



U.S. Residential Housing Site

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Table 5c. U.S. Residential Using Site 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	65	64	60	63	58	54	55	61	45	41
Mobile Home	100	92	83	87	89	83	84	80	71	66
Single-Family Detached	59	60	55	57	53	51	52	58	42	37
Single-Family Attached	65	55	63	59	52	52	54	64	42	43
Apartments in Buildings with 2 to 4 Units	103	88	85	84	81	80	83	93	56	78
Apartments in Buildings with 5 or More Units	90	80	85	87	80	62	60	57	48	62
Total Northeast	70	67	64	65	64	57	60	69	48	50
Mobile Home	108	103	128	113	119	90	95	92	85	87
Single-Family Detached	55	56	51	54	54	50	53	62	44	43
Single-Family Attached	71	58	68	64	63	55	59	80	48	48
Apartments in Buildings with 2 to 4 Units	113	102	90	90	88	91	84	105	55	96
Apartments in Buildings with 5 or More Units	132	115	122	121	106	70	78	80	59	94
Total Midwest	73	75	65	71	62	60	62	70	49	44
Mobile Home	136	132	97	108	109	101	107	126	99	87
Single-Family Detached	67	71	60	65	56	55	56	65	47	41
Single-Family Attached	70	71	57	61	46	60	61	78	43	41
Apartments in Buildings with 2 to 4 Units	115	90	93	95	95	91	116	122	70	76
Apartments in Buildings with 5 or More Units	89	93	95	111	100	68	76	72	49	68
Total South	61	57	56	56	55	50	52	54	42	35
Mobile Home	91	77	73	68	77	69	70	65	62	62
Single-Family Detached	57	56	53	54	53	48	51	54	41	31
Single-Family Attached	62	49	60	51	40	42	51	46	38	44
Apartments in Buildings with 2 to 4 Units	81	70	74	73	67	57	54	60	46	65
Apartments in Buildings with 5 or More Units	72	53	76	70	69	55	49	44	47	50

Total West	54	57	55	57	50	51	46	51	40	39
Mobile Home	95	82	75	85	74	77	81	78	65	63
Single-Family Detached	51	56	54	55	47	48	45	50	38	37
Single-Family Attached	52	46	54	47	50	56	42	50	38	37
Apartments in Buildings with 2 to 4 Units	78	61	68	62	59	62	62	58	47	60
Apartments in Buildings with 5 or More Units	51	56	47	57	56	57	42	43	40	44

1. The Btu value of energy at the point it enters the home, building, or establishment, sometimes referred to as "delivered" 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.