

Table 1: Energy Consumption in 2009 in Trillions of Btu

Total	94,957	100.00%
Residential Sector	21,111	20.96%
Manufactured Housing	1,284	1.35%
Energy lost in generation and transmission	898	0.95%
Consumed by Residence	427	0.45%
Single Family and Multifamily Built before 2000	16,744	17.63%
Energy lost in generation and transmission	15,904	16.75%
Consumed by Residence	7,565	7.97%
Single Family and Multifamily Built 2000-2009	3,082	3.25%
Energy lost in generation and transmission	2,594	2.73%
Consumed by Residence	1,234	1.30%

Sources: Annual Energy Review by the Energy Information Administration; the 2009 Residential Energy Consumption Survey, Energy Information Administration.

Table 2: Average Energy Consumption (BTUs in thousands per housing unit)
Single-Family Detached Homes by Year Built

	Before 1950	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009
Electricity consumed at the residence							
HVAC	6,140	6,533	8,937	10,645	12,024	13,959	14,599
Other	31,581	28,882	32,392	36,510	36,748	38,414	38,444
Total	37,721	35,416	41,329	47,156	48,772	52,373	53,043
Electricity lost in generation and transmission							
HVAC	12,910	13,736	18,790	22,381	25,279	29,349	30,694
Other	66,398	60,724	68,103	76,761	77,261	80,763	80,826
Total	79,307	74,460	86,893	99,142	102,541	110,112	111,520
Fuels other than electricity (natural gas, etc..)							
HVAC	60,107	46,047	40,120	32,156	29,666	33,405	32,493
Other	20,378	23,352	21,828	18,434	19,083	19,791	22,877
Total	80,486	69,399	68,103	76,761	77,261	80,763	80,826
Total energy used	197,514	179,275	196,326	223,059	228,574	243,249	245,388
Total energy for HVAC only	79,157	66,317	67,847	65,182	66,969	76,713	77,786

Other energy includes natural gas, fuel oil, liquified petroleum gas, kerosene, wood, and solar power

Source: NAHB tabulation of data from the 2009 Residential Energy Consumption Survey, Energy Information Administration.

Table 3: Average Energy Consumption (BTUs in thousands per square foot)
Single-Family Detached Homes by Year Built

	Before 1950	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009
Electricity consumed at the residence							
HVAC	4.2	5.0	6.2	6.7	7.2	7.0	6.5
Other	22.2	20.2	22.3	22.5	21.5	20.4	18.3
Total	26.4	25.2	28.5	29.2	28.7	27.4	24.8
Electricity lost in generation and transmission							
HVAC	8.8	10.5	13.0	14.1	15.0	14.7	13.7
Other	46.7	42.5	46.8	47.3	45.2	42.9	38.5
Total	55.5	52.9	59.8	61.4	60.3	57.7	52.2
Fuels other than electricity (natural gas, etc..)							
HVAC	39.9	30.4	26.5	18.6	15.6	15.1	13.9
Other	13.7	16.3	15.3	11.4	10.2	9.0	9.2
Total	53.5	46.7	41.8	30.0	25.8	24.1	23.1
Total energy used	135.4	124.8	130.1	120.6	114.7	109.2	100.1
Total energy for HVAC only	52.8	45.9	45.6	39.3	37.8	36.9	34.1

Other energy includes natural gas, fuel oil, liquified petroleum gas, kerosene, wood, and solar power

Source: NAHB tabulation of data from the 2009 Residential Energy Consumption Survey, Energy Information Administration.