

**Table 24a English housing conditions: average energy efficiency (SAP) ratings**

*Rating out of 100*

Tenure	1996	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Private sector																
Owner-occupied	43.9	45.0	46.7	47.5	48.1	48.9	50.3	51.5	53.0	54.3	55.6	57.3	58.5	59.7	60.5	60.7
Private rented	40.4	42.8	44.6	46.0	46.4	47.1	49.1	50.4	52.1	53.9	55.2	57.2	58.4	59.7	60.2	60.3
All private sector	43.5	44.7	46.4	47.3	47.9	48.6	50.1	51.3	52.8	54.2	55.5	57.3	58.5	59.7	60.4	60.6
Social sector																
Local authority	-	-	-	-	-	-	-	57.9	59.4	60.8	62.3	64.1	64.9	65.6	66.2	65.9
Housing association	-	-	-	-	-	-	-	60.3	61.9	63.4	64.2	65.2	66.2	67.1	67.7	68.2
All social sector	48.6	51.4	53.7	54.9	56.3	57.3	58.1	59.1	60.7	62.1	63.3	64.7	65.6	66.4	67.0	67.3
All tenures	44.6	46.0	47.8	48.7	49.4	50.2	51.5	52.7	54.1	55.6	56.9	58.6	59.7	60.9	61.5	61.7

Sources: DCLG English Housing Survey Headline Report to 2015/16 and MHCLG English Housing Survey Headline Report 2016 to 2017.

Notes: 1. SAP ratings are energy cost ratings determined by the government's Standard Assessment Procedure. It is an index based on calculated annual space and water heating costs for a standard heating regime expressed on a scale of 1 (highly inefficient) to 100 (highly efficient).

2. All figures are based on the SAP 2012 energy efficiency rating.

3. Separate housing association and local authority estimates are not available prior to 2008.

**Table 24b English housing conditions: Energy Performance Certificate (EPC) Bands**

*Percentage of all dwellings in each band*

Bands	1996	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Band A/B (81-100)	–	–	–	–	–	–	–	–	0.1	0.1	0.2	0.6	1.1	1.3	1.2	1.3
Band C (69-80)	2.0	3.1	3.3	3.8	4.6	4.6	4.9	6.3	9.0	11.7	14.6	17.6	22.0	24.9	27.2	28.4
Band D (55-68)	21.8	26.4	27.6	29.6	34.3	32.7	36.2	38.9	42.3	46.9	49.2	51.2	51.1	51.1	50.3	49.7
Band E (39-54)	47.4	46.9	48.3	47.4	42.4	45.8	43.6	41.0	36.6	31.7	28.4	24.5	19.4	17.1	16.6	15.8
Band F (21-38)	23.4	19.5	17.3	16.5	15.5	14.0	12.7	11.5	9.7	7.5	6.0	4.8	4.9	4.3	3.7	3.6
Band G (1-20)	5.3	4.0	3.4	2.7	3.1	2.8	2.4	2.1	2.2	2.2	1.7	1.3	1.5	1.3	1.0	1.2
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Source: MHCLG (and predecessor) English Housing Survey Headline Report 2015 to 2016 and equivalent previous editions.

Notes: The EPC Bands are based on SAP 2012 ratings (shown in brackets). SAP is the Standard Assessment procedure for energy rating of dwellings.

The EPC bands range from 'G' (very poor) to 'A' (highly efficient).