



U.S. Residential Buildings Primary Energy Intensity

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Table 8b. U.S. Residential Energy Intensity Using Weather-Adjusted Primary Energy¹ by Census Region and Type of Housing Unit, 1978-2005 (Million Btu per Household Member)

Type of Housing Unit and Census Region	1978	1980	1981	1982	1984	1987	1990	1993	1997	2001	2005
U.S. Total	68	61	62	58	60	64	66	64	66	65	66
Mobile Home	59	57	57	51	55	56	55	59	63	63	60
Single-Family Detached	70	63	64	59	63	67	69	69	70	71	71
Single-Family Attached	64	52	56	54	63	67	66	61	63	63	60
Apartments in Buildings with 2 to 4 Units	68	56	62	55	53	57	64	57	60	57	55
Apartments in Buildings with 5 or More Units	54	57	57	59	54	55	49	45	43	42	49
Total Northeast	70	62	63	59	63	67	69	64	68	67	67
Mobile Home	82	54	51	52	63	55	52	65	72	68	65
Single-Family Detached	73	63	63	59	67	73	76	73	75	78	76
Single-Family Attached	60	53	58	61	63	64	61	54	69	62	57
Apartments in Buildings with 2 to 4 Units	74	64	63	55	59	61	67	60	62	66	61
Apartments in Buildings with 5 or More Units	58	66	69	62	57	58	50	44	44	42	50
Total Midwest	75	67	75	63	69	73	76	76	75	75	74
Mobile Home	68	72	75	58	65	63	63	65	75	71	70
Single-Family Detached	77	69	78	64	71	75	78	79	78	79	77
Single-Family Attached	81	56	70	61	72	71	74	80	74	70	74
Apartments in Buildings with 2 to 4 Units	69	55	74	58	61	71	84	72	70	64	78
Apartments in Buildings with 5 or More Units	54	58	56	60	63	67	61	58	49	52	52
Total South	60	61	59	61	58	64	67	68	70	71	70
Mobile Home	50	54	49	47	47	52	48	56	62	61	62
Single-Family Detached	64	63	60	61	60	66	71	71	74	76	75
Single-Family Attached	62	57	54	56	68	73	66	72	68	76	65
Apartments in Buildings with 2 to 4 Units	57	51	59	65	51	51	55	50	57	58	55
Apartments in Buildings with 5 or More Units	46	57	56	66	51	57	54	55	50	53	55

Total West	67	50	51	49	51	50	50	47	49	46	51
Mobile Home	79	56	68	55	60	56	58	56	56	61	51
Single-Family Detached	68	52	53	50	55	53	52	52	53	52	55
Single-Family Attached	65	45	49	38	38	55	74	45	44	38	48
Apartments in Buildings with 2 to 4 Units	67	45	41	42	38	42	44	40	38	32	33
Apartments in Buildings with 5 or More Units	58	43	41	49	45	42	36	30	33	30	36

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

Sources: Energy Information Administration, Residential Energy Consumption Surveys, 1978, 1980, 1981, 1982, 1984, 1987, 1990, 1993, 1997, 2001, and 2005; National Oceanic and Atmospheric Administration tapes.