



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 profiled 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	Census 2021 (TS008); Office for National Statistics; www.nomisweb.co.uk	2021
		Population growth			
		Population by age group	LSOA	Census 2021 (TS007); Office for National Statistics; www.nomisweb.co.uk	
		Median Age	MSOA	Census 2021; Office for National Statistics www.nomisweb.co.uk	2021
		Births	LSOA	Live births in England and Wales for small geographic areas, www.nomisweb.co.uk, Office for National Statistics	2021
		Population of full-time students aged 18+ by living arrangements	LSOA	Census 2021 (RM129); Office for National Statistics www.nomisweb.co.uk	2021
		Household composition (number and type of people in each household) - counts and %s of households (not individuals)	LSOA	Census 2021 (TS003); Office for National Statistics www.nomisweb.co.uk	2021
		Average household Size (number of people per household)	LSOA	Census 2021 (TS017); Office for National Statistics www.nomisweb.co.uk	2021
	Diversity	Population by ethnic group (count & %)	LSOA	Census 2021 (TS021); Office for National Statistics www.nomisweb.co.uk	2021
		Population by religion (count & %)	LSOA	Census 2021 (TS030); Office for National Statistics www.nomisweb.co.uk	2021
		% of households in which no one speaks English as a main language	LSOA	Census 2021 (TS025); Office for National Statistics www.nomisweb.co.uk	2021

Demographics and Communities

% of all persons aged 3 or older by proficiency in English	LSOA	Census 2021 (TS029); Office for National Statistics www.nomisweb.co.uk	2021
% of total Coventry population (all residents aged 3 & older by main language spoken)	LSOA	Census 2021 (TS024); Office for National Statistics www.nomisweb.co.uk	2021
% of Coventry school population (all years from nursery to further education) by ethnic group	LSOA	Coventry School Census	2021
% of Coventry school population (all years from nursery to further education) by main language spoken	JSNA Place	Coventry School Census	2021
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; Stat-Xplore	2022
% of population born outside the UK and arriving in the UK since 2011	LSOA	Census 2021 (TS015); Office for National Statistics www.nomisweb.co.uk	2021
	MSOA	Census 2021; Office for National Statistics www.nomisweb.co.uk	2021
Country of birth	LSOA	Census 2021 (Ts004 & TS012); Office for National Statistics www.nomisweb.co.uk	2021
Acorn and wellbeing acorn profiles	Postcode	Acorn Geodemographic Segmentation Acorn Data CACI	2023
% who attended at least 1 or more City of Culture event in their local area	MSOA	Coventry Household Survey	2022
% who attended at least 1 or more City of Culture event in the city centre			

Demographics and Communities

	Headline cultural participation measure	MSOA	Coventry Household Survey	2022
Community cohesion	% of residents who think people from different backgrounds get on well together in their neighbourhood.	MSOA	Coventry Household Survey	2022
	How strongly do you feel you belong to your immediate neighbourhood?	MSOA		2022
	% who feel more of a sense of belonging after COVID-19	MSOA		2022
	% who agree there are opportunities for to be actively involved in improving your local area	MSOA		2022
	% who are very or fairly likely to get more actively involved over next 12 months	MSOA		2022
	% who volunteered with an organisation or informally before the COVID-19 outbreak	MSOA		2022
	% who have volunteered with an organisation or informally since the COVID-19 outbreak started	MSOA		2022
	Provision of unpaid care	LSOA	Census 2021 (TS039): Office for National Statistics www.nomisweb.co.uk	2021

Prospects

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	2021/2022	
		% 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				
		Children in need open cases				
			Maternal smoking at delivery	LSOA	University Hospital Coventry and Warwickshire	2022/23
			Breastfeeding initiation			
			Antenatal appointments within 12 weeks			
			Breastfeeding prevalence at 6-8 weeks after birth - % of infants at the 6–8-week check (from Health Visitors) who are totally or partially breastfeeding.			

Prospects

	Proportion of children who received a 2 to 2½ year review	LSOA	SWFT via Public Health, Coventry City Council	2022/23
Education and Skills	Numbers and percentage of children with Special Educational Needs (SEN)	LSOA	Coventry City Council, School Census	2023
	School Ofsted ratings	Schools	Department for Education (find and compare schools in England)	
	Number & % of children attending good or outstanding schools (primary, secondary & special schools)	LSOA	Coventry City Council	2021/2022
	Educational attainment % achieving expected standard in reading, writing and mathematics at key stage 2 - by area of residence of pupil	LSOA	Coventry City Council	2021/2022
	%16+ population without qualifications	LSOA	Census 2021 (TS067); Office for National Statistics www.nomisweb.co.uk	2021
	Primary school attendance %			
	Secondary school attendance %	LSOA	Coventry City Council, School Census	2021/22

Prospects

	Special school attendance %			
	Indices of deprivation education & skills domain	LSOA	English Indices of Deprivation, Ministry of Housing, Communities & Local Government	2019
Economy & Growth	% working age (16-64) population who are economically inactive	LSOA	Census 2021 (TS066); Office for National Statistics; www.nomisweb.co.uk	2021
	% working age (16-64) population who are employed			
	% working age (16-64) population who are unemployed	MSOA	Census 2021; Office for National Statistics; www.nomisweb.co.uk	2021
	Average annual household income	MSOA	Income Estimates for small areas, England and Wales	2017/18
	Gross household income - mean, median and income distribution	LSOA	CACI Paycheck Directory 2023	2023
	Number of businesses by size	MSOA	ONS UK Business Counts www.nomisweb.co.uk	2022
	Number of employees working in businesses in the area	LSOA	ONS Business Register & Employment Survey www.nomisweb.co.uk	2021
	% of working age people claiming unemployment-related benefits (claimant count proxy for unemployment)	LSOA	ONS claimant count www.nomisweb.co.uk	2023
	% of working age people claiming unemployment-related benefits - adjusted to give a reliable time series (The 'alternative claimant count')	LSOA	Department for Work and Pensions; Stat-Xplore	2023

Prospects

	Overall level of deprivation (each LSOA by deprivation decile and % of residents of each JSNA 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			
	Income Deprivation Affecting Older People (IDAOPI) % of residents living in neighbourhoods amongst the most deprived decile in this index	LSOA	English Indices of Deprivation, Ministry of Housing, Communities & Local Government	2019
	Indices of deprivation employment domain			
	% of have been worried about money quite often or almost all the time in the last few weeks	MSOA	Coventry Household Survey	2022
	% that say that all their household always have enough of kind of food they want (proxy for food poverty)			
	Digital connectivity	MSOA	OfCom Connected Nations 2022	2022
	Digital exclusion	LSOA	Digital Exclusion Risk Indicator; Greater Manchester Combined Authority	2022
Internet User Classification (IUC) - Consumer Research Centre			2018	

Housing and Environment

Theme	Topic	Data	Lowest available geography	Data source	Latest available data
Housing and Environment	Localities and neighbourhoods	% satisfied with living in the local area	MSOA	Coventry Household Survey	2022
		Do you think that over the past two years your area has got better or worse to live in?			
	Amount of green space	LSOA	Public Health England Shape Atlas	2017	
		Ward	Coventry Green Space Strategy	2018-2024	
	Population density (people per square km)	LSOA	Census 2021 (TS066); Office for National Statistics; www.nomisweb.co.uk	2021	
			Population density - Census Maps, ONS		
	Overcrowded housing - % of households with an occupancy rating of rooms of -1 or less	LSOA	Census 2021 (TS053); Office for National Statistics; www.nomisweb.co.uk	2021	
Nitrogen dioxide (air quality)	Point locations, mapped to LSOA	Coventry City Council, Air quality	2022		

Housing and Environment

	Nitrogen dioxide (air quality)	LSOA	Public Health England Shape Atlas Access to Healthy Assets & Hazards (AHAH)	2016 & 2017
	Particulate matter (air quality)	LSOA	Public Health England Shape Atlas Access to Healthy Assets & Hazards (AHAH)	2016 & 2017
	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 2021 (TS045); Office for National Statistics; www.nomisweb.co.uk	2021
Housing and Homelessness	Average house price	LSOA	ONS house price statistics for small areas	2022
	Housing affordability	MSOA	ONS house price statistics for small areas & CACI Paycheck Directory 2023	2023
	Households by tenure	LSOA	Census 2021 (TS054); Office for National Statistics; www.nomisweb.co.uk	2021
	Dwellings by type (detached, semi-detached, terraced, flats, etc.)	LSOA	Census 2021 (TS044); Office for National Statistics; www.nomisweb.co.uk	2021
	Homelessness Applications	LSOA	Housing & Homelessness, Coventry City Council	2022/2023

Housing and Environment

	Fuel Poverty	LSOA	Fuel poverty sub-regional statistics, Department for Business, Energy and Industrial Strategy	2020/2021
Crime	Crime rate per 1,000 population by crime categories	LSOA	Data.Police.uk	2021-2022
	Crime & anti-social behaviour total count			2022-23
	Coventry Serious Violence Needs Assessment	Ward	Coventry City Council	Various
	% Feel safe during day	MSOA	Coventry Household Survey	2022
	% Feel safe after dark			
	Hate crime	LSOA	West Midlands Police	1/9/2022 - 30/9/2023
Other	Indices of deprivation Barriers to Housing & Services domain		English Indices of Deprivation, Ministry of Housing, Communities & Local Government	2019

Health and Wellbeing

Theme	Topic	Data	Lowest available geography	Data source	Latest available data
Health and Wellbeing	Life expectancy	Life expectancy and healthy life expectancy, male and female	MSOA	Public Health England	2016-20
		Rate of deaths from all causes, aged under 75 (premature mortality)			
		Rate of deaths from all cancers, aged under 75 (premature mortality)			
		Rate of deaths from circulatory disease, aged under 75 (premature mortality)			
		Deaths from causes considered preventable (premature mortality)			
	Health Protection	Number and rate of COVID-19 cases	LSOA	UK Health Security Agency	2022

Health and Wellbeing

	Deaths from COVID-19 - rates	MSOA	Office for National Statistics, www.nomisweb.co.uk	2022
	COVID-19 Vaccination rates	LSOA	UK Health Security Agency	2023
	Uptake of childhood vaccinations	GP surgery	Child Immunisation at Practice level NHS England	2022/23
	Flu vaccination uptake	GP surgery	NHS Coventry and Rugby Clinical Commissioning Group	2022/23
	Prevalence of diagnosed HIV in 15–59-year-olds (per 1,000)	MSOA	Public Health England	2021
	% worried about impact of COVID on Financial Situation	MSOA	Coventry Household Survey	2022
	% worried about impact of COVID-19 on diet			
	% worried about impact of COVID-19 on mental health			
	% worried about impact of COVID-19 on physical health			
	% worried about impact of COVID-19 on loneliness			
Demand and Access	GP Practices within walking distance	Point locations, mapped to LSOA	Public Health England Shape Atlas	

Health and Wellbeing

	Pharmacies within walking distance			
	Description of access to pharmacies	Point locations, mapped to LSOA	Coventry & Warwickshire Pharmaceutical Needs Assessment	2022
	Number of GPs, headcount, FTEs & rate per 10,000 population	GP practices: Point locations	NHS General Practice Workforce	2023
	Measures of satisfaction with GPs	GP practices: Point locations	NHS GP Patient Survey	2023
	CQC ratings of GP practices	GP practices: Point locations	Care Quality Commission	Varies
	Emergency admissions for under-5s	MSOA	Hospital Episode Statistics (HES), NHS Digital, Public Health England	2018/19-2020/21
Lifestyles	% of residents who eat at least five portions of fruit or vegetables in a typical day	MSOA	Coventry Household Survey	2022
	% of residents who eat takeaways once or twice a week or more			
	% of residents who did no everyday activity in the last week (physical activity and exercise)			
	% of residents who did no active recreation in the last week (physical activity and exercise)			

Health and Wellbeing

% of residents who did no sport in the last week (physical activity and exercise)			
% of residents who currently smoke			
% who currently use e-cigarettes			
% of residents who drank any alcohol on two or more days in a typical week	MSOA	Coventry Household Survey	2022
% of residents who drank more than 2-3 units of alcohol on two or more days in a typical week			
% Agree eat breakfast every day			
% Agree price most important factor for food			
% Agree it is important to eat healthy foods			
% Agree have everything need in kitchen to cook			
Incidence of lung cancer	MSOA	Public Health England	2022
Hospital admissions for alcohol-related harm (narrow definition)	MSOA	Hospital Episode Statistics (HES), NHS Digital, Public Health England	2020/2021
Hospital admissions for alcohol-related harm (broad definition)			

Health and Wellbeing

	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	2019/20 to 2021/22 (3 years pooled)
	Conceptions to girls aged under 16 and under 18	Ward	Public Health England	
Other	% of residents with self-reported low levels of mental wellbeing using their SWEMWBS score	MSOA	Coventry Household Survey	2022
	Recorded prevalence of depression (aged 18+)	GP surgery (matched to JSNA areas)	National General Practice Profiles, Public Health England Fingertips	2021/22
	Prevalence of common mental health issues	GP surgery (matched to JSNA areas)	National General Practice Profiles, Public Health England Fingertips, NHS Quality and Outcomes Framework	2021/22
	Indices of deprivation 2019 health and disability domain	LSOA	English Indices of Deprivation, Ministry of Housing, Communities & Local Government	2019
	LG INFORM report: Basic facts about Coventry broken down by MSOA	MSOA	LG Inform	2021

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.

Coventry Health and Wellbeing Board

Insight Team
Coventry City Council

