

## Energy Efficiency of Owner Occupied and Social Housing Sectors

The 2009 House Condition Survey estimated that there were 461,800 properties within the owner occupied sector in Northern Ireland, which represents 62.4% of the housing market. There were 110,200 dwellings in the social housing sector representing 14.9% of the housing stock. The SAP 05 or energy efficiency of dwellings is measured on a scale of 1 to 100 with 1 being extremely poor and 100 being excellent. In 2009 the average SAP 05 of owner-occupied housing was 56 whereas the average SAP 05 for social housing was 63. The energy rating fell within the following bands;

**Table 5; SAP Rating by Band**

SAP 05	Owner occupied		Social Housing	
	No	%	No	%
Less than 20	6,620	1.4	430	0.4
20 – 39	42,480	9.2	6,200	5.6
40 – 59	192,820	41.8	26,150	23.7
60 plus	219,880	47.6	77,420	70.3
Total	461,800	100	110,200	100

Over two thirds of social housing fall into the 60plus band whereas less than half of owner-occupied housing are in this band.

## Loft Insulation by Depth 2009

	Owner Occupied		Social Housing	
	No	%	No	%
Up to 150mm	249,980	61.3	65,370	71.8
More than 150mm	135,480	33.2	23,470	25.8
No Insulation	17,660	4.3	1,290	1.4
Don't know thickness	5,190	1.3	870	1.0
Total	408,310	100	91,000	100

## Double Glazing 2009

	Owner Occupied		Social Housing	
	No	%	No	%
Full	371,310	80.4	79,080	71.8
Partial	64,470	14.0	12,470	11.3
None	26,020	5.6	18,650	16.9
Total	461,800	100	110,200	100

**Wall Insulation 2009**

	Owner Occupied		Social Housing	
	No	%	No	%
Full Cavity Ins	301,860	65.4	98,210	89.1
Partial Cavity Ins	35,660	7.7	2,370	2.1
Int/Ext Wall Ins	33,450	7.2	3,480	3.2
No Wall Insulation	90,830	19.7	6,140	5.6
<b>TOTAL</b>	<b>461,800</b>	<b>100</b>	<b>110,200</b>	<b>100</b>

**Heating Systems 2009**

	Owner Occupied		Social Housing	
	No	%	No	%
<b>CENTRAL HEATING</b>				
Oil	355,300	76.9	45,840	41.6
Gas	51,080	11.1	34,980	31.7
Solid Fuel	13,920	3.0	9,660	8.8
Electric	9,120	2.0	12,010	10.9
Dual Fuel	30,500	6.6	1,930	1.8
Other	0	0	4,990	4.5
<b>NON CENTRAL HEAT</b>	<b>1,880</b>	<b>0.4</b>	<b>790</b>	<b>0.7</b>
<b>Total</b>	<b>461,800</b>	<b>100</b>	<b>110,200</b>	<b>100</b>