



# National Energy Efficiency Data-Framework

## Summary of Analysis using the National Energy Efficiency Data-Framework: Part I Domestic Energy Consumption

### CSVs: Accompanying notes

All data in these CSV files are based on analysis from the National Energy Efficiency Data-Framework. More information on how the outputs are produced is published at <https://www.gov.uk/government/publications/national-energy-efficiency-data-framework-need-report-summary-of-analysis-2013-part-1>.

For queries on the data please contact: [EnergyEfficiency.Stats@decc.gsi.gov.uk](mailto:EnergyEfficiency.Stats@decc.gsi.gov.uk).

A separate file is provided for gas and electricity for each variable:

Table A1 – gas (kWh):	Gas consumption by floor area, 2005 to 2011
Table A2 – elec (kWh):	Electricity consumption by floor area, 2005 to 2011
Table A3 – gas (kWh):	Gas consumption by number of bedrooms, 2005 to 2011
Table A4 – elec (kWh):	Electricity consumption by number of bedrooms, 2005 to 2011
Table A5 – gas (kWh):	Gas consumption by property type, 2005 to 2011
Table A6 – elec (kWh):	Electricity consumption by property type, 2005 to 2011
Table A7 – gas (kWh):	Gas consumption by property age, 2005 to 2011
Table A8 – elec (kWh):	Electricity consumption by property age, 2005 to 2011
Table A9 – gas (kWh):	Gas consumption by tenure, 2005 to 2011
Table A10 – elec (kWh):	Electricity consumption by tenure, 2005 to 2011
Table A11 – gas (kWh):	Gas consumption by household income, 2005 to 2011
Table A12 – elec (kWh):	Electricity consumption by household income, 2005 to 2011
Table A13 – gas (kWh):	Gas consumption by number of adults, 2005 to 2011

Table A14 – elec (kWh): Electricity consumption by number of adults, 2005 to 2011

Table A15 – gas (kWh): Gas consumption by country and region, 2005 to 2011

Table A16 – elec (kWh): Electricity consumption by country and region, 2005 to 2011

Table A17 – gas (kWh): Gas consumption by Output Area Classification, 2005 to 2011

Table A18– elec (kWh): Electricity consumption by Output Area Classification, 2005 to 2011

Each table includes the following columns (from left to right):

Year	2005 -11
<i>Variable name</i>	E.g. Floor area, property type, household income
Number in sample	Number of observations in this category
Percentage of sample	% of total sample (with valid gas or electricity respectively) in this category
Mean	
Standard Deviation	
5 <sup>th</sup> percentile	
10 <sup>th</sup> percentile	
Lower quartile	
Median	
90 <sup>th</sup> percentile	
95 <sup>th</sup> percentile	

## Notes

1. Data for 2005 to 2010 are based on a sample covering England (unless otherwise stated). Data for 2011 are based on a sample for England and Wales.
2. Sample sizes have been rounded to the nearest 10, per cent figures to the nearest 1 and consumption to the nearest 100kWh
3. Only households with valid gas consumption (between 100 kWh and 50,000kWh) in the relevant year have been included in the gas tables.

4. Only households with valid electricity consumption between (100 kWh and 25,000kWh) in the relevant year have been included in the electricity tables.
5. Households with suspected estimated readings have been excluded.
6. Property attribute information is based on data from the Valuation Office Agency.
7. Properties with a floor area over 200 square meters were split into '201 to 250' and 'Over 200'. Due to small sample sizes these two categories have been combined from 2011.
8. Household information (tenure, household income and number of adults) is based on modelled data from Experian.
9. Prior to 2011, Experian data were purchased for around 75 per cent of the NEED sample. It is now purchased for all properties in the UK.
10. Estimates for household income for 2005 to 2010 have been revised, using new income bands. The revised estimates are based on the sample of data for England and Wales for all years (2005 to 2011).
11. Number of adult occupants is being published for the first time and is based on the sample of data for England and Wales for all years (2005 to 2011).
12. Output Area Classification (OAC) is based on the Census 2001 and was developed by the ONS and the University of Leeds.