingdon	■ Quartile with the most growth
02 Barnet	19 Hounslow	■ Quartile 3 of growth
03 Bexley	20 Islington	■ Quartile 2 of growth
04 Brent	21 Kensington and Chelsea	■ Quartile 1 of growth
05 Bromley	22 Kingston upon Thames	■ Quartile 1 of decline
06 Camden	23 Lambeth	■ Quartile 2 of decline
07 City of London	24 Lewisham	■ Quartile 3 of decline
08 City of Westminster	25 Merton	■ Quartile with the greatest decline
09 Croydon	26 Newham	
10 Ealing	27 Redbridge	
11 Enfield	28 Richmond upon Thames	
12 Greenwich	29 Southwark	
13 Hackney	30 Sutton	
14 Hammersmith and Fulham	31 Tower Hamlets	
15 Haringey	32 Waltham Forest	
16 Harrow	33 Wandsworth	
17 Havering		

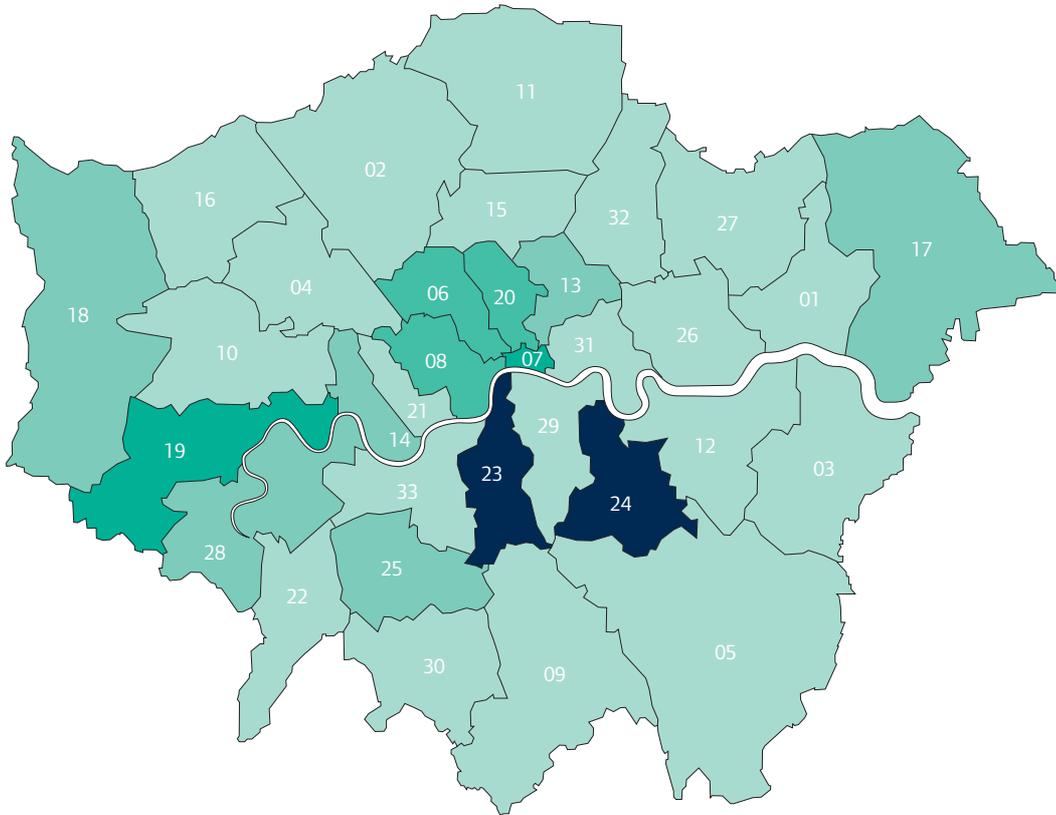
Chart 5.2 Change in advertising employee jobs, 1995–2000



Source: ONS, Annual Business Inquiry

- | | | |
|---------------------------|---------------------------|--------------------------------------|
| 01 Barking and Dagenham | 18 Hillingdon | ■ Quartile with the most growth |
| 02 Barnet | 19 Hounslow | ■ Quartile 3 of growth |
| 03 Bexley | 20 Islington | ■ Quartile 2 of growth |
| 04 Brent | 21 Kensington and Chelsea | ■ Quartile 1 of growth |
| 05 Bromley | 22 Kingston upon Thames | ■ Quartile 1 of decline |
| 06 Camden | 23 Lambeth | ■ Quartile 2 of decline |
| 07 City of London | 24 Lewisham | ■ Quartile 3 of decline |
| 08 City of Westminster | 25 Merton | ■ Quartile with the greatest decline |
| 09 Croydon | 26 Newham | |
| 10 Ealing | 27 Redbridge | |
| 11 Enfield | 28 Richmond upon Thames | |
| 12 Greenwich | 29 Southwark | |
| 13 Hackney | 30 Sutton | |
| 14 Hammersmith and Fulham | 31 Tower Hamlets | |
| 15 Haringey | 32 Waltham Forest | |
| 16 Harrow | 33 Wandsworth | |
| 17 Havering | | |

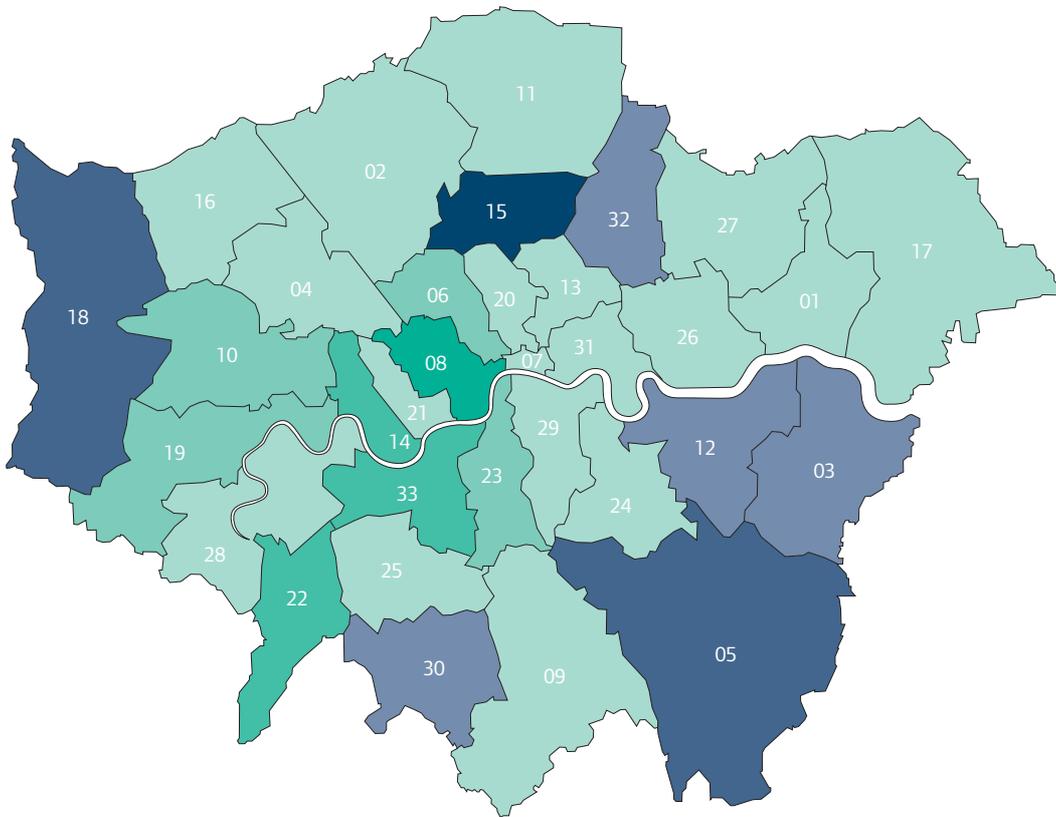
Chart 5.3 Change in computer games, software and electronic publishing employee jobs, 1995–2000



Source: ONS, Annual Business Inquiry

- Quartile with the most growth
- Quartile 3 of growth
- Quartile 2 of growth
- Quartile 1 of growth
- Decline

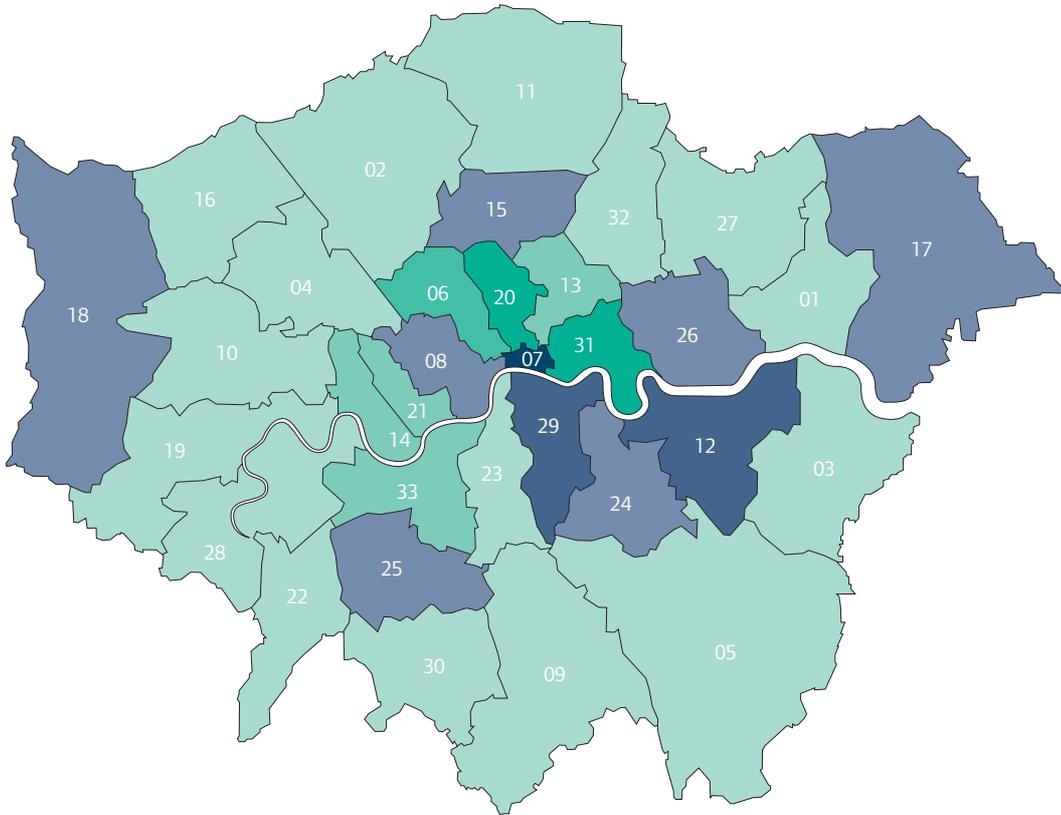
Chart 5.4 Change in fashion employee jobs, 1995–2000



Source: ONS, Annual Business Inquiry

- | | | |
|---------------------------|---------------------------|--------------------------------------|
| 01 Barking and Dagenham | 18 Hillingdon | ■ Quartile with the most growth |
| 02 Barnet | 19 Hounslow | ■ Quartile 3 of growth |
| 03 Bexley | 20 Islington | ■ Quartile 2 of growth |
| 04 Brent | 21 Kensington and Chelsea | ■ Quartile 1 of growth |
| 05 Bromley | 22 Kingston upon Thames | ■ Quartile 1 of decline |
| 06 Camden | 23 Lambeth | ■ Quartile 2 of decline |
| 07 City of London | 24 Lewisham | ■ Quartile 3 of decline |
| 08 City of Westminster | 25 Merton | ■ Quartile with the greatest decline |
| 09 Croydon | 26 Newham | |
| 10 Ealing | 27 Redbridge | |
| 11 Enfield | 28 Richmond upon Thames | |
| 12 Greenwich | 29 Southwark | |
| 13 Hackney | 30 Sutton | |
| 14 Hammersmith and Fulham | 31 Tower Hamlets | |
| 15 Haringey | 32 Waltham Forest | |
| 16 Harrow | 33 Wandsworth | |
| 17 Havering | | |

Chart 5.5 Change in publishing employee jobs, 1995–2000



Source: ONS, Annual Business Inquiry

- Quartile with the most growth
- Quartile 3 of growth
- Quartile 2 of growth
- Quartile 1 of growth
- Quartile 1 of decline
- Quartile 2 of decline
- Quartile 3 of decline
- Quartile with the greatest decline

Fulham, Wandsworth and Kingston-upon-Thames (Chart 5.4).

... whilst publishing has been leaving the City for the City Fringe

The location of the publishing industry within London has changed rapidly over recent years. The City of London has seen significant job losses in the publishing sector, though these have been more than replaced by increases in employment in the computer games, software and electronic publishing sector. Publishing jobs have continued to move out into the City fringe, primarily in Tower Hamlets, but also north to Islington and Camden and west to Hammersmith and Fulham, and Kensington and Chelsea (Chart 5.5).

Box 5.1 Heathrow and the western corridor

Heathrow Airport has recently been playing an important role in influencing the location of growth in the Creative Industries. The rapid growth apparent in Hounslow and along a western corridor into the West End across a variety of Creative Industries is largely due to the ease of access to international transport infrastructure, reflecting the continuing importance of face-to-face contact in industries – such as film, TV and music – that are becoming increasingly global.

The rapid development in the computer games, software and electronic publishing industries in Hounslow is part of a trend that has seen expansion in this sector along the M4 corridor out

of, as well as into, London.

Hammersmith and Fulham, the borough with the third largest number of Creative Industries jobs, has benefited greatly from its location between the West End and Heathrow. In addition to continued growth in employee jobs in the TV and radio sector as the BBC continues to consolidate on its White City sites, it has also seen growth in publishing, computer games, software and electronic publishing and fashion. Global creative companies in the borough include the Walt Disney Corporation, United International Pictures, EMI, Polygram UK and Harper Collins.

Even within neighbouring boroughs trends are highly contrasting. Creative Industries employment in Tower Hamlets is dominated by the publishing industry, while neighbouring Southwark has a much more diverse range. Southwark has been witnessing particularly strong growth in TV and radio and architecture.

Detailed analysis of particular sectoral and geographical trends such as these is of considerable interest, but involve a level of detail that is not within the remit of this report. Future work by GLA Economics will seek to analyse more deeply sectoral trends within London's Creative Industries.

Box 5.2 Modern art and the eastern City fringe

The area around the eastern fringes of the City of London is undergoing a transformation and the growing market for modern art has played an important role in making this happen. Artists started moving into Hoxton during the late 1980s and early 1990s when old warehouse spaces suitable for studios were available at cheap rents. Now, a cluster of around 80 commercial and non-commercial art galleries has become established in an area that stretches from Hoxton through Shoreditch to Whitechapel. The area includes the studios of some of the big names in contemporary art: Gilbert and George, Rachel Whiteread, Chris Ofili, Gillian Wearing, and Tracey Emin.

Around five years ago Hoxton gained wider recognition as the new focus of growth for London's art market. Regeneration has since been taking place at a rapid pace. However, fashionable bars, clubs, restaurants and residential redevelopments have stimulated increases in rents, which smaller gallery operators are now finding they cannot afford. As a result, activity is starting to shift towards the more affordable Mile End, Bow and Hackney Wick areas. Nevertheless, larger operations such as the White Cube in Hoxton Square are expanding, recognising the opportunities that are arising as awareness of the thriving art scene in East London widens, in particular to foreign visitors.

The Creative Industries should continue to grow...

With demand for leisure goods and services continuing to rise, the market for the products of the Creative Industries is unlikely to become saturated and indeed should continue to expand. Certain industries, such as advertising, may be particularly sensitive to the condition of the economy, but on the whole the dangers of over supply are low.

... and providing there are locations fulfilling particular industry needs...

Growth of an individual creative industry within a specific area of London is dependent on a variety of factors. The availability of suitable/ affordable office or industrial property (clearly the requirements of an artist studio or gallery are very different from those of a global music

corporation), an available local workforce with a suitable skill base, proximity to London's transport infrastructure (or in some cases access to global routes) and proximity to suppliers, are all of key importance.

... every London borough can benefit

But one of the key features of the Creative Industries is their variety and, whilst not every borough is likely to benefit from growth in the currently highly concentrated advertising industry, every borough can benefit from having a full range of cultural facilities and identifying what industry clusters, however small, have the potential to grow. It would therefore seem reasonable for all boroughs to develop Creative Strategies to make use of their local strengths.

Box 5.3 Employee jobs data only

The figures used in this section are for employee jobs only and therefore will underestimate employment in many Creative Industries, with craft, art and design most under-represented.

Reference

12 This does not cover self-employment and creative workers in non-creative firms



Section 5
Clustering and diversification
The spatial distribution of
London's Creative Industries



This report brings together evidence which suggests that the Creative Industries are London's 'next big thing'. Thirty years ago, the advent of computing and decent international telephone systems made possible the growth of financial and business services as a global marketplace. London's ability to innovate, its language, history and institutions, made it a centre for this growth, which has provided huge prosperity for the capital and seen it through the loss of manufacturing and the transition to a service economy.

London's innovative ability now appears to be taking a different turn, focusing on the need for increasing creative content across a wide range of products and services as consumers – and

businesses – look for greater differentiation and more rapid design and redesign. This report has shown how London has risen to the challenge of serving these growing markets.

It is not only UK consumers that want more creativity, it is also an international market. Just as London had the capacity to take advantage of the new markets in global finance and business, now it has to do the same in the Creative Industries.

It is crucial that this ability is not constrained. In a new market we do not know exactly what will be the most successful activity. The ability to experiment is crucial and the flexibility to make this possible is equally important. The parts of London where this is possible

will be able to make a contribution to the creation of new business sectors and activity.

Output

Table A1: Total output in Creative Industries, London (current £, millions)

	Advertising	Architecture	Arts/Antique Sales	Computer Games, Software, Electronic Publishing	Crafts	Design	Fashion	Music and the Visual and Performing Arts	Publishing	Radio and TV	Video, Film, Photography	Total	UK Creative Industries total
1995	1,111	1,249	211	1,326	na	na	2,829	1,256	2,550	1,341	383	12,258	46,473
2000	2,157	2,767	512	3,405	na	na	4,106	1,657	3,353	2,059	1,021	21,038	85,194
Average annual growth	14.18%	17.24%	19.43%	20.75%	na	na	7.74%	5.70%	5.63%	8.95%	21.65%	11.41%	12.89%

Source: Annual Business Inquiry and Office of National Statistics.

Table A2: Total output in Creative Industries, London (real 1995 £, millions)

	Advertising	Architecture	Arts/Antique Sales	Computer Games, Software, Electronic Publishing	Crafts	Design	Fashion	Music and the Visual and Performing Arts	Publishing	Radio and TV	Video, Film, Photography	Total	UK Creative Industries total
1995	1,111	1,249	211	1,326	na	na	2,829	1,256	2,550	1,341	383	12,258	46,473
2000	1,888	2,423	449	2,981	na	na	3,595	1,451	2,936	1,803	894	18,420	74,590
Average annual growth	11.19%	14.16%	16.30%	17.58%	na	na	4.91%	2.93%	2.86%	6.09%	18.46%	8.49%	9.92%

Source: Annual Business Inquiry, Office of National Statistics and International Monetary Fund.

Table A3: Total output in selected non-Creative Industries, London (current £, millions)

	Business services	Construction	Financial services	Health and Education	Hotels and restaurants	Manu- facturing	Primary and utilities	Public admin	Retail	Transport and comms	Wholesale	Other	Total	UK total
1995	19,128	3,665	11,763	9,785	3,557	11,929	1,954	5,282	4,790	9,603	6,892	6,252	94,600	639,908
2000	32,410	5,131	15,659	12,692	4,339	13,523	2,295	5,520	7,178	15,656	9,171	8,526	132,099	838,065
Average annual growth	11.12%	6.96%	5.89%	5.34%	4.06%	2.54%	3.27%	0.88%	8.43%	10.27%	5.88%	6.40%	6.91%	5.54%

Source: Cambridge Econometrics.

Table A4: Total output in selected non-Creative Industries, London (real 1995 £, millions)

	Business services	Construction	Financial services	Health and Education	Hotels and restaurants	Manu- facturing	Primary and utilities	Public admin	Retail	Transport and comms	Wholesale	Other	Total	UK total
1995	19,129	3,665	11,763	9,786	3,557	11,929	1,954	5,282	4,790	9,603	6,892	6,252	94,600	639,908
2000	28,376	4,492	13,710	11,113	3,799	11,840	2,009	4,833	6,284	13,707	8,029	7,465	115,657	733,748
Average annual growth	8.21%	4.15%	3.11%	2.58%	1.33%	-0.15%	0.56%	-1.76%	5.58%	7.38%	3.10%	3.61%	4.10%	2.77%

Source: Cambridge Econometrics and International Monetary Fund.

Table A5: Creative Industries output, London and the United Kingdom (real 1995 £, millions)

	1995	1996	1997	1998	1999	2000
London	12,258	13,802	15,603	16,458	16,920	18,420
United Kingdom	46,473	52,544	59,186	64,279	67,775	74,590

Source: GLA and ONS.

Productivity

Table A6: Productivity in Creative Industries, London (real 1995 £ per employee)

	Advertising	Architecture	Arts/Antique Sales	Computer Games, Software, Electronic Publishing	Crafts	Design	Fashion	Music and the Visual and Performing Arts	Publishing	Radio and TV	Video, Film, Photography	Average	UK Creative Industries average
1995	41,961	21,305	4,521	35,918	na	na	35,839	31,263	45,935	43,714	17,146	30,925	27,659
2000	49,325	40,936	8,269	47,393	na	na	34,551	32,615	46,421	51,188	30,977	37,552	34,621
Average annual growth	3.29%	13.95%	12.83%	5.70%	na	na	-0.73%	0.85%	0.21%	3.21%	12.56%	3.96%	4.59%

Source: Annual Business Inquiry, Office of National Statistics and International Monetary Fund.

Table A7: Productivity in selected non-Creative Industries, London (real 1995 £ per employee)

	Business services	Construction	Financial services	Health and Education	Hotels and restaurants	Manufacturing	Primary and utilities	Public admin	Retail	Transport and comms	Wholesale	Other	UK average
1995	22,096	17,647	47,985	17,969	14,393	38,938	74,416	23,159	12,785	30,238	28,691	22,340	24,173
2000	25,264	20,908	55,363	18,233	12,910	36,125	101,202	21,330	15,542	38,017	29,207	22,016	25,929
Average annual growth	2.72%	3.45%	2.90%	0.29%	-2.15%	-1.49%	6.34%	-1.63%	3.98%	4.69%	0.36%	-0.29%	1.41%

Source: Cambridge Econometrics and International Monetary Fund.

Employment

Table A8: Total jobs in Creative Industries, London

		Advertising	Architecture	Arts/Antique Sales	Computer Games, Software, Electronic Publishing	Crafts	Design	Fashion	Music and the Visual and Performing Arts	Publishing	Radio and TV	Video, Film, Photography	Total
1995	Industry employment	26,500	58,600	2,300	36,900	na	na	49,100	40,200	55,500	30,700	22,400	322,200
	Non-industry occupations	13,700	1,100	na	27,500	10,700	6,900	600	7,900	20,300	700	2,600	91,900
	Total	40,200	59,700	2,300	64,500	10,700	6,900	49,700	48,000	75,800	31,400	25,000	414,200
2000	Industry employment	38,300	59,200	2,700	62,900	na	na	59,400	44,500	63,200	35,200	28,900	394,300
	Non-industry occupations	13,400	1,300	na	54,900	10,200	10,400	700	11,100	26,200	400	2,500	131,100
	Total	51,700	60,500	2,700	117,800	10,200	10,400	60,000	55,500	89,500	35,700	31,400	525,400
Average annual growth		5.15%	0.25%	3.07%	12.82%	-0.90%	8.50%	3.84%	2.95%	3.38%	2.60%	4.67%	4.87%

Source: Annual Business Inquiry and Labour Force Survey. NB Totals may not sum as a result of rounding

Table A9: Total industry employment in selected non-Creative Industries, London

	Business services	Construction	Financial services	Health and Education	Hotels and restaurants	Manufacturing	Primary and utilities	Public administration	Retail	Transport and communications	Wholesale	Total	London total
1995	865,700	207,700	245,100	544,600	247,100	306,400	26,300	228,100	374,600	317,600	240,200	3,603,400	3,897,100
2000	1,123,200	214,900	247,600	609,500	294,300	327,700	19,900	226,600	404,400	360,600	274,900	4,103,600	4,453,400
Average annual growth	5.35%	0.68%	0.20%	2.28%	3.56%	1.35%	-5.42%	-0.13%	1.54%	2.57%	2.74%	2.63%	2.70%

Source: Cambridge Econometrics.

Table A10: Total regional industry employment in Creative Industries, United Kingdom

		Advertising	Architecture	Arts/Antique Sales	Computer Games, Software, Electronic Publishing	Crafts	Design	Fashion	Music and the Visual and Performing Arts	Publishing	Radio and TV	Video, Film, Photography	Total
1995	East Midlands												
	Industry employment	2,000	21,200	900	8,400	na	na	74,000	5,700	6,400	1,300	2,300	122,300
	Non-industry occupations	2,900	900	na	10,800	12,800	2,700	800	6,100	15,500	2,100	1,300	55,900
	<i>Total</i>	<i>5,000</i>	<i>22,100</i>	<i>900</i>	<i>19,200</i>	<i>12,800</i>	<i>2,700</i>	<i>74,800</i>	<i>11,800</i>	<i>21,900</i>	<i>3,400</i>	<i>3,600</i>	<i>178,200</i>
	Eastern												
	Industry employment	4,200	29,700	1,300	20,800	na	na	18,400	7,800	11,400	1,900	4,900	100,400
	Non-industry occupations	4,200	2,400	na	19,200	11,500	5,000	0	8,600	12,700	2,400	700	66,700
	<i>Total</i>	<i>8,300</i>	<i>32,100</i>	<i>1,300</i>	<i>40,000</i>	<i>11,500</i>	<i>5,000</i>	<i>18,400</i>	<i>16,500</i>	<i>24,100</i>	<i>4,200</i>	<i>5,600</i>	<i>167,100</i>
	London												
	Industry employment	26,500	58,600	2,300	36,900	na	na	49,100	40,200	55,500	30,700	22,400	322,200
	Non-industry occupations	13,700	1,100	na	27,500	10,700	6,900	600	7,900	20,300	700	2,600	91,900
	<i>Total</i>	<i>40,200</i>	<i>59,700</i>	<i>2,300</i>	<i>64,500</i>	<i>10,700</i>	<i>6,900</i>	<i>49,700</i>	<i>48,000</i>	<i>75,800</i>	<i>31,400</i>	<i>25,000</i>	<i>414,200</i>
	North East												
	Industry employment	1,000	14,500	500	2,400	na	na	16,700	3,000	2,500	900	1,200	42,700
	Non-industry occupations	1,400	1,000	na	5,200	3,700	1,500	0	1,800	6,700	0	500	21,800
	<i>Total</i>	<i>2,400</i>	<i>15,500</i>	<i>500</i>	<i>7,600</i>	<i>3,700</i>	<i>1,500</i>	<i>16,700</i>	<i>4,800</i>	<i>9,200</i>	<i>900</i>	<i>1,700</i>	<i>64,500</i>
	North West												
	Industry employment	7,900	40,800	1,800	12,600	na	na	37,800	10,900	10,100	3,000	4,800	129,700
	Non-industry occupations	3,400	1,600	na	16,300	8,200	4,200	0	6,100	16,400	1,600	2,200	59,900
<i>Total</i>	<i>11,300</i>	<i>42,400</i>	<i>1,800</i>	<i>28,900</i>	<i>8,200</i>	<i>4,200</i>	<i>37,800</i>	<i>17,100</i>	<i>26,500</i>	<i>4,600</i>	<i>7,000</i>	<i>189,700</i>	
Scotland													
Industry employment	2,100	38,400	1,700	6,000	na	na	30,500	11,500	8,000	3,000	4,100	105,400	
Non-industry occupations	1,500	2,700	na	9,400	8,100	1,500	0	6,200	15,600	900	1,500	47,400	
<i>Total</i>	<i>3,600</i>	<i>41,100</i>	<i>1,700</i>	<i>15,300</i>	<i>8,100</i>	<i>1,500</i>	<i>30,500</i>	<i>17,700</i>	<i>23,600</i>	<i>3,900</i>	<i>5,600</i>	<i>152,800</i>	
South East													
Industry employment	12,600	61,000	2,200	45,900	na	na	22,100	15,200	17,500	2,900	7,100	186,400	
Non-industry occupations	7,400	3,200	na	31,500	16,100	6,900	0	8,000	23,500	2,800	1,700	101,200	
<i>Total</i>	<i>20,000</i>	<i>64,200</i>	<i>2,200</i>	<i>77,400</i>	<i>16,100</i>	<i>6,900</i>	<i>22,100</i>	<i>23,300</i>	<i>40,900</i>	<i>5,700</i>	<i>8,700</i>	<i>287,600</i>	
South West													
Industry employment	3,700	25,700	1,300	12,500	na	na	19,600	7,800	8,900	3,400	4,700	87,600	
Non-industry occupations	2,000	4,700	na	17,800	14,200	1,500	0	5,200	16,300	3,000	1,300	65,900	
<i>Total</i>	<i>5,700</i>	<i>30,400</i>	<i>1,300</i>	<i>30,300</i>	<i>14,200</i>	<i>1,500</i>	<i>19,600</i>	<i>13,000</i>	<i>25,200</i>	<i>6,400</i>	<i>6,000</i>	<i>153,600</i>	
Wales													
Industry employment	600	10,900	500	2,300	na	na	10,200	4,900	3,100	2,000	1,300	35,600	
Non-industry occupations	1,400	1,700	na	4,000	5,300	1,200	0	3,000	7,800	1,800	2,100	28,300	
<i>Total</i>	<i>1,900</i>	<i>12,600</i>	<i>500</i>	<i>6,300</i>	<i>5,300</i>	<i>1,200</i>	<i>10,200</i>	<i>8,000</i>	<i>10,900</i>	<i>3,700</i>	<i>3,500</i>	<i>63,900</i>	
West Midlands													
Industry employment	3,900	27,500	1,200	12,400	na	na	20,500	7,900	5,900	2,900	4,100	86,400	
Non-industry occupations	2,200	2,700	na	10,200	24,400	3,300	200	2,700	15,600	2,600	300	64,000	
<i>Total</i>	<i>6,000</i>	<i>30,200</i>	<i>1,200</i>	<i>22,600</i>	<i>24,400</i>	<i>3,300</i>	<i>20,700</i>	<i>10,600</i>	<i>21,500</i>	<i>5,400</i>	<i>4,400</i>	<i>150,400</i>	
Yorkshire and the Humber													
Industry employment	3,000	20,200	1,100	7,800	na	na	24,700	7,700	8,900	2,000	3,500	79,000	
Non-industry occupations	1,500	1,500	na	9,500	14,200	4,100	0	9,100	16,000	1,000	800	57,600	
<i>Total</i>	<i>4,500</i>	<i>21,700</i>	<i>1,100</i>	<i>17,300</i>	<i>14,200</i>	<i>4,100</i>	<i>24,700</i>	<i>16,800</i>	<i>24,900</i>	<i>3,000</i>	<i>4,300</i>	<i>136,600</i>	
Total													
Industry employment	67,400	348,500	14,700	167,900	na	na	323,600	122,700	138,300	54,000	60,500	1,297,800	
Non-industry occupations	41,600	23,500	na	161,400	129,200	38,800	1,600	64,800	166,100	18,800	15,000	660,700	
<i>Total</i>	<i>109,000</i>	<i>372,000</i>	<i>14,700</i>	<i>329,300</i>	<i>129,200</i>	<i>38,800</i>	<i>325,200</i>	<i>187,500</i>	<i>304,500</i>	<i>72,800</i>	<i>75,500</i>	<i>1,958,500</i>	

NB Totals may not sum as a result of rounding

Table A10: continued

		Advertising	Architecture	Arts/Antique Sales	Computer Games, Software, Electronic Publishing	Crafts	Design	Fashion	Music and the Visual and Performing Arts	Publishing	Radio and TV	Video, Film, Photography	Total
2000	East Midlands												
	Industry employment	2,500	15,700	1,200	10,800	na	na	52,900	5,800	6,500	1,400	2,900	99,600
	Non-industry occupations	2,000	600	na	20,000	10,000	4,100	800	3,200	14,300	1,300	1,300	57,600
	<i>Total</i>	<i>4,500</i>	<i>16,300</i>	<i>1,200</i>	<i>30,800</i>	<i>10,000</i>	<i>4,100</i>	<i>53,700</i>	<i>9,000</i>	<i>20,800</i>	<i>2,700</i>	<i>4,200</i>	<i>157,200</i>
	Eastern												
	Industry employment	5,300	27,400	1,600	30,200	na	na	16,600	10,600	12,600	2,000	5,900	112,300
	Non-industry occupations	4,100	2,600	na	32,200	9,500	6,600	0	7,900	11,900	2,300	800	77,800
	<i>Total</i>	<i>9,400</i>	<i>30,000</i>	<i>1,600</i>	<i>62,400</i>	<i>9,500</i>	<i>6,600</i>	<i>16,600</i>	<i>18,500</i>	<i>24,500</i>	<i>4,300</i>	<i>6,700</i>	<i>190,100</i>
	London												
	Industry employment	38,300	59,200	2,700	62,900	na	na	59,400	44,500	63,200	35,200	28,900	394,300
	Non-industry occupations	13,400	1,300	na	54,900	10,200	10,400	700	11,100	26,200	400	2,500	131,100
	<i>Total</i>	<i>51,700</i>	<i>60,500</i>	<i>2,700</i>	<i>117,800</i>	<i>10,200</i>	<i>10,400</i>	<i>60,100</i>	<i>55,500</i>	<i>89,500</i>	<i>35,700</i>	<i>31,400</i>	<i>525,400</i>
	North East												
	Industry employment	1,500	12,100	600	5,000	na	na	9,500	2,300	2,500	1,500	1,800	36,900
	Non-industry occupations	1,400	600	na	10,800	4,100	2,900	0	1,900	4,700	0	700	27,200
	<i>Total</i>	<i>2,900</i>	<i>12,700</i>	<i>600</i>	<i>15,800</i>	<i>4,100</i>	<i>2,900</i>	<i>9,500</i>	<i>4,300</i>	<i>7,200</i>	<i>1,500</i>	<i>2,500</i>	<i>64,100</i>
	North West												
	Industry employment	7,800	34,700	1,900	20,600	na	na	29,100	11,500	11,100	3,800	5,800	126,300
	Non-industry occupations	4,300	1,300	na	27,800	12,700	5,800	0	8,800	12,400	2,700	2,500	78,300
<i>Total</i>	<i>12,100</i>	<i>35,900</i>	<i>1,900</i>	<i>48,400</i>	<i>12,700</i>	<i>5,800</i>	<i>29,100</i>	<i>20,200</i>	<i>23,400</i>	<i>6,500</i>	<i>8,300</i>	<i>204,600</i>	
Scotland													
Industry employment	3,800	33,800	1,400	16,700	na	na	19,900	7,700	9,100	8,400	4,100	104,900	
Non-industry occupations	3,100	2,600	na	18,700	5,400	1,700	0	6,300	10,000	1,200	1,500	50,600	
<i>Total</i>	<i>7,000</i>	<i>36,400</i>	<i>1,400</i>	<i>35,400</i>	<i>5,400</i>	<i>1,700</i>	<i>19,900</i>	<i>14,000</i>	<i>19,100</i>	<i>9,600</i>	<i>5,600</i>	<i>155,500</i>	
South East													
Industry employment	22,300	52,900	2,800	80,000	na	na	32,100	20,400	21,400	3,800	9,900	245,600	
Non-industry occupations	8,800	3,500	na	58,300	15,400	7,700	0	9,500	20,900	2,000	1,900	128,000	
<i>Total</i>	<i>31,100</i>	<i>56,400</i>	<i>2,800</i>	<i>138,300</i>	<i>15,400</i>	<i>7,700</i>	<i>32,100</i>	<i>29,900</i>	<i>42,300</i>	<i>5,800</i>	<i>11,800</i>	<i>373,600</i>	
South West													
Industry employment	4,500	19,400	1,700	15,800	na	na	12,900	10,100	10,500	4,300	6,200	85,400	
Non-industry occupations	2,500	4,200	na	29,300	12,900	2,600	0	5,700	14,300	2,200	1,300	75,000	
<i>Total</i>	<i>7,000</i>	<i>23,600</i>	<i>1,700</i>	<i>45,100</i>	<i>12,900</i>	<i>2,600</i>	<i>12,900</i>	<i>15,800</i>	<i>24,700</i>	<i>6,600</i>	<i>7,400</i>	<i>160,300</i>	
Wales													
Industry employment	700	9,100	700	3,000	na	na	8,400	5,600	3,200	2,100	1,800	34,600	
Non-industry occupations	2,300	2,300	na	8,200	5,400	1,700	0	4,500	7,200	1,900	1,500	35,000	
<i>Total</i>	<i>3,000</i>	<i>11,400</i>	<i>700</i>	<i>11,200</i>	<i>5,400</i>	<i>1,700</i>	<i>8,400</i>	<i>10,000</i>	<i>10,400</i>	<i>4,100</i>	<i>3,300</i>	<i>69,600</i>	
West Midlands													
Industry employment	4,400	21,000	1,500	18,100	na	na	18,000	8,600	6,700	3,400	4,100	85,800	
Non-industry occupations	3,800	1,700	na	22,000	24,200	4,400	200	3,400	15,700	1,500	400	77,400	
<i>Total</i>	<i>8,200</i>	<i>22,700</i>	<i>1,500</i>	<i>40,100</i>	<i>24,200</i>	<i>4,400</i>	<i>18,300</i>	<i>12,100</i>	<i>22,500</i>	<i>4,900</i>	<i>4,400</i>	<i>163,200</i>	
Yorkshire and the Humber													
Industry employment	3,700	18,400	1,300	11,500	na	na	19,700	8,000	10,800	2,200	4,000	79,600	
Non-industry occupations	2,500	2,100	na	17,500	11,000	5,600	0	7,000	17,800	2,300	500	66,400	
<i>Total</i>	<i>6,200</i>	<i>20,600</i>	<i>1,300</i>	<i>29,000</i>	<i>11,000</i>	<i>5,600</i>	<i>19,700</i>	<i>15,000</i>	<i>28,600</i>	<i>4,500</i>	<i>4,500</i>	<i>146,100</i>	
Total													
Industry employment	94,800	303,500	17,500	274,600	na	na	278,600	135,100	157,600	68,300	75,300	1,405,400	
Non-industry occupations	48,300	22,800	na	299,700	120,900	53,400	1,700	69,200	155,500	17,900	14,900	804,300	
<i>Total</i>	<i>143,100</i>	<i>326,300</i>	<i>17,500</i>	<i>574,300</i>	<i>120,900</i>	<i>53,400</i>	<i>280,300</i>	<i>204,300</i>	<i>313,100</i>	<i>86,200</i>	<i>90,200</i>	<i>2,209,600</i>	

Source: Annual Business Inquiry and Labour Force Survey.

Expenditure

Table A11: Average weekly household expenditure on selected categories (contant 2000 £)

	1974	1976	1978	1980	1982	1984	1986	1988	1990	1992	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01
Clothing and footwear	25.55	21.05	22.83	22.59	20.06	20.94	23.13	23.27	21.78	20.28	20.18	20.30	20.86	21.90	22.72	21.59	21.98
Housing	38.78	38.86	39.97	41.61	46.15	45.40	51.41	57.37	60.35	58.61	54.68	55.56	54.59	55.51	59.79	58.74	63.92
Food	68.84	64.81	65.02	63.19	58.36	59.30	60.09	61.35	60.88	58.99	59.40	61.72	62.56	61.57	61.63	61.39	61.93
Fuel and power	14.76	14.89	16.03	15.45	17.29	17.77	17.92	16.79	15.10	16.11	15.25	14.64	14.79	13.55	12.22	11.68	11.88
Leisure goods and services	29.70	26.50	27.24	30.35	32.38	33.53	37.32	44.52	44.59	50.59	53.11	53.87	56.60	61.32	62.51	64.36	70.36
Motoring	30.18	27.00	29.16	32.94	33.42	35.94	36.46	40.56	45.96	44.13	42.60	43.61	46.97	50.98	54.13	54.13	55.09
Total	207.81	193.12	200.24	206.13	207.66	212.89	226.32	243.86	248.67	248.73	245.22	249.69	256.38	264.83	273.00	271.90	285.16

Source: Office of National Statistics.

Table A12: UK international trade of services 2000-01 (current £million)

		1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Advertising & market research	Exports	369	489	536	596	633	717	1,022	1,087	1,082	1,373	1,463
	Imports	210	305	379	406	443	493	460	540	667	759	775
Audiovisual & related services	Exports	247	305	401	397	499	496	613	621	691	936	895
	Imports	160	147	227	323	420	466	472	436	523	536	533
Business services	Exports	6,566	8,247	8,702	10,028	10,906	13,661	14,527	17,799	19,683	21,605	23,082
	Imports	3,046	3,896	4,702	5,266	5,855	6,938	6,225	7,848	9,527	11,299	10,269
Computer and information services	Exports	422	469	563	770	795	1,090	1,257	1,735	2,308	2,539	2,408
	Imports	121	173	211	253	293	333	405	451	623	806	784
Financial services	Exports	3,668	4,336	4,851	5,733	5,591	6,580	8,223	8,422	9,979	12,802	12,988
	Imports	645	694	837	1,118	1,073	1,359	1,550	1,662	2,002	2,783	3,032
Total services	Exports	32,001	36,228	41,411	45,365	49,932	55,895	59,699	64,745	70,443	77,199	76,807
	Imports	27,899	30,746	34,830	38,986	41,451	46,298	47,171	52,079	58,649	65,361	65,734

Source: Office of National Statistics

Table A13: UK advertising expenditure (constant 1995 £billion)

Expenditure	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
	9.5	9.5	9.7	10.5	11.0	11.8	12.6	13.2	13.9	14.9

Source: The Advertising Association.

Other statistics

Table A14: UK cinema admissions (million)

Admissions	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
	101.0	86.0	64.0	65.7	54.0	72.0	75.5	78.5	84.0	94.5	97.4	100.3	103.6	114.4	123.5	114.6	123.8	139.3	135.5	139.8	142.5

Source: Screen Digest, Screen Finance and British Film Institute.

Table A15: Enterprise size, 2000 (number of employees per enterprise unit)

	Advertising	Architecture	Arts/Antique Sales	Computer Games, Software, Electronic Publishing	Crafts	Design	Fashion	Music and the Visual and Performing Arts	Publishing	Radio and TV	Video, Film, Photography	Total Creative Industries
Total growth	7.64	21.64	6.67	128.68	na	na	36.13	3.92	20.49	319.07	1.56	11.37

Source: Annual Business Inquiry and Labour Force Survey.

Table A16: Capital intensity, 2000 (net capital acquisitions per employee, £thousand)

	Advertising	Architecture	Arts/Antique Sales	Computer Games, Software, Electronic Publishing	Crafts	Design	Fashion	Music and the Visual and Performing Arts	Publishing	Radio and TV	Video, Film, Photography	Total Creative Industries
Total growth	3.79	2.03	1.83	3.31	na	na	3.4	2.86	2.35	7.19	6.13	3.19

Source: Annual Business Inquiry.

Table A17: Total population, London and the United Kingdom

	1995	1996	1997	1998	1999	2000
London	7,007,000	7,074,000	7,122,000	7,187,000	7,303,000	7,357,000
United Kingdom	56,957,000	57,138,000	57,334,000	57,548,000	57,809,000	58,058,000

Source: GLA and ONS.

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