

# Cities Outlook 1901: Methodology

This methodological note sets out further details about the data presented in Cities Outlook 1901. The full Cities Outlook 1901 report is available from [www.centreforcities.org/outlook1901](http://www.centreforcities.org/outlook1901)

## Census indicators

### 1. Earnings

The 1911 Census is used to measure the proportion of employment in high wage occupations as it provides a more detailed occupational breakdown. The occupational classification used in the 1911 Census can be cross-referenced with Routh's study on historic occupational pay structures.<sup>1</sup>

### 2. Property values

Property values are collated from the Local Taxation Returns 1901. Data provided refers to the gross value or gross rental value of property (£) within a local area. Figures are available for total property within a city or town. As a result, population figures are used to account for city size.

Where data is not available at County Borough level, the nearest Poor Law Union district is used. These include: Aldershot, Barnsley, Blackpool, Cambridge, Chatham, Crawley, Doncaster, Luton, Mansfield, Peterborough, Portsmouth, Southend, Stoke, Swindon, Wakefield and Worthing.

### 3. City indices

The 1901 City Index is calculated based on a selection of the indicators presented in this section:

- Proportion of members claiming donation benefit, 1901
- Gross estimated rental value per capita, 1901
- Ratio of manufacturing to service employment, 1901

- Joint Stock Company Registrations per 100,000 People, 1901
- Proportion of male workforce employed as professionals, 1901

The 2011 City Index is based on:

- Jobseeker's Allowance (JSA) claimant rates, 2011
- Proportion of resident population with NVQ 4 level qualifications and above, 2010
- Business start-up rates per 10,000 pop, 2010
- Average house price, 2010
- Ratio of manufacturing to knowledge-intensive service employment, 2010

All data included in the indices has been normalised using the mean and standard deviation. An equally weighted average was then used to compile the indices and each is presented as a percentage rank.

## Definitions of Primary Urban Areas in 1901

The analysis in this report uses data for Primary Urban Areas (PUA). The boundaries for the 1901 Primary Urban Areas (PUAs) are defined in a similar way to current PUA boundaries, using population size and density. The definitions also take account of the contiguous built-up area using detailed population and Ordnance Survey maps.

Of the current PUAs across England and Wales, 57 of the 59 existed as towns or cities and are included in the analysis. Telford and Milton Keynes were built as New Towns in the 1960s.

1. Routh G (1980) *Occupation and Pay in Great Britain, 1906-79*, Cambridge University Press: Cambridge

**Table 1:**  
**Primary Urban Areas in 1901**

### Wales

Cardiff	Cardiff
Newport	Newport
Swansea	Swansea

### England

Aldershot	Aldershot
Barnsley	Barnsley
Birkenhead	Birkenhead
Birmingham	Birmingham, Smethwick
Blackburn	Blackburn
Blackpool	Blackpool
Bolton	Bolton
Bournemouth	Bournemouth
Bradford	Bradford
Brighton	Brighton, Hove
Bristol	Bristol
Burnley	Burnley
Cambridge	Cambridge
Chatham	Chatham, Gillingham, Rochester
Coventry	Coventry
Crawley	Crawley
Derby	Derby
Doncaster	Doncaster
Gloucester	Gloucester
Grimsby	Grimsby
Hastings	Hastings
Huddersfield	Huddersfield
Hull	Kingston Upon Hull
Ipswich	Ipswich
Leeds	Leeds
Leicester	Leicester
Liverpool	Bootle, Liverpool

London	Battersea, Bermondsey, Bethnal Green, Camberwell, Chelsea, City of London, Deptford, Finsbury, Fulham, Greenwich, Hackney, Hammersmith, Hampstead, Holborn, Hornsey, Islington, Kensington, Lambeth, Lewisham, Old Brentford, Paddington, Poplar, Shoreditch, Southwark, St. Marylebone, St. Pancras, Stepney, Stoke Newington, Tottenham, Walthamstow, Wandsworth, West Ham, Westminster, Willesden, Woolwich
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Luton	Luton
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Manchester	Manchester, Salford, Stockport
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Mansfield	Mansfield
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Middlesbrough	Middlesbrough
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Newcastle	Newcastle Upon Tyne, Gateshead
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Northampton	Northampton
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Norwich	Norwich
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Nottingham	Nottingham
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Oxford	Oxford
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Peterborough	Peterborough
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Plymouth	Plymouth
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Portsmouth	Portsmouth
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Preston	Preston
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Reading	Reading
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Sheffield	Sheffield
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Southampton	Southampton
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Southend	Southend on Sea
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Sunderland	Sunderland
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Swindon	Swindon
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Wakefield	Wakefield
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Warrington	Warrington
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Wigan	Wigan
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Worthing	Worthing
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York	York
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