



Department for
Business, Energy
& Industrial Strategy

ANNEX B

Data tables



July 2017

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All tables are published as Microsoft Excel files on the BEIS Statistics pages of the Government website:

<https://www.gov.uk/government/collections/national-energy-efficiency-data-need-framework>

If you require these tables in a different format please contact us on the email address below. Any enquiries regarding this publication should also be sent to us at:

EnergyEfficiency.Stats@decc.gsi.gov.uk

1. Domestic Consumption in England and Wales

Headline tables

Headline tables at National level. Mean, median and number in sample for each property attribute and household characteristic for gas and electricity, 2005 to 2015. Data for 2005 to 2010 cover England only, data for 2011 to 2015 cover England and Wales. Attributes and characteristics covered are:

- Floor area
- Number of bedrooms
- Property type
- Property age
- Tenure
- Household income
- Number of adults
- Region
- Output Area Classification
- Rural Urban Classification
- Fuel poverty
- Index of multiple deprivation

Additional tables

Tables at a National level which include headline statistics and details of distributions. Gas and electricity consumption relating to each of the variables outlined above for the headline tables. Data cover 2005 to 2015. Data for 2005 to 2010 cover England only, data for 2011 to 2015 cover England and Wales.

The following statistics are included:

- Mean
- Standard deviation
- 5th percentile
- 10th percentile
- Lower quartile
- Median
- Upper quartile
- 90th percentile
- 95th percentile

Multiple attributes by region table

A single table with multiple property attributes in each row, covering gas and electricity consumption in 2015 for England and Wales:

- Region (country for Wales)
- Property type
- Property age
- Number of bedrooms
- Gas present
- Electricity profile (Standard or Economy 7)

Statistics included are:

- Number in sample
- Mean
- Upper quartile
- Median
- Lower quartile

Local Authority tables 2015

Tables with mean and median gas and electricity consumption in 2015, for each Local authority within England and Wales. Number in sample is also included. Attributes and characteristics covered are:

- Floor area
- Number of bedrooms
- Property type
- Property age
- Tenure
- Household income
- Number of adults

NEED Table Creator

The NEED Table Creator provides users with the ability to create bespoke cross tabulations on consumption by property attributes and household characteristics, based on the data available from NEED. Two variables can be selected to be considered at once (e.g. property age and property type), with mean, median or number of observations shown in the table. There is also a choice of fuel (electricity or gas). The tool includes electricity and gas consumption data for each year from 2005 to 2015.

2. Impact of measures in England and Wales

Headline Tables

Impact of a single measure analysis includes cavity wall insulation, loft insulation, solid wall insulation and a condensing boiler installed in 2014. Impact of a combination of measures analysis includes combinations of the following measures installed: cavity wall insulation, loft insulation, solid wall insulation, condensing boiler and solar PVs.

Tables 1 and 2 include:

- Number in sample
- Median and mean percentage saving
- Median and mean kWh saving

Tables 3 and 4 include:

- Number in sample
- Percentage difference in gas consumption: mean, 5th percentile, lower quartile, median, upper quartile, 95th percentile

3. Scotland

Headline tables

Headline tables for Scotland. Mean, median and number in sample for each property attribute and household characteristic for gas and electricity, 2011 to 2015. Attributes and characteristics covered are:

- Number of bedrooms
- Property type
- Property age
- Tenure
- Household income
- Number of adults occupants

Additional tables

Additional tables for Scotland which include headline statistics and details of distributions. Gas and electricity consumption relating to each of the variables outlined above for the Scotland headline tables. Data cover 2011 to 2015. The following statistics are included:

- Mean
- Standard deviation
- 5th percentile
- 10th percentile
- Lower quartile
- Median
- Upper quartile
- 90th percentile
- 95th percentile

Headline table – Impact of measures

Impact of measures analysis includes cavity wall insulation and loft insulation installed in Scotland in 2013. The table includes:

- Number in sample
- Median and mean percentage saving
- Median and mean kWh saving