

Key statistics – Fuel Poverty in Cardiff and Wales

Cardiff key fuel poverty statistics

Excess winter deaths

There were 130 excess winter deaths in Cardiff Council Local Authority area in 2012/13 according to the Office of National Statistics.ⁱ

In Wales, there were 1,100 excess winter deaths in 2013/14 and 1,850 in 2012/13.

Welsh Index of Multiple Deprivationⁱⁱ

Housing Domain

The housing domain indicators are:

- Proportion of people living in overcrowded households (bedrooms measure)
- Proportion of population living in households with no central heating.

Cardiff has 79 LSOAs within the top 10% of the most housing deprived LSOAs in Wales.

Cardiff has 90 LSOAs within the top 15% of the most housing deprived LSOAs in Wales.

Riverside 2 is the most deprived housing LSOA in Wales. Grangetown 9 is the second whilst Butetown 1 was the third most deprived housing LSOA in Wales.

Health Domain

The health domain indicators are:

- Limiting Long-Term Illness
- All Cause Death Rates
- Cancer Incidence
- Low Weight single Births

Trowbridge 8 is the seventh most health deprived LSOA in Wales.

Cardiff has 13 LSOAs within the top 10% of the most health deprived LSOAs in Wales.

Fuel Poverty in Wales

- In 2012, 30% of households in Wales (386,000 households) were estimated to be in fuel poverty.ⁱⁱⁱ
- 1 in 3 households in Wales are in fuel poverty.
- The number of vulnerable fuel poor households is 328,000, 33% of all households in Wales.
- The number of fuel poor households in social housing is 70,000, 31% of social households.
- Wales has the second highest proportion of fuel poor households in the United Kingdom.



Fuel Debt and fuel poverty

- In 2014, there were 65,583 (4.6%) of electricity and 56,301 (5.0%) of gas customers in fuel debt in Wales.^{iv}
- In Wales, at the end of 2014 there were nearly 300,000 electricity Pre Payment Meters (PPM) accounts (21% of all electricity accounts) and nearly 220,000 gas PPM accounts (19% of all gas accounts).
- There was a 4% increase in the installation of PPM in Wales between 2013 and 2014.
- There were 3 households in Wales who had their electricity disconnected for non-payment of debt in Wales in 2014, compared with 8 in 2013.
- 11% of electricity and 11% gas customers were signed up to the Priority Service Register (PRS) in Wales in 2014.
- Domestic consumers in Wales have the highest electricity bills of England and Wales regions, at 16.37p per kwh and 16.67p per kwh, compared with a UK figure of 15.58 p per kwh.^v
- Almost 20 per cent of households in Wales are off gas grid – reliant on costlier oil and electricity to heat their homes.

Fuel Bills

Average annual domestic standard electricity bills for South Wales and North Wales and Merseyside based on consumption of 3,800kWh/ per year^{vi}

- The average electricity standard credit for South Wales was £648 in 2014.
- The average electricity direct debit bill for South Wales was £598 in 2014.
- The average electricity prepayment bill for South Wales was £652 in 2014.

Average annual domestic gas bills in 2014 for South Wales and North Wales and Merseyside with average unit costs based on consumption of 15,000kWh/year^{vii}

- The average gas standard credit for South Wales was £793 in 2014.
- The average gas direct debit bill for South Wales was £729 in 2014.
- The average gas prepayment bill for South Wales was £786 in 2014.

Annual cost of Oil for household heating and Water

- The average annual cost for heating and hot water using heating oil in the UK is £538 when consuming around 13,500 kWh a year.^{viii}

Annual cost of LPG for household heating and Water

- The average annual cost for heating and hot water using LPG in the UK is £1,125 when consuming around 13,500 kWh a year.^{ix}

Fuel switching and Cyd Cymru

- 43% of households in Wales have never switched energy supplier.^x
- Over 12,000 registered with Cyd Cymru in 3 energy switches runs to date.^{xi}
- Over 3,500 households have switched energy supplier with the scheme.
- The average saving per household when switching has been £225.
- This has amounted to over £800,000 total savings for households in Wales.
- In switches 1 and 2 - of households identified as already being in fuel poverty 12-15% of households received savings that would take them out of fuel poverty.

Cold Homes and NHS

- 475 needless deaths every year across Wales directly attributable to vulnerable households living in cold homes. ^{xii}
- A similar amount of people die as a result of living in a cold home as alcohol related deaths in Wales. ^{xiii}
475 cold related homes (WHO figures) and 467 alcohol related deaths (WG statistics)
- Cost to the Welsh NHS for treating cold related admissions amounts to just over £100m per year.

Health

- The average life expectancy for a male living in Cardiff is 78.2 compared to the 78.2 Welsh average. ^{xiv}
- The average life expectancy for a woman living in Cardiff is 82.9 compared to the 82.3 Welsh average.
- In 2013/14, 13% of adults in Cardiff were reportedly being treated for a respiratory illness compared to the 14% Welsh national average. ^{xv}
- In 2013/14, 9% of adults in Cardiff were reportedly being treated for a heart condition compared to the 9% Welsh national average.

Energy Efficiency Schemes

Nest scheme – Cardiff

Cardiff accounted for 10% of all households enquiring about the Nest scheme in 2012/13.

Nest scheme in Cardiff^{xvi}	2012-13	2013-14	2014-15	2015-16 (to September)
Households Enquiring within the financial year	1585	2160	932	674
Households Referred to British Gas for WHA within the financial year	464	366	201	114
Households receiving measures within the financial year	359	323	296	199

Housing

Housing Stock in Cardiff

- In 2013/14, 62% of properties in Cardiff were owner occupied. 21% were privately rented, 9% were local authority owned and 7.4% were owned by social landlords.
- 41% of people in poverty in Wales live in social housing. ^{xvii}
- 28% of people in poverty in Wales live in the private rented sector.

Welsh Housing Quality Standard - Wales

- At 31 March 2014, 67 per cent of social housing dwellings (149,755 dwellings) were compliant with the Welsh Housing Quality Standards (WHQS) compared to 60 per cent a year earlier. ^{xviii}
- 83 per cent of Registered Social Landlords (RSL) dwellings achieving WHQS compliance at 31 March 2014 compared to 44 per cent of local authority dwellings.

Household income

- 24.6% of children in Cardiff in 2012 lived in low income families compared to the 20.8% Welsh average.^{xix}
- Wales holds the highest proportion of individuals living in households with less than 60% of contemporary median household income in real terms after housing costs (24% – versus 23% in England, 22% in Northern Ireland, and 19% in Scotland).^{xx}

Population

- Cardiff has the lowest percentage of people aged over 65 in Wales. In 2014, an average 13.8% of the Cardiff population was 65 years old +, compared to 17.9% average in Wales.^{xxi}
- In 2014, an average 67.8% of the Cardiff population was between 16 and 64 years old, compared to the 62% average in Wales.

ⁱ Office of National Statistics, excess winter deaths 2013. <http://www.ons.gov.uk/ons/search/index.html?newquery=excess+winter+mortality>

ⁱⁱ Welsh Index of Multiple Deprivation, Welsh Government, 2014 <https://stats.wales.gov.uk/Catalogue/Community-Safety-and-Social-Inclusion/Welsh-Index-of-Multiple-Deprivation/WIMD-2014>

ⁱⁱⁱ Welsh Government, Fuel Poverty Projector Tool: <http://gov.wales/docs/caecd/research/130430-wales-fuel-poverty-projection-tool-2011-12-report-en.pdf>

^{iv} UK Government (2015) Annual Domestic Energy Bills Table 2.2.2 Average annual domestic standard electricity bills for UK countries based on consumption of 3,800kWh/year <https://www.gov.uk/government/statistical-data-sets/annual-domestic-energy-price-statistics>

^v Monitoring poverty and social exclusion in Wales, Joseph Rowntree Foundation 2015 <http://www.jrf.org.uk/sites/files/jrf/monitoring-poverty-wales-2015-full.pdf>

^{vi} Annual domestic energy bills, DECC, 2015 <https://www.gov.uk/government/statistical-data-sets/annual-domestic-energy-price-statistics>

^{vii} UK Government (2015) Annual Domestic Energy Bills Table 2.2.2 Average annual domestic standard electricity bills for UK countries based on consumption of 3,800kWh/year <https://www.gov.uk/government/statistical-data-sets/annual-domestic-energy-price-statistics>

^{viii} Annual cost of heating oil, Which <http://www.which.co.uk/energy/creating-an-energy-saving-home/guides/home-heating-systems/oil-central-heating/>

^{ix} Annual cost of LPG, Which <http://www.which.co.uk/energy/creating-an-energy-saving-home/guides/home-heating-systems/lpg-central-heating/>

^x Consumer Focus Wales- Switched off, January 2012

^{xi} Cyd Cymru Evaluation Report – Switch 3, EST, July 2015

^{xii} Excess winter deaths 2012-13 <http://www.ons.gov.uk/ons/rel/subnational-health2/excess-winter-mortality-in-england-and-wales/2013-14--provisional--and-2012-13--final--stb.html?format=print>

^{xiii} Welsh Government Alcohol related deaths 2015 [http://gov.wales/about/programmeforgov/data?code=OU054\(b\)&lang=en](http://gov.wales/about/programmeforgov/data?code=OU054(b)&lang=en)

^{xiv} Life expectancy 2012 <http://www.infobasecymru.net/IAS/themes/health/tabular?viewId=47&geoid=1&subsetId=>

^{xv} Welsh Health Survey <http://www.infobasecymru.net/IAS/themes/health/tabular?viewId=1527&geoid=1&subsetId=>

^{xvi} Nest, Cardiff, Energy Saving Trust 2015

^{xvii} Monitoring poverty and social exclusion in Wales, Joseph Rowntree Foundation 2015 <http://www.jrf.org.uk/sites/files/jrf/monitoring-poverty-wales-2015-full.pdf>

^{xviii} Welsh Government statistics – WHQS <http://gov.wales/statistics-and-research/welsh-housing-quality-standard/?lang=en>

^{xix} Low Income Families, Local Government Unit 2012 <http://www.infobasecymru.net/IAS/dataviews/tabular?viewId=1666&geoid=1&subsetId=>

^{xx} Households below average income, Welsh Government 2015 <http://gov.wales/statistics-and-research/households-below-average-income/?lang=en>

^{xxi} Age structure – Local Government Unit, 2014 <http://www.infobasecymru.net/IAS/profiles/profile?profileId=28&geoTypeId=>