



U.S. Residential Buildings Weather-Adjusted Primary Consumption

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Table 8c. U.S. Residential Using Weather-Adjusted Primary Energy¹ by Census Region and Type of Housing Unit, 1980-2005
(Thousand Btu per Square Foot)

Type of Housing Unit and Census Region	1980	1981	1982	1984	1987	1990	1993	1997 ²	2001	2005
U.S. Total	97	98	92	98	96	95	89	102	81	73
Mobile Home	173	160	151	161	164	157	159	160	153	139
Single-Family Detached	89	92	86	91	89	88	83	97	77	66
Single-Family Attached	89	81	88	90	86	95	88	101	71	72
Apartments in Buildings with 2 to 4 Units	131	120	113	114	118	121	114	137	93	122
Apartments in Buildings with 5 or More Units	133	126	125	133	130	115	104	104	99	114
Total Northeast	90	89	84	90	90	87	81	97	73	71
Mobile Home	164	159	185	174	178	161	149	149	145	125
Single-Family Detached	74	76	70	78	78	78	73	89	67	61
Single-Family Attached	90	75	88	85	87	82	80	109	69	69
Apartments in Buildings with 2 to 4 Units	130	123	111	112	112	124	103	134	79	124
Apartments in Buildings with 5 or More Units	164	150	152	159	143	107	109	112	98	130
Total Midwest	99	104	93	100	94	94	89	102	79	72
Mobile Home	196	187	165	183	185	170	171	196	169	142
Single-Family Detached	93	99	86	92	87	86	82	96	76	67
Single-Family Attached	102	99	103	87	73	98	84	106	67	64
Apartments in Buildings with 2 to 4 Units	140	121	116	119	127	126	141	163	105	115
Apartments in Buildings with 5 or More Units	130	141	131	145	142	118	121	114	93	111
Total South	108	103	104	106	108	107	103	114	92	77
Mobile Home	178	155	157	155	169	161	164	157	162	149
Single-Family Detached	101	99	98	100	101	102	97	112	86	68
Single-Family Attached	90	90	96	111	98	108	107	101	82	94
Apartments in Buildings with 2 to 4 Units	130	132	129	127	131	127	120	132	114	140
Apartments in Buildings with 5 or More Units	137	110	142	141	141	133	112	110	122	118

Total West	86	94	85	93	86	89	77	89	72	71
Mobile Home	153	149	120	146	126	133	140	150	128	121
Single-Family Detached	81	91	83	90	81	83	73	86	67	66
Single-Family Attached	80	77	77	64	80	105	72	85	63	64
Apartments in Buildings with 2 to 4 Units	118	101	99	102	103	101	103	96	87	107
Apartments in Buildings with 5 or More Units	85	99	80	97	96	101	79	86	82	91

1. The amount of site consumption, plus losses that occur in the generation, transmission, and distribution of energy.

2. In the 1997 RECS the floor area of the housing unit was not measured. The heated floorspace was estimated using regression analysis. Except for 1997, estimates include all the floor area of the housing unit that was enclosed from the weather.

Sources: Energy Information Administration, Residential Energy Consumption Surveys 1980, 1981, 1982, 1984, 1987, 1990, 1993, 1997, 2001, and 2005; National Oceanic and Atmospheric Administration tapes.