



Data sources used in the profiles



Introduction

What is the Coventry Joint Strategic Needs Assessment (JSNA)?

The JSNA brings together evidence about the health and wellbeing of Coventry residents, to help leaders across health and care understand and work together to improve the health and wellbeing of the people of Coventry.

Health is more than the *healthcare system*: it is not just about NHS hospitals, doctors, or nurses. Instead, health is about people's lives. Indeed, people's **health is determined by their economic and social circumstances**, such as:

- Their **communities**; whether they have access to a good network of family and friends.
- Their **prospects**; whether they have access to good jobs and education.
- Their **environment**; whether they live in a good neighbourhood with access to green spaces.

These social circumstances determine people's health and wellbeing, and therefore, are known as **social determinants of health**.

The JSNAs contains a full range of evidence to provide decision-makers with an understanding of local people and communities. It contains a lot of numbers and statistics, because these are essential to show the trends of how things have changed, as well as comparisons with other places. However, because health is about people, JSNAs also contains a lot of evidence from local people and local community groups.

The full set of JSNA analytical profiles, and detailed statistical data and evidence in the citywide intelligence hub is available on the Coventry City Council website:

- Joint Strategic Needs Assessment www.coventry.gov.uk/jsna/
- Citywide Intelligence Hub www.coventry.gov.uk/citywideintelhub/

About this guide to data sources

In the writing of the JSNA profiles, a variety of data sources were considered. A selection of indicators were chosen to best tell the story of *how it feels* to live in each of the city's Family Hub areas. This guide documents and details the data sources used in the profiles.

Data sources

| Theme | Topic | Data | Lowest available geography | Data source | Latest available data | |
|------------------------------|------------|---|--|---|---|------|
| Demographics and communities | Population | Total population | LSOA | Office for National Statistics mid-year population estimates by small areas www.nomisweb.co.uk | 2018 | |
| | | Population growth | LSOA | | | |
| | | Population by age group | LSOA | | | |
| | Population | Average household size (number of people per household) | LSOA | Census 2011 (QS101EW, KS401EW, KS405EW) www.nomisweb.co.uk | 2011 | |
| | | Household composition (number and type of people in each household) | LSOA | Census 2011 (KS105EW) www.nomisweb.co.uk | 2011 | |
| | | Diversity | Population by ethnic group (count & %) | LSOA | Census 2011 (KS201EW) www.nomisweb.co.uk | 2011 |
| | | | Population by religion (count & %) | LSOA | Census 2011 (KS209EW) www.nomisweb.co.uk | 2011 |
| | Diversity | % of households in which no one speaks English as a main language | LSOA | Census 2011 (KS206EW) www.nomisweb.co.uk | 2011 | |
| | | % of all persons aged 3 or older by proficiency in English | LSOA | Census 2011 (QS205EW) www.nomisweb.co.uk | 2011 | |

| Theme | Topic | Data | Lowest available geography | Data source | Latest available data |
|-------|-------|--|----------------------------|--|-----------------------|
| | | % of total Coventry population (all residents aged 3 & older) by main language spoken | LSOA | Census 2011 (QS204EW) www.nomisweb.co.uk | 2011 |
| | | % of Coventry school population (all years from nursery to further education) by ethnic group | LSOA | School Census | 2019 |
| | | % of Coventry school population (all years from nursery to further education) by main language spoken | Family Hub area | School Census | 2019 |
| | | Annual number of registrations with general practitioners (GPs) from people newly-arrived in the country, by nation of origin | Ward | NHS Flag 4 Data | 2018 |
| | | Number of National Insurance Number (NINo) Registrations by newly-arrived foreign nationals by area of new residence and nationality | MSOA | Department for Work and Pensions https://stat-xplore.dwp.gov.uk/ | 2018 |
| | | What proportion of your friends are from the same ethnic group as you | MSOA | Coventry Household Survey | 2018 |
| | | What proportion of your friends are from the same religious group as you | MSOA | Coventry Household Survey | 2018 |

| Theme | Topic | Data | Lowest available geography | Data source | Latest available data |
|-------|---|--|----------------------------|---|-----------------------|
| | | % of residents who think people from different backgrounds get on well together in their neighbourhood | MSOA | Coventry Household Survey | 2018 |
| | | How strongly do you feel you belong to your immediate neighbourhood? | MSOA | Coventry Household Survey | 2018 |
| | | % who agree there are opportunities for to be actively involved in improving your local area | MSOA | Coventry Household Survey | 2018 |
| | | % who agree they can influence decisions affecting local area | MSOA | Coventry Household Survey | 2018 |
| | Community cohesion and social isolation | How often do you chat to your neighbours, more than to just say hello? | MSOA | Coventry Household Survey | 2018 |
| | | % who agree they can generally borrow things and exchange favours with my neighbours | MSOA | Coventry Household Survey | 2018 |
| | | % of households aged 65+ living alone | LSOA | Census 2011 (KS105EW) www.nomisweb.co.uk | 2011 |
| | | Heat map of loneliness | LSOA | Age UK | |
| | | Household Acorn & Wellbeing Acorn Profiles | Family Hub area | CACI Limited | 2019 |

| Theme | Topic | Data | Lowest available geography | Data source | Latest available data |
|-----------|--------------------|--|----------------------------|---|-----------------------|
| Prospects | Best start in life | % children achieving a good level of development at age 5 | LSOA | Coventry City Council, Public Health England Fingertips, Department for Education | 2019 |
| | | % take-up of free education/childcare entitlement (two-year-olds) | | | |
| | | % take-up of free education/childcare entitlement (three and four-year-olds) | | | |
| | | Child protection open cases | | | 2018 |
| | | Children in need open cases | | | |
| | | Maternal smoking at delivery | Family Hub area | University Hospital Coventry and Warwickshire, Public Health England Fingertips | 2018/19 |
| | | Breastfeeding initiation | Family Hub area | University Hospital Coventry and Warwickshire, Public Health England Fingertips | 2018/19 |
| | | Breastfeeding prevalence at 6-8 weeks after birth | Family Hub area | Coventry City Council, Public Health England Fingertips | 2017/18 |

| Theme | Topic | Data | Lowest available geography | Data source | Latest available data |
|-------|----------------------|--|------------------------------------|--|-----------------------|
| | Education and skills | Numbers and percentage of children with Special Educational Needs and Disabilities (SEND) | LSOA | Coventry City Council, School Census | 2019 |
| | | School Ofsted ratings | Schools mapped to Family Hub areas | Department for Education (find and compare schools in England) | 2019 |
| | | Pupils with English as a main language & eligible for Free School Meals (FSM) by school | Schools mapped to Family Hub areas | Department for Education (find and compare schools in England) | 2019 |
| | | Educational attainment % achieving benchmarks (expected standard in reading, writing and mathematics at key stage 2 and attainment 8 at key stage 4) by area of residence of pupil | LSOA | Coventry City Council | 2018/19 |
| | | % working age (16-64) population without qualifications | LSOA | Census 2011 (KS501EW) www.nomisweb.co.uk | 2011 |
| | | % working age (16-64) population with higher level (NVQ level 4+) qualifications | LSOA | Census 2011 (KS501EW) www.nomisweb.co.uk | 2011 |
| | | Number and % of pupils eligible for and in receipt of Pupil Premium | LSOA | Coventry City Council | 2019 |

| Theme | Topic | Data | Lowest available geography | Data source | Latest available data |
|-------|--------------------|--|----------------------------|--|-----------------------|
| | | Number and % of pupils eligible for free school meals | Family Hub area | Coventry City Council, School Census | 2019 |
| | | Primary school attendance % | LSOA | Coventry City Council, School Census | 2018/19 |
| | | Secondary school attendance % | | | |
| | | Special school attendance % | | | |
| | | Indices of deprivation education & skills domain | LSOA | English Indices of Deprivation, Ministry of Housing, Communities & Local Government | 2019 |
| | Economy and growth | % working age (16-64) population who are economically inactive | LSOA | Census 2011 (KS601EW to KS603EW) www.nomisweb.co.uk | 2011 |
| | | Average annual household income | MSOA | ONS small-area model-based income estimates | 2015/16 |
| | | Number of businesses by size | MSOA | ONS UK Business Counts www.nomisweb.co.uk | 2018 |
| | | Number of employees working in businesses in the area | LSOA | ONS Business Register & Employment Survey www.nomisweb.co.uk | 2017 |
| | | % of working age people claiming unemployment-related benefits (claimant count proxy for unemployment) | LSOA | ONS claimant count www.nomisweb.co.uk | October 2019 |
| | MSOA | | September 2019 | | |
| | | % of working age people claiming unemployment-related benefits - adjusted to give a reliable time series (alternative claimant count and proxy for unemployment) | LSOA | Department for Work & Pensions https://stat-xplore.dwp.gov.uk | August 2019 |

| Theme | Topic | Data | Lowest available geography | Data source | Latest available data |
|-------|-------|--|----------------------------|--|-----------------------|
| | | % of children living in low income households (measure of relative child poverty) | LSOA | Personal tax credits: Children in low-income families local measure HM Revenue & Customs | 2016 |
| | | Overall level of deprivation (each LSOA by deprivation decile and % of residents of each Family Hub area living in areas by deprivation decile) | LSOA | English Indices of Deprivation, Ministry of Housing, Communities & Local Government | 2019 |
| | | Income Deprivation Affecting Children (IDACI) % of residents living in neighbourhoods amongst the most deprived decile in this index and % in income deprivation by LSOA | LSOA | English Indices of Deprivation, Ministry of Housing, Communities & Local Government | 2019 |
| | | Income Deprivation Affecting Older People (IDAOPI) % of residents living in neighbourhoods amongst the most deprived decile and % in income deprivation by LSOA | LSOA | English Indices of Deprivation, Ministry of Housing, Communities & Local Government | 2019 |
| | | Indices of deprivation employment domain | LSOA | English Indices of Deprivation, Ministry of Housing, Communities & Local Government | 2019 |
| | | % who never worry about a lack of money | MSOA | Coventry Household Survey | 2018 |
| | | | | | |

| Theme | Topic | Data | Lowest available geography | Data source | Latest available data |
|-------------------------|-------------------------------|--|---------------------------------|--|-----------------------|
| | | % of residents who sometimes or often agree with the statement you and other household members did not have enough to eat (proxy for food poverty) | MSOA | Coventry Household Survey | 2018 |
| Housing and environment | Localities and neighbourhoods | % satisfied with living in local area | MSOA | Coventry Household Survey | 2018 |
| | | Do you think that over the past two years your area has got better or worse to live in? | MSOA | Coventry Household Survey | 2018 |
| | | Amount of green space | LSOA | Public Health England Shape Atlas www.shapeatlas.net & Access to Health & Hazards | 2016 |
| | | | Family Hub area | Public Health England Shape Atlas www.shapeatlas.net & Access to Health & Hazards | 2016 |
| | | | Ward | Coventry Green Space Strategy | 2008 |
| | | Population density (people per square km) | LSOA | ONS mid-year population estimates by small areas www.nomisweb.co.uk | 2018 |
| | | Nitrogen dioxide (air quality) | Point locations, mapped to LSOA | Coventry City Council | 2018 |
| | | | LSOA | Public Health England Shape Atlas www.shapeatlas.net & Access to Health & Hazards | 2016 |

| Theme | Topic | Data | Lowest available geography | Data source | Latest available data | |
|-------|--------------------------|--|----------------------------|---|-----------------------|------|
| | | Particulate matter (air quality) | LSOA | | | |
| | | Sulphur dioxide (air quality) | LSOA | | | |
| | | Indices of deprivation living environment domain | LSOA | English Indices of Deprivation, Ministry of Housing, Communities & Local Government | | 2019 |
| | | % households with no car | LSOA | Census 2011 (KS404EW) www.nomisweb.co.uk | | 2011 |
| | Housing and homelessness | Average house price | LSOA | ONS house price statistics for small areas | April 2018-March 2019 | |
| | | Households by tenure | LSOA | Census 2011 (KS402EW) www.nomisweb.co.uk | 2011 | |
| | | Dwellings by type (detached, semi-detached, terraced, flats, etc.) | LSOA | Census 2011 (KS401EW) www.nomisweb.co.uk | 2011 | |
| | | Fuel poverty | LSOA | Fuel poverty sub-regional statistics, Department for Business, Energy and Industrial Strategy | 2017 | |
| | Crime | Crime rate per 1,000 population by crime categories | LSOA | Police.uk https://data.police.uk/data/ | 2017/18 | |
| | | Crime & anti-social behaviour total count | LSOA | Coventry City Council and West Midlands Police | Sep 2018-Aug 2019 | |

| Theme | Topic | Data | Lowest available geography | Data source | Latest available data |
|--|-----------------|---|----------------------------|---|-----------------------|
| | | % who feel unsafe at night | MSOA | Coventry Household Survey | 2018 |
| | | Hate crime | MSOA | West Midlands Police | 2015-2017 |
| | Other | Indices of deprivation living environment domain | LSOA | English Indices of Deprivation, Ministry of Housing, Communities & Local Government | 2019 |
| Health & Wellbeing | Life expectancy | Life expectancy and healthy life expectancy, male and female | MSOA | Public Health England www.localhealth.org.uk | 2013-2017 |
| | | Rate of deaths from all causes, aged under 75 (premature mortality) | MSOA | Public Health England www.localhealth.org.uk | 2013-2017 |
| | | | | | 2011-2015 |
| | | Rate of deaths from all cancers, aged under 75 (premature mortality) | MSOA | Public Health England www.localhealth.org.uk | 2013-2017 |
| | | | | | 2011-2015 |
| Rate of deaths from circulatory disease, | MSOA | Public Health England www.localhealth.org.uk | 2013-2017 | | |

| Theme | Topic | Data | Lowest available geography | Data source | Latest available data |
|-------|-------------------|---|--|--|-----------------------|
| | | aged under 75 (premature mortality) | | | 2011-2015 |
| | | Deaths from causes considered preventable (premature mortality) | MSOA | Public Health England www.localhealth.org.uk | 2013-2017 |
| | | | | | 2011-2015 |
| | Health protection | Uptake of childhood vaccinations | GP surgery (matched to Family Hub areas) | Child Immunisation at Practice level NHS England | 2018/19 |
| | | Flu vaccination uptake | GP surgery (matched to Family Hub areas) | NHS Coventry and Rugby Clinical Commissioning Group | Sep 2018-Jan 2019 |
| | | Measles susceptibility | LSOA | West Midlands Measles Needs Assessment, Public Health England, Child Health Information Systems (CHIS) | December 2018 |
| | | Prevalence of diagnosed HIV in 15-59 year olds (per 1,000) | MSOA | Public Health England | 2017 |
| | Demand and access | GP Practices within walking distance | Point locations, mapped to LSOA | Public Health England Shape Atlas www.shapeatlas.net | -- |
| | | Pharmacies within walking distance | Point locations, mapped to LSOA | Public Health England Shape Atlas www.shapeatlas.net | -- |
| | | | | | -- |

| Theme | Topic | Data | Lowest available geography | Data source | Latest available data |
|-------|-----------|---|---------------------------------|---|-----------------------|
| | | Number of pharmacies per 10,000 population | Point locations, mapped to LSOA | Coventry & Warwickshire Pharmaceutical Needs Assessment, NHS Digital | |
| | | Number of GPs per 1,000 population | Point locations, mapped to LSOA | NHS Digital | September 2019 |
| | | A&E attendances for under-5s | MSOA | Hospital Episode Statistics (HES), NHS Digital, Public Health England www.localhealth.org.uk | 2013/14-2015/16 |
| | Lifestyle | % of residents who eat at least five portions of fruit or vegetables in a typical day | MSOA | Coventry Household Survey | 2018 |
| | | % of residents who eat takeaways once or twice a week or more | MSOA | Coventry Household Survey | 2018 |

| Theme | Topic | Data | Lowest available geography | Data source | Latest available data |
|---|-------|---|----------------------------|---|-----------------------|
| | | % of residents who did no everyday activity in the last week (physical activity and exercise) | MSOA | Coventry Household Survey | 2018 |
| | | % of residents who did no active recreation in the last week (physical activity and exercise) | MSOA | Coventry Household Survey | 2018 |
| | | % of residents who did no sport in the last week (physical activity and exercise) | MSOA | Coventry Household Survey | 2018 |
| | | % of residents who currently smoke | MSOA | Coventry Household Survey | 2018 |
| | | Incidence of lung cancer | MSOA | Public Health England www.localhealth.org.uk | 2012-2016 |
| | | | | | 2011-2015 |
| | | % of residents who drank any alcohol on two or more days in a typical week | MSOA | Coventry Household Survey | 2018 |
| % of residents who drank more than 2-3 units of alcohol on two or more days in a typical week | MSOA | Coventry Household Survey | 2018 | | |

| Theme | Topic | Data | Lowest available geography | Data source | Latest available data |
|-------|-------|---|----------------------------|---|--------------------------------------|
| | | Hospital admissions for alcohol-related harm (narrow definition) | MSOA | Hospital Episode Statistics (HES), NHS Digital, Public Health England www.localhealth.org.uk | 2013/14-2017/18 |
| | | Hospital admissions for alcohol-related harm (broad definition) | MSOA | Hospital Episode Statistics (HES), NHS Digital, Public Health England www.localhealth.org.uk | 2013/14-2017/18 |
| | | Prevalence of overweight and obese children in Coventry schools at reception and year 6 | MSOA | National Child Measurement Programme (NCMP), NHS Digital, Public Health England www.localhealth.org.uk | 2015/16-2017/18 (3 year pooled data) |
| | | Conceptions to girls aged under 16 and under 18 | Ward | Public Health England & Office for National Statistics | 2015-17 |
| | Other | % of residents with self-reported low levels of wellbeing using their WEMWBS score | MSOA | Coventry Household Survey | 2018 |

| Theme | Topic | Data | Lowest available geography | Data source | Latest available data |
|-------|-------|--|--|--|-----------------------|
| | | Recorded prevalence of depression (aged 18+) | GP surgery (matched to Family Hub areas) | National General Practice Profiles, Public Health England Fingertips | 2018/19 |
| | | Prevalence of common mental health issues | GP surgery (matched to Family Hub areas) | National General Practice Profiles, Public Health England Fingertips, NHS Quality and Outcomes Framework | 2018/19 |
| | | Indices of deprivation 2019 health and disability domain | LSOA | English Indices of Deprivation, Ministry of Housing, Communities & Local Government | 2019 |

Family Hub areas



Abbreviations used

| Abbreviation | Description |
|--------------|--|
| LSOA | Lower layer super output area – a statistical geography with a population of around 1,500 made up of output areas. |
| MSOA | Middle layer super output area – a statistical geography with a population of around 5,000-7,200 made up of LSOAs. |
| ONS | Office for National Statistics |
| WEMWBS | The Warwick-Edinburgh Mental Wellbeing Scale – a measure of mental wellbeing in the general population. |

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Coventry Health and Wellbeing Board

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Coventry City Council

