

**DETAILED BREAKDOWNS OF FUEL POVERTY IN ENGLAND IN 2004
VERSION 1, APRIL 2006**

A summary report presenting data produced by the Building Research Establishment on behalf of the DTI and Defra.

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Introduction

This document presents a series of detailed tables analysing the headline fuel poverty statistics for 2004. The statistics have been derived from the 2004 combined sample English House Condition Survey (EHCS) dataset. The figures are presented using both the 'full' and 'basic' definitions of income. Categories have been grouped where necessary to ensure that figures quoted are based on large enough samples but caution should be exercised when conducting further analysis to ensure that sample sizes are robust¹. If in any doubt, the Building Research Establishment (BRE) will be able to provide clarification.

Headline Fuel Poverty Analysis 2004

Headline Fuel Poverty Tables With Full Income Definition

	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% vulnerable fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Vulnerable - Private or social						
Private	93.2	6.8	10,861	796	11,657	83.7
Social	95.3	4.7	3,133	155	3,288	16.3
Total	93.6	6.4	13,994	951	14,945	100.0

Table 1 –Vulnerable - Private or social

	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% non-vulnerable fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Non-Vulnerable - Private or social						
Private	95.9	4.1	5,225	224	5,449	78.5
Social	88.6	11.4	476	61	537	21.5
Total	95.2	4.8	5,701	285	5,986	100.0

Table 2 –Non-Vulnerable - Private or social

	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% vulnerable fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Vulnerable - Age of dwelling - 5 bands (post 1975 dwellings grouped)						
pre 1919	88.1	11.9	2,370	320	2,690	33.6
1919 to 1944	92.3	7.7	2,581	215	2,797	22.7
1945 to 1964	92.7	7.3	3,239	255	3,494	26.8
1965 to 1974	95.7	4.3	2,270	103	2,373	10.9
post 1975	98.4	1.6	3,534	57	3,592	6.0
Total	93.6	6.4	13,994	951	14,945	100.0

Table 3 –Vulnerable - Age of dwelling - 5 bands (post 1975 dwellings grouped)

¹ Where appropriate grouping has not been possible and sample sizes are too small figures have been replaced with *.

Non-Vulnerable - Age of dwelling - 5 bands (post 1975 dwellings grouped)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% non-vulnerable fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
pre 1919	92.3	7.7	1,540	129	1,670	45.3
1919 to 1944	95.6	4.4	924	42	966	14.8
1945 to 1964	94.5	5.5	838	49	888	17.3
1965 to 1974	95.5	4.5	789	37	827	13.1
post 1975	98.4	1.6	1,609	*	1,636	*
Total	95.2	4.8	5,701	285	5,986	100.0

Table 4 –Non-Vulnerable - Age of dwelling - 5 bands (post 1975 dwellings grouped)

Social Sector - Household on means tested bens or tax credits (with income under threshold)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% social fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Yes	93.3	6.7	2,504	181	2,685	83.5
No	96.9	3.1	1,105	36	1,141	16.5
Total	94.3	5.7	3,608	217	3,825	100.0

Table 5 –Social Sector - Household on means tested bens or tax credits (with income under threshold)

Social Sector - Fails Decent homes overall	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% social fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Decent	96.3	3.7	2,568	99	2,667	45.6
Not decent	89.8	10.2	1,040	118	1,158	54.4
Total	94.3	5.7	3,608	217	3,825	100.0

Table 6 –Social Sector - Fails Decent homes overall

Headline Fuel Poverty Tables With Basic Income Definition

Vulnerable - Private or social	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% vulnerable fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Private	94.2	5.8	10,978	679	11,657	61.4
Social	87.0	13.0	2,860	428	3,288	38.6
Total	92.6	7.4	13,838	1,107	14,945	100.0

Table 7 –Vulnerable - Private or social

	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% non-vulnerable fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Non-Vulnerable - Private or social						
Private	96.1	3.9	5,235	214	5,449	64.9
Social	78.5	21.5	422	115	537	35.1
Total	94.5	5.5	5,657	330	5,986	100.0

Table 8 –Non-Vulnerable - Private or social

	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% vulnerable fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Vulnerable - Age of dwelling - 5 bands (post 1975 dwellings grouped)						
pre 1919	87.2	12.8	2,346	344	2,690	31.1
1919 to 1944	91.4	8.6	2,557	239	2,797	21.6
1945 to 1964	91.6	8.4	3,200	294	3,494	26.6
1965 to 1974	93.9	6.1	2,227	146	2,373	13.2
post 1975	97.7	2.3	3,508	84	3,592	7.6
Total	92.6	7.4	13,838	1,107	14,945	100.0

Table 9 –Vulnerable - Age of dwelling - 5 bands (post 1975 dwellings grouped)

	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% non-vulnerable fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Non-Vulnerable - Age of dwelling - 5 bands (post 1975 dwellings grouped)						
pre 1919	91.5	8.5	1,528	142	1,670	43.0
1919 to 1944	95.9	4.1	927	39	966	12.0
1945 to 1964	92.8	7.2	824	64	888	19.3
1965 to 1974	93.9	6.1	777	50	827	15.2
post 1975	97.9	2.1	1,601	*	1,636	*
Total	94.5	5.5	5,657	330	5,986	100.0

Table 10 –Non-Vulnerable - Age of dwelling - 5 bands (post 1975 dwellings grouped)

	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% social fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Social Sector - Household on means tested bens or tax credits (with income under threshold)						
Yes	81.0	19.0	2,174	511	2,685	93.9
No	97.1	2.9	1,108	33	1,141	6.1
Total	85.8	14.2	3,282	543	3,825	100.0

Table 11 –Social Sector - Household on means tested bens or tax credits (with income under threshold)

Social Sector - Fails Decent homes overall?	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% social fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Decent	88.3	11.7	2,356	311	2,667	57.3
Not decent	79.9	20.1	926	232	1,158	42.7
Total	85.8	14.2	3,282	543	3,825	100.0

Table 12 –Social Sector - Fails Decent homes overall?

Detailed Fuel Poverty Analysis 2004

Detailed Fuel Poverty Tables With Full Income Definition

Tenure	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Owner occupied	94.4	5.6	14,085	837	14,922	67.7
Private rented	91.6	8.4	2,001	183	2,184	14.8
Local Authority	93.1	6.9	2,063	152	2,215	12.3
RSL	96.0	4.0	1,546	65	1,611	5.2
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 13 -Tenure

Private or social	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Private	94.0	6.0	16,086	1,019	17,106	82.5
Social	94.3	5.7	3,608	217	3,825	17.5
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 14 -Private or social

Household composition - main analysis variable	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
couple, no dependent child(ren), under 60	97.4	2.6	4,092	108	4,200	8.7
couple, no dependent child(ren), aged 60 or over	96.0	4.0	3,223	134	3,356	10.8
couple with dependent child(ren)	98.9	1.1	4,872	54	4,926	4.4
lone parent with dependent child(ren)	93.9	6.1	1,398	91	1,490	7.4
other multi-person households	97.0	3.0	1,402	44	1,445	3.5
one person under 60	86.0	14.0	2,178	356	2,534	28.8
one person aged 60 or over	84.9	15.1	2,530	450	2,980	36.4
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 15 -Household composition - main analysis variable

Age of youngest person in household	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Under 16	97.8	2.2	5,952	135	6,087	10.9
16-24	96.6	3.4	2,178	76	2,254	6.1
25-59	93.5	6.5	6,574	455	7,029	36.8
60-74	92.3	7.7	3,332	278	3,610	22.5
75 or over	85.0	15.0	1,660	292	1,952	23.6
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 16 -Age of youngest person in household

Age of oldest person in household	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
16 - 24	89.1	10.9	484	59	543	4.8
25 - 34	96.7	3.3	2,705	91	2,796	7.4
35 - 49	96.8	3.2	6,114	205	6,318	16.6
50 - 59	92.9	7.1	3,653	278	3,931	22.5
60 - 74	93.8	6.2	4,332	286	4,618	23.1
75 - 84	89.6	10.4	1,929	223	2,152	18.0
85 or more	83.5	16.5	478	95	573	7.7
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 17 -Age of oldest person in household

No of people aged 60 plus who are HRP or partner	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
0	95.4	4.6	13,149	632	13,781	51.2
1	88.8	11.2	3,865	485	4,350	39.2
2	95.8	4.2	2,682	119	2,800	9.6
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 18 -No of people aged 60 plus who are HRP or partner

Household size (4+ grouped)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
1	85.4	14.6	4,708	806	5,514	65.2
2	95.9	4.1	7,299	315	7,615	25.5
3	98.0	2.0	3,188	66	3,254	5.3
4 or more	98.9	1.1	4,500	49	4,549	4.0
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 19 -Household size (4+ grouped)

Primary working status of HRP - 3 categories	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Working	98.5	1.5	12,312	194	12,506	15.7
Unemployed	75.7	24.3	374	120	494	9.7
Inactive	88.4	11.6	7,008	923	7,931	74.6
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 20 -Primary working status of HRP - 3 categories

Ethnic origin of HRP - 2 categories	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
white	94.0	6.0	18,157	1,160	19,317	93.9
ethnic minority	95.3	4.7	1,538	76	1,614	6.1
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 21 -Ethnic origin of HRP - 2 categories

Someone in household has a long term illness or disability	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Yes	91.6	8.4	5,605	512	6,117	41.4
No	95.1	4.9	14,090	724	14,814	58.6
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 22 -Someone in household has a long term illness or disability

Under occupancy	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
not under occupying	95.8	4.2	14,693	648	15,341	52.4
under occupying	89.5	10.5	5,001	589	5,590	47.6
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 23 -Under occupancy

Household on means tested bens (or tax credits with income under threshold)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Yes	86.2	13.8	4,053	647	4,700	52.3
No	96.4	3.6	15,642	589	16,231	47.7
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 24 -Household on means tested bens (or tax credits with income under threshold)

Method of payment - electricity	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
direct debit	96.6	3.4	10,231	362	10,593	29.3
standard credit	92.2	7.8	6,693	562	7,255	45.5
pre payment	89.9	10.1	2,771	312	3,083	25.2
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 25 -Method of payment - electricity

Method of payment - gas	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
direct debit	97.2	2.8	9,484	277	9,761	22.4
standard credit	93.9	6.1	5,814	376	6,190	30.4
pre payment	91.3	8.7	1,985	190	2,175	15.4
n/a - no gas	86.0	14.0	2,412	394	2,805	31.8
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 26 -Method of payment - gas

Household in lowest 30% of incomes (full income)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
no	99.6	0.4	14,612	59	14,671	4.8
yes	81.2	18.8	5,083	1,177	6,260	95.2
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 27 -Household in lowest 30% of incomes (full income)

Household full income deciles (4th to 10th decile grouped)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
1st decile	56.8	43.2	1,184	899	2,082	72.7
2nd decile	90.9	9.1	1,898	189	2,087	15.3
3rd decile	95.8	4.2	2,002	89	2,091	7.2
4th to 10th deciles	99.6	0.4	14,612	59	14,671	4.8
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 28 -Household full income deciles (4th to 10th decile grouped)

Type of area	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
urban	93.2	6.8	4,598	334	4,932	27.0
suburban	95.0	5.0	11,012	577	11,589	46.6
Rural	92.6	7.4	4,085	325	4,410	26.3
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 29 -Type of area

Government office region	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
North East	90.5	9.5	987	103	1,090	8.3
Yorks & Humber	92.3	7.7	1,944	163	2,107	13.2
North West	93.4	6.6	2,675	190	2,865	15.3
East Midlands	94.3	5.7	1,675	101	1,777	8.2
West Midlands	93.0	7.0	2,043	153	2,196	12.4
South West	93.8	6.2	2,033	134	2,166	10.8
East England	93.9	6.1	2,159	141	2,300	11.4
South East	96.1	3.9	3,257	133	3,390	10.7
London	96.1	3.9	2,922	119	3,041	9.6
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 30 -Government office region

Council Tax Band (F, G & H grouped)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
A	90.6	9.4	4,484	464	4,947	37.5
B	94.3	5.7	3,909	238	4,147	19.3
C	95.4	4.6	4,390	213	4,603	17.2
D	95.3	4.7	3,146	154	3,299	12.4
E	95.8	4.2	1,978	87	2,065	7.0
F, G and H	95.7	4.3	1,788	81	1,870	6.6
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 31 -Council Tax Band (F, G & H grouped)

Dwelling type (converted flats and non-residential grouped)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
end terrace	91.7	8.3	1,865	169	2,034	13.6
mid terrace	94.4	5.6	3,919	234	4,154	19.0
semi-detached	93.9	6.1	6,188	399	6,587	32.3
detached	94.6	5.4	4,481	256	4,737	20.7
purpose built flat	95.8	4.2	2,691	119	2,810	9.6
converted flat	90.3	9.7	551	59	610	4.8
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 32 -Dwelling type (converted flats and non-residential grouped)

Age of dwelling (post 1975 dwellings grouped)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
pre 1850	91.3	8.7	641	61	702	5.0
1850 to 1899	88.0	12.0	1,699	232	1,931	18.7
1900 to 1918	91.0	9.0	1,570	156	1,726	12.6
1919 to 1944	93.2	6.8	3,505	258	3,763	20.8
1945 to 1964	93.1	6.9	4,077	304	4,382	24.6
1965 to 1974	95.6	4.4	3,059	141	3,200	11.4
post 1975	98.4	1.6	5,144	84	5,228	6.8
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 33 -Age of dwelling (post 1975 dwellings grouped)

Banded SAP - 3 Bands	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
< 30	71.2	28.8	1,253	507	1,760	41.0
30-65	95.4	4.6	14,350	695	15,045	56.2
> 65	99.2	0.8	4,092	*	4,126	*
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 34 -Banded SAP - 3 Bands

Banded SAP - 5 Bands	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
< 20	58.7	41.3	459	324	783	26.2
20-30	81.2	18.8	794	184	978	14.8
30-50	93.7	6.3	6,874	462	7,337	37.4
50-65	97.0	3.0	7,476	233	7,709	18.8
> 65	99.2	0.8	4,092	*	4,126	*
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 35 -Banded SAP - 5 Bands

Banded SAP - 5 bands (top band of 60+)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
< 20	58.7	41.3	459	324	783	26.2
20-30	81.2	18.8	794	184	978	14.8
30-50	93.7	6.3	6,874	462	7,337	37.4
50-60	96.7	3.3	5,301	182	5,483	14.7
> 60	98.7	1.3	6,267	85	6,351	6.8
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 36 -Banded SAP - 5 bands (top band of 60+)

Banded SAP 2003 - 6 bands	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
< 20	58.7	41.3	459	324	783	26.2
20-30	81.2	18.8	794	184	978	14.8
30-40	91.1	8.9	2,198	216	2,414	17.5
40-50	95.0	5.0	4,676	246	4,922	19.9
50-65	97.0	3.0	7,476	233	7,709	18.8
>65	99.2	0.8	4,092	*	4,126	*
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 37 -Banded SAP 2003 - 6 bands

Banded SAP - 6 bands (top band of 60+)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
< 20	58.7	41.3	459	324	783	26.2
20-30	81.2	18.8	794	184	978	14.8
30-40	91.1	8.9	2,198	216	2,414	17.5
40-50	95.0	5.0	4,676	246	4,922	19.9
50-60	96.7	3.3	5,301	182	5,483	14.7
> 60	98.7	1.3	6,267	85	6,351	6.8
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 38 -Banded SAP - 6 bands (top band of 60+)

Central heating	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Central heating present	95.0	5.0	18,937	995	19,932	80.4
No central heating present	75.8	24.2	758	242	999	19.6
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 39 -Central heating

Boiler type (condensing grouped)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Standard Boiler (floor or wall)	96.0	4.0	9,082	377	9,459	30.5
Back Boiler (to fire or stove)	89.7	10.3	2,108	243	2,351	19.6
Combination Boiler	97.1	2.9	5,511	165	5,675	13.3
Condensing or Condensing-Combi Boiler	98.1	1.9	589	12	601	0.9
No Boiler	84.5	15.5	2,405	440	2,846	35.6
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 40 -Boiler type (condensing grouped)

More than 50% of dwelling has cavity walls	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Cavity walls in more than 50% of dwelling	95.6	4.4	14,006	648	14,654	52.4
Other wall types dominant	90.6	9.4	5,689	588	6,277	47.6
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 41 -More than 50% of dwelling has cavity walls

Cavity wall insulation present	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Cavity wall insulation present	96.9	3.1	5,543	176	5,719	14.2
Cavity present but not insulated	94.7	5.3	8,463	473	8,935	38.2
No cavity present	90.6	9.4	5,689	588	6,277	47.6
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 42 -Cavity wall insulation present

Fails Decent homes overall	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Decent	96.6	3.4	14,475	510	14,985	41.3
Not decent	87.8	12.2	5,220	726	5,946	58.7
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 43 -Fails Decent homes overall

	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Fails decent homes on thermal comfort						
No	96.1	3.9	15,912	647	16,559	52.3
Yes	86.5	13.5	3,783	589	4,372	47.7
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 44 -Fails decent homes on thermal comfort

Detailed Fuel Poverty Tables With Basic Income Definition

Tenure	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Owner occupied	95.9	4.1	14,308	614	14,922	42.7
Private rented	87.2	12.8	1,905	279	2,184	19.4
Local Authority	83.9	16.1	1,858	357	2,215	24.8
RSL	88.4	11.6	1,424	187	1,611	13.0
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 45 -Tenure

Private or social	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Private	94.8	5.2	16,212	893	17,106	62.2
Social	85.8	14.2	3,282	543	3,825	37.8
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 46 -Private or social

Household composition	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
couple, no dependent child(ren), under 60	97.4	2.6	4,089	111	4,200	7.7
couple, no dependent child(ren), aged 60 or over	97.2	2.8	3,261	95	3,356	6.6
couple with dependent child(ren)	99.0	1.0	4,879	48	4,926	3.3
lone parent with dependent child(ren)	86.4	13.6	1,287	203	1,490	14.1
other multi-person households	96.0	4.0	1,387	58	1,445	4.0
one person under 60	80.6	19.4	2,041	492	2,534	34.3
one person aged 60 or over	85.6	14.4	2,550	430	2,980	29.9
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 47 -Household composition

Age of youngest person in household	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Under 16	96.0	4.0	5,844	242	6,087	16.9
16-24	95.5	4.5	2,153	101	2,254	7.0
25-59	91.8	8.2	6,452	577	7,029	40.2
60-74	92.5	7.5	3,338	272	3,610	18.9
75 or over	87.4	12.6	1,707	245	1,952	17.1
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 48 -Age of youngest person in household

Age of oldest person in household	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
16 - 24	79.5	20.5	432	111	543	7.7
25 - 34	94.8	5.2	2,651	144	2,796	10.0
35 - 49	94.9	5.1	5,995	324	6,318	22.5
50 - 59	92.0	8.0	3,616	315	3,931	21.9
60 - 74	94.0	6.0	4,340	279	4,618	19.4
75 - 84	91.1	8.9	1,961	191	2,152	13.3
85 or more	87.3	12.7	500	73	573	5.1
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 49 -Age of oldest person in household

No of people aged 60 plus who are HRP or partner	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
0	93.5	6.5	12,887	894	13,781	62.2
1	89.4	10.6	3,891	459	4,350	32.0
2	97.0	3.0	2,717	84	2,800	5.8
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 50 -No of people aged 60 plus who are HRP or partner

Household size (4+ grouped)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
1	83.3	16.7	4,591	922	5,514	64.2
2	95.2	4.8	7,246	368	7,615	25.6
3	97.3	2.7	3,165	89	3,254	6.2
4 or more	98.7	1.3	4,491	58	4,549	4.0
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 51 -Household size (4+ grouped)

Primary working status of HRP - 3 categories	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Working	98.7	1.3	12,342	164	12,506	11.4
Unemployed	57.1	42.9	282	212	494	14.7
Inactive	86.6	13.4	6,870	1,061	7,931	73.9
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 52 -Primary working status of HRP - 3 categories

Ethnic origin of HRP - 2 categories	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
white	93.2	6.8	17,999	1,318	19,317	91.7
ethnic minority	92.6	7.4	1,495	119	1,614	8.3
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 53 -Ethnic origin of HRP - 2 categories

Someone in household has a long term illness or disability	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Yes	89.7	10.3	5,484	633	6,117	44.1
No	94.6	5.4	14,010	804	14,814	55.9
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 54 -Someone in household has a long term illness or disability

Under occupancy	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
not under occupying	94.2	5.8	14,457	884	15,341	61.6
under occupying	90.1	9.9	5,038	552	5,590	38.4
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 55 -Under occupancy

Household on means tested bens (or tax credits with income under threshold)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Yes	78.6	21.4	3,694	1,005	4,700	70.0
No	97.3	2.7	15,800	432	16,231	30.0
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 56 -Household on means tested bens (or tax credits with income under threshold)

Method of payment - electricity	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
direct debit	97.2	2.8	10,294	299	10,593	20.8
standard credit	92.1	7.9	6,679	576	7,255	40.1
pre payment	81.8	18.2	2,521	562	3,083	39.1
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 57 -Method of payment - electricity

Method of payment - gas	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
direct debit	97.8	2.2	9,545	215	9,761	15.0
standard credit	93.2	6.8	5,770	421	6,190	29.3
pre payment	82.9	17.1	1,804	371	2,175	25.8
n/a - no gas	84.7	15.3	2,376	430	2,805	29.9
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 58 -Method of payment - gas

Household in lowest 30% of incomes (basic income)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
rest	99.7	0.3	14,622	49	14,671	3.4
lowest 30%	77.8	22.2	4,872	1,388	6,260	96.6
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 59 -Household in lowest 30% of incomes (basic income)

Household basic income deciles (4th to 10th decile grouped)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
1st decile	50.3	49.7	1,047	1,035	2,082	72.0
2nd decile	86.7	13.3	1,810	278	2,088	19.3
3rd decile	96.4	3.6	2,015	75	2,090	5.2
4th to 10th deciles	99.7	0.3	14,622	49	14,671	3.4
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 60 -Household basic income deciles (4th to 10th decile grouped)

Type of area	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
urban	90.4	9.6	4,598	334	4,932	27.0
suburban	95.0	5.0	11,012	577	11,589	46.6
rural	92.6	7.4	4,085	325	4,410	26.3
Total	94.1	5.9	19,695	1,236	20,931	100.0

Table 61 -Type of area

Government office region	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
North East	88.2	11.8	962	128	1,090	8.9
Yorks & Humber	91.0	9.0	1,918	189	2,107	13.2
North West	92.0	8.0	2,635	230	2,865	16.0
East Midlands	94.0	6.0	1,670	107	1,777	7.4
West Midlands	91.6	8.4	2,012	183	2,196	12.8
South West	92.9	7.1	2,012	154	2,166	10.8
East England	94.1	5.9	2,165	136	2,300	9.4
South East	96.1	3.9	3,256	134	3,390	9.3
London	94.2	5.8	2,864	176	3,041	12.3
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 62 -Government office region

Council Tax Band (F, G & H grouped)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
A	86.1	13.9	4,260	687	4,947	47.8
B	93.0	7.0	3,859	288	4,147	20.1
C	95.5	4.5	4,397	206	4,603	14.3
D	96.3	3.7	3,176	124	3,299	8.6
E	96.6	3.4	1,994	71	2,065	4.9
F, G and H	96.8	3.2	1,809	61	1,870	4.2
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 63 -Council Tax Band (F, G & H grouped)

Dwelling type (converted flats and non-residential grouped)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
end terrace	89.9	10.1	1,828	206	2,034	14.3
mid terrace	93.1	6.9	3,866	288	4,154	20.0
semi-detached	93.5	6.5	6,162	425	6,587	29.6
detached	96.2	3.8	4,558	179	4,737	12.5
purpose built flat	91.0	9.0	2,558	251	2,810	17.5
converted flat	85.6	14.4	522	88	610	6.1
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 64 -Dwelling type (converted flats and non-residential grouped)

Age of dwelling (post 1975 dwellings grouped)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
pre 1850	90.7	9.3	637	66	702	4.6
1850 to 1899	87.5	12.5	1,689	242	1,931	16.8
1900 to 1918	89.7	10.3	1,548	178	1,726	12.4
1919 to 1944	92.6	7.4	3,484	279	3,763	19.4
1945 to 1964	91.8	8.2	4,024	358	4,382	24.9
1965 to 1974	93.9	6.1	3,004	196	3,200	13.6
post 1975	97.7	2.3	5,109	119	5,228	8.3
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 65 -Age of dwelling (post 1975 dwellings grouped)

Banded SAP - 3 Bands	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
< 30	71.8	28.2	1,263	497	1,760	34.6
30-65	94.4	5.6	14,197	848	15,045	59.0
> 65	97.8	2.2	4,034	92	4,126	6.4
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 66 -Banded SAP - 3 Bands

Banded SAP - 5 Bands	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
< 20	59.2	40.8	464	319	783	22.2
20-30	81.8	18.2	800	178	978	12.4
30-50	93.1	6.9	6,832	505	7,337	35.1
50-65	95.5	4.5	7,365	344	7,709	23.9
> 65	97.8	2.2	4,034	92	4,126	6.4
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 67 -Banded SAP - 5 Bands

Banded SAP - 5 bands (top band of 60+)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
< 20	59.2	40.8	464	319	783	22.2
20-30	81.8	18.2	800	178	978	12.4
30-50	93.1	6.9	6,832	505	7,337	35.1
50-60	95.3	4.7	5,228	255	5,483	17.7
> 60	97.2	2.8	6,171	180	6,351	12.5
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 68 -Banded SAP - 5 bands (top band of 60+)

Banded SAP 2003 - 6 bands	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
< 20	59.2	40.8	464	319	783	22.2
20-30	81.8	18.2	800	178	978	12.4
30-40	90.7	9.3	2,189	225	2,414	15.7
40-50	94.3	5.7	4,643	279	4,922	19.4
50-65	95.5	4.5	7,365	344	7,709	23.9
>65	97.8	2.2	4,034	92	4,126	6.4
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 69 -Banded SAP 2003 - 6 bands

Banded SAP - 6 bands (top band of 60+)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
< 20	59.2	40.8	464	319	783	22.2
20-30	81.8	18.2	800	178	978	12.4
30-40	90.7	9.3	2,189	225	2,414	15.7
40-50	94.3	5.7	4,643	279	4,922	19.4
50-60	95.3	4.7	5,228	255	5,483	17.7
> 60	97.2	2.8	6,171	180	6,351	12.5
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 70 -Banded SAP - 6 bands (top band of 60+)

Central heating	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Central heating present	94.0	6.0	18,733	1,198	19,932	83.4
No central heating present	76.1	23.9	761	239	999	16.6
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 71 -Central heating

Boiler type (condensing grouped)	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Standard Boiler (floor or wall)	95.8	4.2	9,066	393	9,459	27.3
Back Boiler (to fire or stove)	87.3	12.7	2,052	298	2,351	20.8
Combination Boiler	95.8	4.2	5,439	236	5,675	16.4
Condensing or Condensing-Combi Boiler	97.0	3.0	583	18	601	1.2
No Boiler	82.7	17.3	2,354	492	2,846	34.2
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 72 -Boiler type (condensing grouped)

More than 50% of dwelling has cavity walls	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Cavity walls in more than 50% of dwelling	94.7	5.3	13,879	776	14,654	54.0
Other wall types dominant	89.5	10.5	5,616	661	6,277	46.0
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 73 -More than 50% of dwelling has cavity walls

Cavity wall insulation present	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Cavity wall insulation present	95.8	4.2	5,478	241	5,719	16.8
Cavity present but not insulated	94.0	6.0	8,401	535	8,935	37.2
No cavity present	89.5	10.5	5,616	661	6,277	46.0
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 74 -Cavity wall insulation present

Fails Decent homes overall	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
Decent	95.6	4.4	14,323	662	14,985	46.1
Not decent	87.0	13.0	5,172	774	5,946	53.9
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 75 -Fails Decent homes overall

Fails decent homes on thermal comfort	% Households in Group		Number (1,000's) Households in Group		Total number of households (1,000s)	% Total fuel poor in group
	Not Fuel Poor	Fuel Poor	Not Fuel Poor	Fuel Poor		
No	95.0	5.0	15,732	827	16,559	57.6
Yes	86.0	14.0	3,762	610	4,372	42.4
Total	93.1	6.9	19,494	1,437	20,931	100.0

Table 76 -Fails decent homes on thermal comfort

Fuel Poverty Severity Analysis

FP Severity - All households	% of Whole Stock	Number Households (1,000s)	Average Full Income	Average Fuel Costs	Average SAP	Average Floor Area
up to 5%	70.16	14,686	29,875	692	55	88
5% to 10 %	23.93	5,009	11,388	747	47	81
10% to 15%	4.37	915	7,383	858	37	85
15% to 20%	0.98	206	6,673	1,112	26	86
over 20%	0.55	116	4,800	1,233	21	94
Total	100.00	20,931	24,101	720	52	86

Table 77 -FP Severity - All households

FP Severity - Vulnerable households	% of Whole Stock	Number Households (1,000s)	Average Full Income	Average Fuel Costs	Average SAP	Average Floor Area
up to 5%	65.66	9,813	28,236	711	55	90
5% to 10 %	27.98	4,181	11,448	751	48	81
10% to 15%	4.87	728	7,447	863	37	87
15% to 20%	1.02	152	6,678	1,113	26	87
over 20%	0.47	70	5,366	1,383	14	97
Total	100.00	14,945	22,199	737	52	88

Table 78 -FP Severity - Vulnerable households

FP Severity - Non-vulnerable households	% of Whole Stock	Number Households (1,000s)	Average Full Income	Average Fuel Costs	Average SAP	Average Floor Area
up to 5%	81.41	4,873	33,175	653	54	83
5% to 10 %	13.83	828	11,083	728	45	79
10% to 15%	3.11	186	7,137	841	35	76
15% to 20%	0.90	54	6,657	1,109	26	80
over 20%	0.76	45	3,923	1,001	31	90
Total	100.00	5,986	28,851	676	52	82

Table 79 -FP Severity - Non-vulnerable households