

Directorate of Public Health

Briefing Paper

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Ref No:

Deprivation – an overview

1 Purpose

To provide an overview of:

- What deprivation is
- How it's measured
- The Bolton picture
- Where to find out more

2 Background

'Deprivation' refers to unmet needs caused by a lack of resources of all kinds, not just financial. The Index of Multiple Deprivation (IMD) from the English Indices of Deprivation (IoD) suite is the main measure of relative deprivation across England.

The IoD provides a set of relative measures of deprivation for small areas across England, based on seven different domains of deprivation: Income; Employment; Education, skills and training; Health deprivation and disability; Crime; Barriers to housing and services; and Living environment. Each domain is made up of a basket of indicators or datasets available at small area level, e.g. Adults and children in Income Support families (income); Claimants of Carer's Allowance (employment); Mood and anxiety disorders (health); Road distance to a post office (barriers to housing and services). Combining information from the seven domains produces an overall relative measure of deprivation, the Index of Multiple Deprivation (IMD) which is the most widely used of the IoD. Figure 1 (page 3) shows the distinct domains and their contribution to the overall IMD. Indices of income deprivation as they particularly affect children and older people are also available.

3 Key Information

IMD is calculated for small areas (Lower Super Output Areas - LSOAs) but can be combined to larger geographies such as local authority areas. According to the latest release (IMD 2019) Bolton is ranked the 34th most deprived local authority in the country (out of 317). Within Greater Manchester, Bolton is around average for the conurbation.

The IMD ranks every LSOA (a small administrative geography) in England from 1 (most deprived area) to 32,844 (least deprived area). It is common to describe how relatively deprived a small area is by saying whether it falls among the most deprived 10%, 20% or 30% of small areas in England (although there is no definitive cut-off at which an area is described as 'deprived'). Of Bolton's LSOAs 42 (24%) rank within the 10% most deprived in the country. Using 2020 population estimates, 26% of the Bolton population live in an area that is among the 10% most deprived nationally, while 56% of the population live in an area that is among the 30% most deprived nationally. At the other end of the spectrum, 4% of the Bolton population live in an area that is among the 10% *least* deprived nationally. Figure 2 (page 3) shows the areas in Bolton that are among the most and least deprived nationally.

There are substantial health inequalities between people from different deprivation groups. In Bolton, male life expectancy at birth is 82.7 for those from the least deprived areas, compared with 72.3 for those from the most deprived areas (10.4 years difference). Female life expectancy at birth is 86.1 for those from the least deprived areas, compared with 75.6 for those from more deprived areas (10.5 years difference)¹.

4 Next Steps

Bolton's JSNA has more information and further links on deprivation

<https://www.boltonjsna.org.uk/deprivation>

Concentra produced a number of dashboards for comparing relative deprivation of local authorities and small areas <https://tabsoft.co/3wfl2km>

Mapping GM provides interactive maps of IMD with ward boundaries <https://bit.ly/3QWctmk>

¹ OHID. 2018-2020. <https://analytics.phe.gov.uk/apps/health-inequalities-dashboard/>

Figure 1: The seven domains in the overall Index of Multiple Deprivation, sized by their contribution to the overall index²

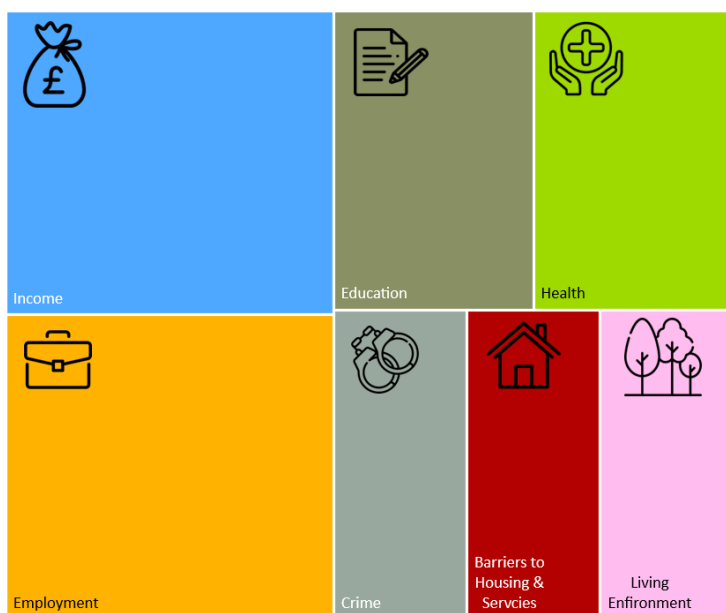
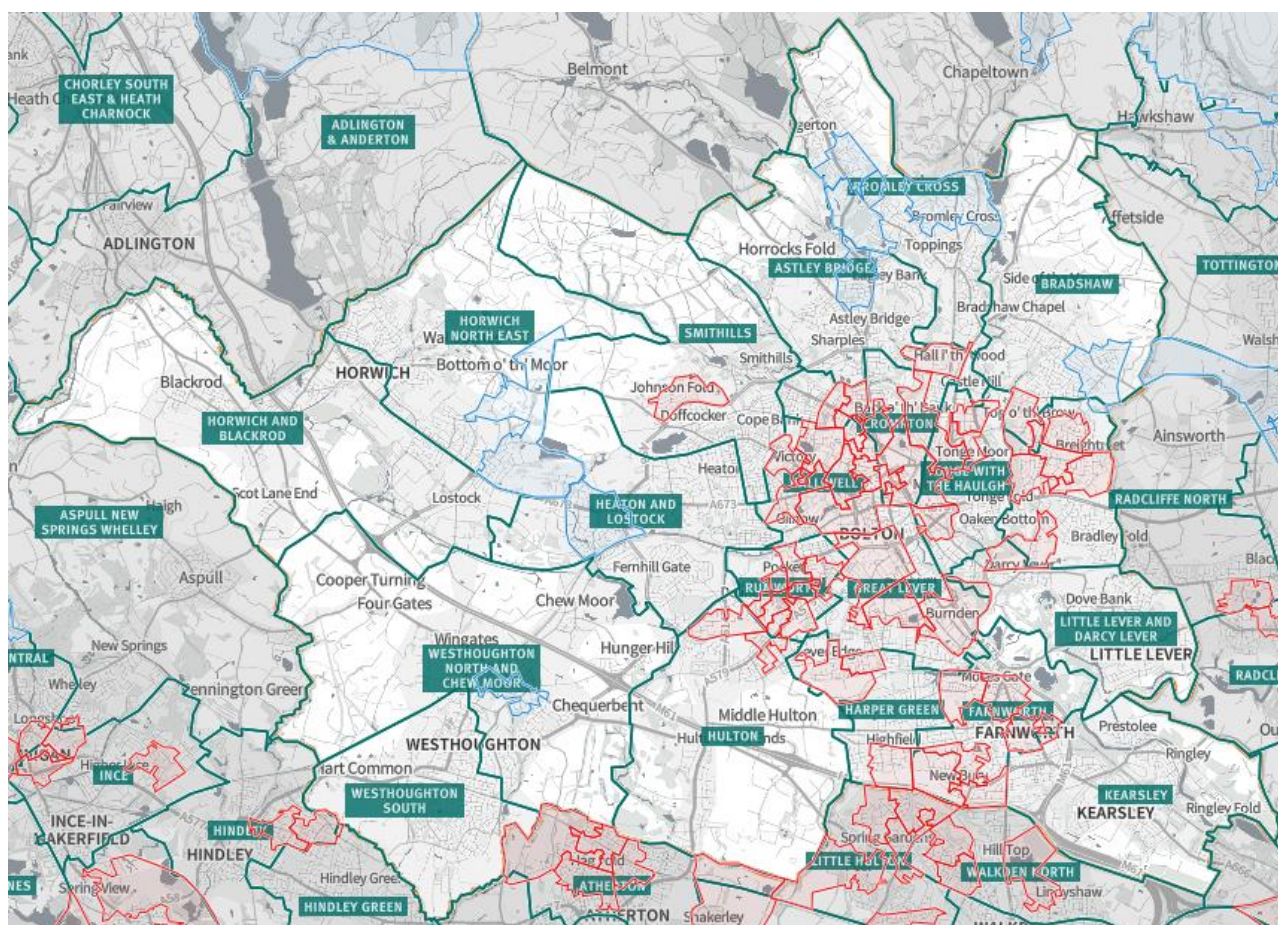


Figure 2: The areas in Bolton falling in the most deprived 10% of areas nationally (red); and least deprived 10% of areas nationally (blue) with ward overlay³



² Icons: Money-bag, Karacis; Briefcase, Dmitry Miroliubov; File, Freepik; Healthcare, Smashicons; Handcuffs, Freepik; House, Kiranshastry; Trees, Freepik

³ OHID Shape Atlas. <https://bit.ly/3K2Mt6x>