

Table US15. Average Expenditures by Energy End Uses, 2005
Dollars per Household

| | U.S. Households (millions) | Energy End Uses (Dollars per household) | | | | | |
|--|----------------------------------|---|---|-----------------------------------|----------------------------|---------------|-------------------------------------|
| | | All End Uses | Space Heating (Major Fuels) ⁴ | Air- Conditioning ⁵ | Water Heating ⁶ | Refrigerators | Other Appliances and Lighting |
| Total | 111.1 | 1,810 | 534 | 276 | 291 | 137 | 647 |
| Census Region and Division | | | | | | | |
| Northeast..... | 20.6 | 2,319 | 969 | 176 | 335 | 169 | 739 |
| New England..... | 5.5 | 2,428 | 1,188 | 98 | 367 | 162 | 697 |
| Middle Atlantic..... | 15.1 | 2,279 | 891 | 199 | 323 | 171 | 755 |
| Midwest..... | 25.6 | 1,786 | 675 | 154 | 270 | 128 | 596 |
| East North Central..... | 17.7 | 1,808 | 709 | 145 | 269 | 130 | 601 |
| West North Central..... | 7.9 | 1,735 | 599 | 174 | 271 | 123 | 586 |
| South..... | 40.7 | 1,758 | 334 | 406 | 283 | 130 | 635 |
| South Atlantic..... | 21.7 | 1,703 | 346 | 370 | 273 | 129 | 617 |
| East South Central..... | 6.9 | 1,674 | 435 | 280 | 284 | 117 | 582 |
| West South Central..... | 12.1 | 1,903 | 256 | 540 | 300 | 139 | 697 |
| West..... | 24.2 | 1,491 | 333 | 233 | 293 | 133 | 642 |
| Mountain..... | 7.6 | 1,644 | 418 | 388 | 291 | 124 | 609 |
| Pacific..... | 16.6 | 1,421 | 291 | 155 | 293 | 137 | 657 |
| Four Most Populated States | | | | | | | |
| New York..... | 7.1 | 2,409 | 995 | 197 | 354 | 192 | 779 |
| Florida..... | 7.0 | 1,681 | 87 | 597 | 263 | 128 | 622 |
| Texas..... | 8.0 | 2,051 | 213 | 636 | 325 | 155 | 756 |
| California..... | 12.1 | 1,396 | 208 | 177 | 295 | 138 | 683 |
| All Other States..... | 76.9 | 1,806 | 609 | 216 | 284 | 131 | 620 |
| Urban/Rural Location (as Self-Reported) | | | | | | | |
| City..... | 47.1 | 1,599 | 457 | 279 | 269 | 124 | 557 |
| Town..... | 19.0 | 1,845 | 598 | 244 | 281 | 139 | 640 |
| Suburbs..... | 22.7 | 2,027 | 534 | 319 | 317 | 153 | 758 |
| Rural..... | 22.3 | 2,004 | 638 | 253 | 321 | 147 | 730 |
| Climate Zone¹ | | | | | | | |
| Less than 2,000 CDD and-- Greater than 7,000 HDD..... | 10.9 | 1,982 | 839 | 90 | 300 | 145 | 671 |
| 5,500 to 7,000 HDD..... | 26.1 | 1,894 | 780 | 138 | 277 | 135 | 615 |
| 4,000 to 5,499 HDD..... | 27.3 | 1,859 | 638 | 206 | 293 | 138 | 630 |
| Fewer than 4,000 HDD..... | 24.0 | 1,587 | 325 | 252 | 299 | 135 | 664 |
| 2000 CDD or More and-- Less than 4,000 HDD..... | 22.8 | 1,808 | 175 | 572 | 294 | 138 | 673 |

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| Type of Housing Unit | | | | | | | |
| Single-Family Detached..... | 72.1 | 2,060 | 582 | 312 | 320 | 152 | 761 |
| Single-Family Attached..... | 7.6 | 1,598 | 512 | 203 | 269 | 122 | 553 |
| Apartments in 2-4 Unit Buildings..... | 7.8 | 1,556 | 618 | 204 | 241 | 121 | 465 |
| Apartments in 5 or More Unit Buildings..... | 16.7 | 1,077 | 327 | 195 | 206 | 100 | 327 |
| Mobile Homes..... | 6.9 | 1,501 | 419 | 246 | 267 | 114 | 540 |
| Ownership of Housing Unit | | | | | | | |
| Owned | 78.1 | 1,994 | 572 | 295 | 310 | 149 | 731 |
| Single-Family Detached..... | 64.1 | 2,089 | 590 | 312 | 323 | 155 | 774 |
| Single-Family Attached..... | 4.2 | 1,682 | 540 | 201 | 272 | 128 | 578 |
| Apartments in 2-4 Unit Buildings..... | 1.8 | 2,045 | 851 | 172 | 287 | 162 | 608 |
| Apartments in 5 or More Unit Buildings..... | 2.3 | 1,056 | 258 | 216 | 183 | 97 | 370 |
| Mobile Homes..... | 5.7 | 1,514 | 414 | 249 | 260 | 113 | 550 |
| Rented | 33.0 | 1,375 | 438 | 228 | 245 | 109 | 446 |
| Single-Family Detached..... | 8.0 | 1,824 | 518 | 310 | 304 | 121 | 653 |
| Single-Family Attached..... | 3.4 | 1,495 | 476 | 207 | 266 | 115 | 521 |
| Apartments in 2-4 Unit Buildings..... | 5.9 | 1,404 | 541 | 216 | 226 | 109 | 421 |
| Apartments in 5 or More Unit Buildings..... | 14.4 | 1,080 | 338 | 192 | 210 | 100 | 321 |
| Mobile Homes..... | 1.2 | 1,439 | 441 | 232 | 303 | 116 | 490 |
| Year of Construction | | | | | | | |
| Before 1940..... | 14.7 | 2,047 | 905 | 171 | 298 | 142 | 620 |
| 1940 to 1949..... | 7.4 | 1,810 | 643 | 236 | 296 | 130 | 606 |
| 1950 to 1959..... | 12.5 | 1,770 | 601 | 233 | 271 | 132 | 593 |
| 1960 to 1969..... | 12.5 | 1,764 | 544 | 241 | 278 | 139 | 645 |
| 1970 to 1979..... | 18.9 | 1,654 | 457 | 270 | 272 | 132 | 608 |
| 1980 to 1989..... | 18.6 | 1,685 | 378 | 307 | 282 | 135 | 647 |
| 1990 to 1999..... | 17.3 | 1,907 | 434 | 328 | 317 | 152 | 729 |
| 2000 to 2005..... | 9.2 | 1,936 | 407 | 389 | 332 | 128 | 723 |
| Total Floorspace (Square Feet) | | | | | | | |
| Fewer than 500..... | 3.2 | 1,087 | 388 | 161 | 216 | 109 | 317 |
| 500 to 999..... | 23.8 | 1,228 | 385 | 203 | 224 | 106 | 394 |
| 1,000 to 1,499..... | 20.8 | 1,583 | 450 | 263 | 264 | 119 | 555 |
| 1,500 to 1,999..... | 15.4 | 1,798 | 474 | 305 | 287 | 142 | 671 |
| 2,000 to 2,499..... | 12.2 | 1,939 | 540 | 287 | 308 | 143 | 721 |
| 2,500 to 2,999..... | 10.3 | 2,138 | 635 | 282 | 332 | 156 | 795 |
| 3,000 to 3,499..... | 6.7 | 2,172 | 699 | 278 | 324 | 156 | 772 |
| 3,500 to 3,999..... | 5.2 | 2,315 | 778 | 303 | 325 | 168 | 808 |
| 4,000 or More..... | 13.3 | 2,639 | 744 | 374 | 398 | 183 | 983 |

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| Household Size | | | | | | | |
| 1 Person..... | 30.0 | 1,288 | 491 | 177 | 183 | 119 | 378 |
| 2 Persons..... | 34.8 | 1,847 | 563 | 286 | 285 | 143 | 641 |
| 3 Persons..... | 18.4 | 2,004 | 550 | 302 | 332 | 144 | 746 |
| 4 Persons..... | 15.9 | 2,111 | 538 | 325 | 361 | 143 | 831 |
| 5 Persons..... | 7.9 | 2,288 | 528 | 387 | 399 | 149 | 917 |
| 6 or More Persons..... | 4.1 | 2,370 | 515 | 385 | 474 | 151 | 995 |
| 2005 Household Income Category | | | | | | | |
| Less than \$10,000..... | 9.9 | 1,353 | 505 | 206 | 226 | 111 | 398 |
| \$10,000 to \$14,999..... | 8.5 | 1,417 | 501 | 195 | 226 | 118 | 448 |
| \$15,000 to \$19,999..... | 8.4 | 1,448 | 500 | 213 | 240 | 114 | 453 |
| \$20,000 to \$29,999..... | 15.1 | 1,584 | 512 | 234 | 255 | 122 | 535 |
| \$30,000 to \$39,999..... | 13.6 | 1,674 | 499 | 278 | 273 | 129 | 580 |
| \$40,000 to \$49,999..... | 11.0 | 1,803 | 529 | 277 | 275 | 132 | 651 |
| \$50,000 to \$74,999..... | 19.8 | 1,924 | 508 | 302 | 312 | 145 | 720 |
| \$75,000 to \$99,999..... | 10.6 | 2,197 | 651 | 312 | 332 | 155 | 818 |
| \$100,000 or More..... | 14.2 | 2,507 | 598 | 380 | 414 | 185 | 1,004 |
| Income Relative to Poverty Line | | | | | | | |
| Below 100 Percent..... | 16.6 | 1,485 | 508 | 226 | 259 | 113 | 480 |
| 100 to 150 Percent..... | 12.9 | 1,548 | 473 | 243 | 260 | 119 | 530 |
| Above 150 Percent..... | 81.5 | 1,918 | 548 | 291 | 303 | 145 | 699 |
| Eligible for Federal Assistance² | | | | | | | |
| Yes..... | 38.6 | 1,559 | 519 | 230 | 263 | 119 | 516 |
| No..... | 72.5 | 1,944 | 541 | 299 | 306 | 147 | 716 |
| Payment Method for Utilities | | | | | | | |
| All Paid by Household..... | 97.5 | 1,868 | 537 | 287 | 299 | 139 | 677 |
| Some Paid, Some in Rent..... | 7.6 | 1,399 | 543 | 169 | 238 | 125 | 424 |
| All Included in Rent..... | 4.7 | 1,269 | 457 | 207 | 218 | 111 | 377 |
| Other Method..... | 1.3 | 1,796 | 533 | 260 | 284 | 156 | 665 |

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| | | All End Uses | Space Heating (Major Fuels) ⁴ | Air- Conditioning ⁵ | Water Heating ⁶ | Refrigerators | Other Appliances and Lighting |
| Ethnic Origin of Householder | | | | | | | |
| Hispanic Descent..... | 14.8 | 1,643 | 434 | 326 | 309 | 129 | 593 |
| Non-Hispanic Descent..... | 96.3 | 1,836 | 548 | 270 | 289 | 138 | 655 |
| Race of Householder³ | | | | | | | |
| White..... | 79.1 | 1,862 | 559 | 269 | 293 | 141 | 666 |
| Hispanic..... | 5.0 | 1,543 | 369 | 330 | 309 | 123 | 570 |
| Non-Hispanic..... | 74.1 | 1,884 | 570 | 266 | 292 | 142 | 673 |
| Black..... | 13.4 | 1,729 | 510 | 284 | 279 | 123 | 584 |
| Hispanic..... | 0.3 | 1,975 | 763 | 192 | 355 | 157 | 564 |
| Non-Hispanic..... | 13.1 | 1,723 | 504 | 286 | 277 | 122 | 584 |
| Asian..... | 3.3 | 1,470 | 359 | 282 | 286 | 133 | 569 |
| Multi-Racial..... | 1.3 | 1,654 | 415 | 281 | 272 | 129 | 657 |
| Other..... | 7.1 | 1,688 | 447 | 303 | 279 | 137 | 627 |
| Undetermined (Race Reported as Hispanic)..... | 6.9 | 1,691 | 470 | 319 | 311 | 131 | 604 |

1 One of five climatically distinct areas, determined according to the 30-year average (1971-2000) of the annual heating and cooling degree-days. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

2 Below 150 percent of poverty line or 60 percent of median state income.

3 Respondents were permitted to select more than one racial category to describe themselves. The "Other" category includes Native Americans, Native Alaskans, and Pacific Islanders.

4 Housing units where the main or secondary space-heating fuel is electricity, natural gas, fuel oil, kerosene, or LPG.

5 The number of housing units where the end use is electric air-conditioning, does not include households that did not use their equipment (1.9 million). It does include the small number of housing units where the fuel for central air-conditioning equipment was something other than electricity; those households were treated as if the fuel was electricity.

6 Housing Units where the main or secondary water-heating fuel is electricity, natural gas, fuel oil, kerosene, or LPG.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

N = No cases in the reporting sample.

(*) Number less than 0.5, 0.05, or 0.005 depending on the number of significant digits in the column, rounded to zero.

Notes: • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 2005 Residential Energy Consumption Survey.