

Product Summary

Fuel Poverty Maps - England 2012-14 is a spatial data pack that contains modelled estimates of fuel poverty in England based on the following five geographies:

- Lower Layer Super Output Area (LSOA)
- Region
- Westminster Parliamentary Constituency
- County or Unitary Authority
- Local Authority District

Most of the indicators in the data pack are from the most recent three releases of BEIS's experimental fuel poverty sub-regional statistics, for the years 2012, 2013 and 2014. The BEIS statistics use a Low Income High Costs (LIHC) measure of fuel poverty. Additional indicators have been calculated to show the percentage change in the numbers and proportions of households in fuel poverty at each level of geography.

All indicators are provided as attributes appended to ONS boundary datasets for each geography, and as CSV files.

Data quality statement

The data in this product has been compiled and/or calculated from data published by BEIS and ONS for re-use under an open licence. Datadaptive has taken reasonable care in preparing the data. However the accuracy and currency of the underlying data is dependent on the input sources.

In order to enhance compatibility of the fuel poverty indicators with other geographic data, Datadaptive has updated all statistical codes and names to match those in the latest available release of ONS's Register of Geographic Codes. Terminated codes have been replaced with live codes for six councils that were the subject of Principal Area Boundary Reviews in 2012 and 2013:

Northumberland, East Hertfordshire, St Albans, Stevenage, Welwyn Hatfield, and Gateshead. As a result of the PABRs the boundaries of these council areas have been amended to correct small scale anomalies. These amendments may have a small effect on the accuracy of the estimated numbers of households in the six council areas. However in the view of Datadaptive this effect is unlikely to be statistically significant for purposes of estimating rates of fuel poverty at any of the levels of geography covered by the data pack.

Data formats

Tabular data is normally supplied in CSV format. Spatial data is normally supplied in unstyled ESRI Shapefile format with the WGS84 projection. However we are happy to prepare the data in other suitable formats.

Licensing

Data supply is subject to our standard [notice for supply of open data work products](#). Once supplied the data may be re-used under the [Open Government Licence](#). The OGL is an [open data](#) licence, which means it is perpetual, royalty-free, non-exclusive, and allows almost unrestricted re-use of the data.

Attribution

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Pricing

£325 one-off supply fee

Contact details

Email: info@datadaptive.com

Website: www.datadaptive.com

File Specifications

LSOA Boundaries with Fuel Poverty Indicators

File name: FP201214_ENG_LSOA11 and
FP201214_ENG_LSOA11_SG

Record count: 32,844

Geographic coverage: England

File format: SHP and CSV

This is a set of two spatial datasets each of which contains polygons for all Lower Layer Super Output Areas (LSOAs) in England attributed with variables related to households in fuel poverty for the years 2012, 2013 and 2014.

File FP201214_ENG_LSOA11 contains full resolution boundaries that have been clipped to the coastline. File FP201214_ENG_LSOA11_SG contains boundaries that have been clipped to the coastline and generalised to 200 metres. A tabular copy of the data is also provided as a CSV.

Following is a table of the attributes provided for each LSOA.

Field	Type	Description
LSOA11CD	Text	Lower Layer Super Output Area (LSOA) ONS code
LSOA11NM	Text	Lower Layer Super Output Area (LSOA) ONS name
LAD15CD	Text	Local authority district ONS code
LAD15NM	Text	Local authority district ONS name
RGN15NM	Text	Region ONS name
HHTOT12	Integer	Number of households in the area in 2012 (modelled)
HHFP12	Integer	Number of households in the area that were in fuel poverty in 2012 (modelled)
HHFPPC12	Decimal	Proportion of households that were fuel poor in 2012
HHTOT13	Integer	Number of households in the area in 2013 (modelled)
HHFP13	Integer	Number of households in the area that were in fuel poverty in 2013 (modelled)
HHFPPC13	Decimal	Proportion of households that were fuel poor in 2013
HHTOT14	Integer	Number of households in the area in 2014 (modelled)
HHFP14	Integer	Number of households in the area that were in fuel poverty in 2014 (modelled)
HHFPPC14	Decimal	Proportion of households that were fuel poor in 2014
CNTCH1213	Decimal	Percentage change in number of fuel poor households between 2012 and 2013
CNTCH1314	Decimal	Percentage change in number of fuel poor households between 2013 and 2014
CNTCH1214	Decimal	Percentage change in number of fuel poor households between 2012 and 2014
PCCH1213	Decimal	Percentage change in proportion of households that were fuel poor between 2012 and 2013
PCCH1314	Decimal	Percentage change in proportion of households that were fuel poor between 2013 and 2014
PCCH1214	Decimal	Percentage change in proportion of households that were fuel poor between 2012 and 2014

Regions with Fuel Poverty Indicators

File name: FP201214_ENG_RGN15 and
FP201214_ENG_RGN15_SG

Record count: 9

Geographic coverage: England

File format: SHP and CSV

This is a set of two spatial datasets each of which contains polygons for the nine regions of England attributed with variables related to households in fuel poverty for the years 2012, 2013 and 2014.

File FP201214_ENG_RGN15 contains full resolution boundaries that have been clipped to the coastline. File FP201214_ENG_RGN15_SG contains boundaries that have been clipped to the coastline and generalised to 200 metres. A tabular copy of the data is also provided as a CSV.

Following is a table of the attributes provided for each region.

Field	Type	Description
RGN15CD	Text	Region ONS code
RGN15NM	Text	Region ONS name
HHTOT12	Integer	Number of households in the region in 2012 (modelled)
HHFP12	Integer	Number of households in the region that were in fuel poverty in 2012 (modelled)
HHFPPC12	Decimal	Proportion of households that were fuel poor in 2012
HHTOT13	Integer	Number of households in the region in 2013 (modelled)
HHFP13	Integer	Number of households in the region that were in fuel poverty in 2013 (modelled)
HHFPPC13	Decimal	Proportion of households that were fuel poor in 2013
HHTOT14	Integer	Number of households in the region in 2014 (modelled)
HHFP14	Integer	Number of households in the region that were in fuel poverty in 2014 (modelled)
HHFPPC14	Decimal	Proportion of households that were fuel poor in 2014
CNTCH1213	Decimal	Percentage change in number of fuel poor households between 2012 and 2013
CNTCH1314	Decimal	Percentage change in number of fuel poor households between 2013 and 2014
CNTCH1214	Decimal	Percentage change in number of fuel poor households between 2012 and 2014
PCCH1213	Decimal	Percentage change in proportion of households that were fuel poor between 2012 and 2013
PCCH1314	Decimal	Percentage change in proportion of households that were fuel poor between 2013 and 2014
PCCH1214	Decimal	Percentage change in proportion of households that were fuel poor between 2012 and 2014

Westminster Parliamentary Constituencies with Fuel Poverty Indicators

File name: FP201214_ENG_PCON15 and
FP201214_ENG_PCON15_SG

Record count: 533

Geographic coverage: England

File format: SHP and CSV

This is a set of two spatial datasets each of which contains polygons for all Westminster Parliamentary Constituency areas in England attributed with variables related to households in fuel poverty for the years 2012, 2013 and 2014.

File FP201214_ENG_PCON15 contains full resolution boundaries that have been clipped to the coastline. File FP201214_ENG_PCON15_SG contains boundaries that have been clipped to the coastline and generalised to 200 metres. A tabular copy of the data is also provided as a CSV.

Following is a table of the attributes provided for each area.

Field	Type	Description
PCON15CD	Text	Westminster Parliamentary Constituency ONS code
PCON15NM	Text	Westminster Parliamentary Constituency ONS name
RGN15NM	Text	Region ONS name
HHTOT12	Integer	Number of households in the area in 2012 (modelled)
HHFP12	Integer	Number of households in the area that were in fuel poverty in 2012 (modelled)
HHFPPC12	Decimal	Proportion of households that were fuel poor in 2012
HHTOT13	Integer	Number of households in the area in 2013 (modelled)
HHFP13	Integer	Number of households in the area that were in fuel poverty in 2013 (modelled)
HHFPPC13	Decimal	Proportion of households that were fuel poor in 2013
HHTOT14	Integer	Number of households in the area in 2014 (modelled)
HHFP14	Integer	Number of households in the area that were in fuel poverty in 2014 (modelled)
HHFPPC14	Decimal	Proportion of households that were fuel poor in 2014
CNTCH1213	Decimal	Percentage change in number of fuel poor households between 2012 and 2013
CNTCH1314	Decimal	Percentage change in number of fuel poor households between 2013 and 2014
CNTCH1214	Decimal	Percentage change in number of fuel poor households between 2012 and 2014
PCCH1213	Decimal	Percentage change in proportion of households that were fuel poor between 2012 and 2013
PCCH1314	Decimal	Percentage change in proportion of households that were fuel poor between 2013 and 2014
PCCH1214	Decimal	Percentage change in proportion of households that were fuel poor between 2012 and 2014

County and Unitary Authority Boundaries with Fuel Poverty Indicators

File name: FP201214_ENG_CTYUA15 and
FP201214_ENG_CTYUA15_SG

Record count: 152

Geographic coverage: England

File format: SHP and CSV

This is a set of two spatial datasets each of which contains polygons for all County and Unitary Authority areas in England attributed with variables related to households in fuel poverty for the years 2012, 2013 and 2014.

File FP201214_ENG_CTYUA15 contains full resolution boundaries that have been clipped to the coastline. File FP201214_ENG_CTYUA15_SG contains boundaries that have been clipped to the coastline and generalised to 200 metres. A tabular copy of the data is also provided as a CSV.

Following is a table of the attributes provided for each area.

Field	Type	Description
CTYUA15CD	Text	County or Unitary Authority ONS code
CTYUA15NM	Text	County or Unitary Authority ONS name
HHTOT12	Integer	Number of households in the area in 2012 (modelled)
HHFP12	Integer	Number of households in the area that were in fuel poverty in 2012 (modelled)
HHFPPC12	Decimal	Proportion of households that were fuel poor in 2012
HHTOT13	Integer	Number of households in the area in 2013 (modelled)
HHFP13	Integer	Number of households in the area that were in fuel poverty in 2013 (modelled)
HHFPPC13	Decimal	Proportion of households that were fuel poor in 2013
HHTOT14	Integer	Number of households in the area in 2014 (modelled)
HHFP14	Integer	Number of households in the area that were in fuel poverty in 2014 (modelled)
HHFPPC14	Decimal	Proportion of households that were fuel poor in 2014
CNTCH1213	Decimal	Percentage change in number of fuel poor households between 2012 and 2013
CNTCH1314	Decimal	Percentage change in number of fuel poor households between 2013 and 2014
CNTCH1214	Decimal	Percentage change in number of fuel poor households between 2012 and 2014
PCCH1213	Decimal	Percentage change in proportion of households that were fuel poor between 2012 and 2013
PCCH1314	Decimal	Percentage change in proportion of households that were fuel poor between 2013 and 2014
PCCH1214	Decimal	Percentage change in proportion of households that were fuel poor between 2012 and 2014

Note: Councils that also have district authority functions are also included in the Local Authority District Boundaries with Fuel Poverty Indicators datasets.

Local Authority District Boundaries with Fuel Poverty Indicators

File name: FP201214_ENG_LAD15 and
FP201214_ENG_LAD15_SG

Record count: 326

Geographic coverage: England

File format: SHP and CSV

This is a set of two spatial datasets each of which contains polygons for all Local Authority District areas in England attributed with variables related to households in fuel poverty for the years 2012, 2013 and 2014.

File FP201214_ENG_LAD15 contains full resolution boundaries that have been clipped to the coastline. File FP201214_ENG_LAD15_SG contains boundaries that have been clipped to the coastline and generalised to 200 metres. A tabular copy of the data is also provided as a CSV.

Following is a table of the attributes provided for each area.

Field	Type	Description
LAD15CD	Text	Local Authority District ONS code
LAD15NM	Text	Local Authority District ONS name
HHTOT12	Integer	Number of households in the area in 2012 (modelled)
HHFP12	Integer	Number of households in the area that were in fuel poverty in 2012 (modelled)
HHFPPC12	Decimal	Proportion of households that were fuel poor in 2012
HHTOT13	Integer	Number of households in the area in 2013 (modelled)
HHFP13	Integer	Number of households in the area that were in fuel poverty in 2013 (modelled)
HHFPPC13	Decimal	Proportion of households that were fuel poor in 2013
HHTOT14	Integer	Number of households in the area in 2014 (modelled)
HHFP14	Integer	Number of households in the area that were in fuel poverty in 2014 (modelled)
HHFPPC14	Decimal	Proportion of households that were fuel poor in 2014
CNTCH1213	Decimal	Percentage change in number of fuel poor households between 2012 and 2013
CNTCH1314	Decimal	Percentage change in number of fuel poor households between 2013 and 2014
CNTCH1214	Decimal	Percentage change in number of fuel poor households between 2012 and 2014
PCCH1213	Decimal	Percentage change in proportion of households that were fuel poor between 2012 and 2013
PCCH1314	Decimal	Percentage change in proportion of households that were fuel poor between 2013 and 2014
PCCH1214	Decimal	Percentage change in proportion of households that were fuel poor between 2012 and 2014

Note: Councils that also have county functions are also included in the County and Unitary Authority Boundaries with Fuel Poverty Indicators datasets.