



## U.S. Residential Housing Primary Energy Intensity

Page Last Revised: July 2009

**Table 7b. U.S. Residential Energy Intensity Using Primary Energy<sup>1</sup> by Census Region and Type of Housing Unit 1978-2005**  
(Million Btu per Household Member)

Type of Housing Unit and Census Region	1978	1979	1980	1981	1982	1984	1987	1990	1993	1997	2001	2005
<b>U.S. Total</b>	72	68	63	63	59	61	63	63	66	66	64	66
Mobile Home	63	62	58	57	52	56	55	53	60	64	62	60
Single-Family Detached	75	70	65	64	60	63	66	67	71	71	70	71
Single-Family Attached	68	69	54	57	56	64	65	63	63	64	61	61
Apartments in Buildings with 2 to 4 Units	72	70	57	62	57	53	56	60	59	61	56	55
Apartments in Buildings with 5 or More Units	58	58	59	57	60	54	54	48	46	44	42	49
<b>Total Northeast</b>	74	69	65	65	60	63	67	64	65	68	65	69
Mobile Home	87	60	56	52	52	64	55	49	66	72	66	66
Single-Family Detached	78	73	65	64	60	66	72	71	75	75	75	78
Single-Family Attached	63	66	55	59	62	63	64	57	55	70	60	59
Apartments in Buildings with 2 to 4 Units	76	71	67	65	56	58	61	62	62	63	63	62
Apartments in Buildings with 5 or More Units	61	57	69	71	63	57	58	47	45	44	41	51
<b>Total Midwest</b>	80	77	68	74	64	70	70	72	77	76	72	75
Mobile Home	71	70	74	74	58	67	61	60	66	76	69	70
Single-Family Detached	82	77	71	77	65	72	72	74	81	79	77	77
Single-Family Attached	86	90	58	69	61	73	68	70	82	75	68	74
Apartments in Buildings with 2 to 4 Units	73	78	57	73	59	62	67	79	75	71	62	78
Apartments in Buildings with 5 or More Units	58	62	60	55	61	64	64	59	60	50	51	52
<b>Total South</b>	64	62	63	60	60	58	64	64	69	70	70	71
Mobile Home	53	56	56	50	47	47	52	46	57	62	60	63
Single-Family Detached	67	64	66	61	60	60	67	68	73	74	75	75
Single-Family Attached	66	60	60	54	55	67	73	64	73	68	75	66
Apartments in Buildings with 2 to 4 Units	60	57	53	60	64	51	51	53	51	58	57	55
Apartments in Buildings with 5 or More Units	48	55	59	57	65	51	57	53	56	50	52	55

or More Units

<b>Total West</b>	71	64	74	51	51	52	50	50	49	50	46	50
Mobile Home	85	72	57	69	58	61	55	57	58	58	60	50
Single-Family Detached	72	64	53	53	53	56	52	52	54	54	52	55
Single-Family Attached	69	66	46	50	41	38	54	73	47	45	38	48
Apartments in Buildings with 2 to 4 Units	72	64	46	41	45	38	42	44	41	39	32	33
Apartments in Buildings with 5 or More Units	62	60	44	41	51	46	41	36	31	34	30	35

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, 1979, 1980, 1981, 1982, 1984, 1987, 1990, 1993, 1997, 2001, and 2005.