



U.S. Residential Housing Weather Adjusted Site Energy Consumption

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Table 1b. Residential Weather-Adjusted Site Energy¹ Consumption in U.S. Households by Census Region and Type of Housing Unit, 1978-2005 (Trillion Btu)

| Type of Housing Unit and Census | 1978 | 1980 | 1981 | 1982 | 1984 | 1987 | 1990 | 1993 | 1997 | 2001 | 2005 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| U.S. Total | 9,786 | 8,976 | 9,446 | 8,354 | 9,031 | 9,397 | 9,816 | 9,625 | 10,042 | 10,164 | 10,559 |
| Mobile Home | 423 | 377 | 334 | 262 | 371 | 402 | 433 | 441 | 493 | 530 | 491 |
| Single-Family Detached | 6,930 | 6,366 | 6,874 | 5,852 | 6,265 | 6,501 | 7,048 | 6,930 | 7,368 | 7,053 | 7,822 |
| Single-Family Attached | 403 | 377 | 320 | 417 | 454 | 542 | 558 | 678 | 919 | 1,099 | 679 |
| Apartments in Buildings with 2 to 4 Units | 1,336 | 1,051 | 1,001 | 961 | 973 | 970 | 1,015 | 764 | 503 | 769 | 659 |
| Apartments in Buildings with 5 or More Units | 695 | 805 | 917 | 862 | 968 | 982 | 761 | 812 | 759 | 713 | 908 |
| Total Northeast | 2,680 | 2,321 | 2,407 | 2,133 | 2,314 | 2,398 | 2,528 | 2,308 | 2,341 | 2,257 | 2,479 |
| Mobile Home | 38 | 47 | 42 | 35 | 62 | 63 | 48 | 46 | 43 | 61 | 33 |
| Single-Family Detached | 1,431 | 1,242 | 1,336 | 1,142 | 1,318 | 1,383 | 1,541 | 1,408 | 1,501 | 1,296 | 1,587 |
| Single-Family Attached | 219 | 208 | 166 | 248 | 230 | 244 | 258 | 250 | 369 | 337 | 248 |
| Apartments in Buildings with 2 to 4 Units | 631 | 446 | 464 | 384 | 382 | 376 | 446 | 347 | 180 | 331 | 298 |
| Apartments in Buildings with 5 or More Units | 362 | 378 | 399 | 324 | 322 | 331 | 234 | 257 | 249 | 232 | 313 |
| Total Midwest | 3,434 | 2,840 | 3,178 | 2,535 | 2,780 | 2,918 | 3,018 | 3,017 | 3,173 | 2,990 | 2,932 |
| Mobile Home | 118 | 64 | 89 | 60 | 106 | 118 | 167 | 144 | 122 | 129 | 74 |
| Single-Family Detached | 2,745 | 2,245 | 2,546 | 1,898 | 1,951 | 2,126 | 2,267 | 2,278 | 2,457 | 2,130 | 2,346 |
| Single-Family Attached | 98 | 28 | 39 | 60 | 108 | 124 | 83 | 119 | 227 | 371 | 162 |
| Apartments in Buildings with 2 to 4 Units | 412 | 351 | 314 | 299 | 343 | 323 | 327 | 252 | 205 | 242 | 158 |
| Apartments in Buildings with 5 or More Units | 61 | 152 | 190 | 218 | 272 | 228 | 175 | 225 | 161 | 120 | 192 |
| Total South | 2,243 | 2,466 | 2,390 | 2,490 | 2,531 | 2,597 | 2,822 | 2,849 | 2,978 | 3,278 | 3,242 |
| Mobile Home | 206 | 179 | 133 | 104 | 125 | 141 | 126 | 175 | 206 | 218 | 249 |
| Single-Family Detached | 1,764 | 1,928 | 1,895 | 1,973 | 2,006 | 1,991 | 2,244 | 2,197 | 2,308 | 2,485 | 2,468 |
| Single-Family Attached | 43 | 67 | 51 | 43 | 94 | 94 | 116 | 215 | 186 | 255 | 143 |
| Apartments in Buildings with 2 to 4 Units | 134 | 137 | 124 | 181 | 113 | 141 | 144 | 82 | 80 | 128 | 110 |
| Apartments in Buildings with 5 or More Units | 96 | 156 | 186 | 188 | 193 | 230 | 191 | 180 | 198 | 192 | 272 |

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|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Total West | 1,431 | 1,343 | 1,468 | 1,276 | 1,438 | 1,460 | 1,524 | 1,468 | 1,596 | 1,647 | 1,907 |
| Mobile Home | 58 | 86 | 69 | 64 | 80 | 79 | 92 | 76 | 125 | 122 | 135 |
| Single-Family Detached | 984 | 951 | 1,106 | 899 | 1,015 | 988 | 1,061 | 1,056 | 1,136 | 1,146 | 1,421 |
| Single-Family Attached | 46 | 71 | 61 | 69 | 25 | 75 | 103 | 96 | 141 | 140 | 126 |
| Apartments in Buildings with 2 to 4 Units | 165 | 118 | 96 | 108 | 136 | 128 | 104 | 88 | 41 | 71 | 94 |
| Apartments in Buildings with 5 or More Units | 178 | 117 | 136 | 138 | 183 | 189 | 163 | 152 | 153 | 168 | 131 |

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