



# Annex D: Data tables

# Contents

1.	Headline tables – England and Wales.....	3
2.	Additional tables – England and Wales.....	3
3.	Local Authority tables – England and Wales – publication date: 31 <sup>st</sup> July 2014.....	4
4.	Multiple attributes by region table – England and Wales.....	4
5.	NEED Table Creator – England and Wales.....	5
6.	Headline tables – impact of measures – England and Wales.....	5
7.	Additional tables – impact of measures – England and Wales.....	6
8.	Energy Performance Certificate tables – England and Wales.....	6
9.	Headline tables – Scotland.....	7
10.	Additional tables – Scotland.....	7
11.	Headline table – impact of measures - Scotland.....	7

All tables are published as Microsoft Excel files on the DECC Statistics pages of the Government website. If you require these tables in a different format please contact us on the email address below.

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

Any enquiries regarding this publication should be sent to us at:

[EnergyEfficiency.Stats@decc.gsi.gov.uk](mailto:EnergyEfficiency.Stats@decc.gsi.gov.uk)

## 1. Headline tables – England and Wales

Headline tables at National level. Mean, median and number in sample for each property attribute and household characteristic for gas and electricity, 2005 to 2012<sup>1</sup>. Data for 2005 to 2010 cover England only, data for 2011 and 2012 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

## 2. Additional tables – England and Wales

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 2012. Data for 2005 to 2010 cover England only, data for 2011 and 2012 cover England and Wales. The following statistics are included:

- Mean
- Standard deviation
- 5<sup>th</sup> percentile
- 10<sup>th</sup> percentile
- Lower quartile
- Median
- Upper quartile
- 90<sup>th</sup> percentile
- 95<sup>th</sup> percentile

---

<sup>1</sup> Rural Urban Classification, fuel poverty quintile and index of multiple deprivation cover 2011 and 2012 only.

### 3. Local Authority tables – England and Wales – publication date: 31<sup>st</sup> July 2014

Tables with mean and median gas and electricity consumption in 2012 for each local authority in 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

### 4. Multiple attributes by region table – England and Wales

A single table with multiple property attributes in each row, covering gas and electricity consumption in 2012 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

## 5. NEED Table Creator – England and Wales

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 2012.

## 6. Headline tables – impact of measures – England and Wales

Impact of a single measure analysis includes cavity wall insulation, loft insulation and solid wall insulation installed in 2011. Impact of a combination of measures analysis includes combinations of the following measures installed in 2011: cavity wall insulation, loft insulation and a boiler.

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, 5<sup>th</sup> percentile, lower quartile, median, upper quartile, 95<sup>th</sup> percentile

## 7. Additional tables – impact of measures – England and Wales

The following tables provide a breakdown of gas consumption savings by region, property attributes and household characteristics for each single and/or combination of energy efficiency measures considered in the report. The following variables are included in each table:

- Number in sample
- Percentage saving: mean, 5<sup>th</sup> percentile, lower quartile, median, upper quartile, 95<sup>th</sup> percentile
- Saving (kWh): mean, median

The property attributes and household characteristics breakdowns presented depend upon the sample size being analysed. There are no breakdowns published for solid wall insulation installed in 2011 or properties having the combination of cavity wall insulation, loft insulation and a boiler installed in 2011 due to the small sample sizes analysed. Attributes and characteristics covered are:

- Region
- Property age
- Property type
- Number of bedrooms
- Tenure
- Household income
- Number of adult occupants

## 8. Energy Performance Certificate tables – England and Wales

Tables containing analysis of Energy Performance Certificate data, this includes gas and electricity consumption by energy efficiency band and environmental impact band. Savings in gas consumption following installation of cavity wall insulation and loft insulation by energy efficiency band and environmental impact band are also included.

## 9. Headline tables – Scotland

Headline tables for Scotland. Mean, median and number in sample for each property attribute and household characteristic for gas and electricity, 2011 and 2012. Attributes and characteristics covered are:

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

## 10. Additional tables – Scotland

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 and 2012. The following statistics are included:

- Mean
- Standard deviation
- 5<sup>th</sup> percentile
- 10<sup>th</sup> percentile
- Lower quartile
- Median
- Upper quartile
- 90<sup>th</sup> percentile
- 95<sup>th</sup> percentile

## 11. Headline table – impact of measures - Scotland

Impact of measures analysis includes cavity wall insulation and loft insulation installed in Scotland in 2011. The table includes:

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

© Crown copyright 2014

Department of Energy & Climate Change

3 Whitehall Place

London SW1A 2AW

[www.gov.uk/decc](http://www.gov.uk/decc)

URN 14D/192