Table CT1. Energy Consumption Estimates for Selected Energy Sources in Physical Units, Selected Years, 1960-2021, Texas

| Part | | | | | | | | | | | | | | |
|--|------|----------------|-----------------------|--------------------|--------------------|--------------------------|--------------------|--------------------------|----------------------|--------------------------|-------------------|--------------|------------------|----------------|
| Thousand Bullon Thousand | | | | | | | Petroleum | | | | - | | | |
| The Short Trois Cubic Feet Thousand Barrels | | Coal | | | HGL ^c | Jet Fuel ^d | | | Other ^f | Total | | electric | | Biodiesel |
| 1977 927 4,985 94,905 94,905 94,905 95,905 95,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 9 | Year | | Billion Cubic Feet | | | | Thousand Barrels | | | | Million Kilo | owatthours | Thousan | d Barrels |
| 1977 927 4,985 94,905 94,905 94,905 95,905 95,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 9 | 1000 | 1.007 | 0.700 | 04.400 | 70.007 | 10.040 | 04.044 | 00 504 | 70.005 | 005.000 | | 1 100 | N/A | N/A |
| 1977 927 4,985 94,905 94,905 94,905 95,905 95,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 96,905 97,905 9 | 1965 | 1.146 | 2,720 3.068 | 24,400 24.854 | 73,297 109.109 | 10,842 15.365 | 91,841 107.851 | 22,584 14.322 | 72,395 113.002 | 295,360 384.503 | | 1,102 743 | NA NA | NA |
| 1977 927 4.965 94.965 95.00 154.963 94.966 154.963 92.265 95.00 154.965 94.965 95.00 155.864 95.1087 0 880 MA MA PA | 1970 | 1.154 | 4,093 | 32,410 | 151,223 | 24,430 | 141,393 | 14,146 | 154,372 | 517,973 | | 1,005 | NA | NA |
| 1980 38,602 4,091 72,513 181,570 50,033 180,807 66,070 523,685 86,039 0 1,079 MA NA NA 1982 61,217 3,394 90,523 2178,177 77,077 30,000 1,0 | 1971 | 921 | 4,365 | 34,926 | 154,363 | 25,067 | 148,620 | 12,126 | 155,984 | 531,087 | 0 | 880 | NA | NA |
| 1980 38,602 4,091 72,513 181,570 50,033 180,807 66,070 523,685 86,039 0 1,079 MA NA NA 1982 61,217 3,394 90,523 2178,177 77,077 30,000 1,0 | 1972 | 2,774 7,885 | 4,413 4,621 | 46,020 53,752 | 178,294 185,463 | 25,910 26,533 | 159,242 169,451 | 14,860 29.75 <i>4</i> | 172,390 | 596,717 650,889 | | 830 1 700 | | NA NA |
| 1980 38,602 4,091 72,513 181,570 50,033 180,807 66,070 523,685 86,039 0 1,079 MA NA NA 1982 61,217 3,394 90,523 2178,177 77,077 30,000 1,0 | 1974 | 8.476 | 4,463 | 55.721 | 180.319 | 25,955 | 167.865 | 35.968 | 185.649 | 651,477 | 0 | 1,631 | | NA |
| 1980 38,602 4,091 72,513 181,570 50,033 180,807 66,070 523,685 86,039 0 1,079 MA NA NA 1982 61,217 3,394 90,523 2178,177 77,077 30,000 1,0 | 1975 | 12.765 | 3.944 | 54,706 | 161,478 | 27,308 | 175,538 | 38,536 | 172,091 | 629,658 | | 1,927 | NA | NA |
| 1980 38,602 4,091 72,513 181,570 50,033 180,807 66,070 523,685 86,039 0 1,079 MA NA NA 1982 61,217 3,394 90,523 2178,177 77,077 30,000 1,0 | 1976 | 15,981 | 3,975 | 58,322 | 161,013 | 25,641 | 186,703 | 44,304 | 201,434 | 677,418 | | 1,068 | | NA |
| 1980 38,602 4,091 72,513 181,570 50,033 180,807 66,070 523,685 86,039 0 1,079 MA NA NA 1982 61,217 3,394 90,523 2178,177 77,077 30,000 1,0 | 19// | 19,671 | 4,143 4,211 | 74,729 80.965 | 162,361 165,026 | 26,704 27,054 | 195,017 | 53,725 60.875 | 236,805 | /49,341 705 318 | | 1,169 765 | | NA NA |
| 1981 56,364 3,927 90,679 230,285 30,922 185,175 67,308 230,286 834,656 0 1,145 0 NA 1982 61,217 3,394 90,523 217,653 42,809 190,663 59,968 187,766 789,363 0 1,027 91 NA 1983 65,201 3,242 90,961 202,787 47,270 195,000 195,000 197,766 789,363 0 1,027 784,309 0 1,107 656 NA 1986 77,757 3,43 80,369 222,536 64,660 196,759 3 35,900 177,855 80,22 0 1,000 1,000 460 NA 1986 77,757 80,34 80, | 1979 | 39.409 | | 89.011 | 198.336 | 29,263 | 195.984 | 72.076 | 289.645 | 874.314 | | 1.202 | | NA |
| 1981 56,364 3,927 90,679 230,285 30,922 185,175 67,308 230,286 834,656 0 1,145 0 NA 1982 61,217 3,394 90,522 217,634 42,809 190,663 59,988 197,766 789,833 0 1,027 91 NA 1983 68,201 3,242 80,861 202,787 47,270 195,000 195,000 197,766 789,833 0 1,027 91 NA 1983 68,201 3,242 80,861 202,787 47,270 195,000 195,000 197,766 789,833 0 1,027 91 NA 1983 68,201 3,242 80,861 202,787 47,270 195,000 195,000 195,000 197,767 784,309 0 1,107 658 NA 1986 77,017 3,486 80,201 3,242 80,243 80,244 209,513 27,421 199,227 886,671 0 1,972 787 NA 1986 77,017 NA 1988 80,644 3,831 69,437 320,571 94,793 208,680 24,328 218,086 935,895 3,792 1,235 830 NA 1980 91,445 3,729 67,909 302,924 84,562 205,338 21,971 199,240 884,344 0 2,2158 1,107 NA 1988 86,644 3,831 69,437 320,571 94,793 208,680 24,328 218,086 935,895 3,792 1,235 830 NA 1990 91,445 3,729 67,909 320,178 89,500 19,40 | 1980 | 48,602 | 4,091 | 72,513 | 216,760 | 30,934 | 180,997 | 65,070 | 293,865 | 860,139 | • | 979 | NA | NA |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 1981 | 56,364 | 3,927 | 90,679 | 230,285 | 30,922 | 185,175 | 67,308 | 230,286 | 834,656 | | 1,145 | | NA |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 1982 | 61,217 | 3,394 | 90,523 | 217,634 | 42,809 | 190,663 | 59,968 | 187,766 | 789,363 | | 1,027 | 91 | NA |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 1984 | 72 452 | 3,242 | 83 989 | 202,767 292 366 | 47,270 64 626 | 195,020 | 45,196 35,390 | 199,073 | 764,309 852 982 | • | 1,107 | 464 | NA NA |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 1985 | 77,017 | 3,386 | 79,984 | 284 231 | 74,500 | 205,419 | 28,713 | 175,675 | 848,522 | | 1,401 | 807 | NA |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 1986 | 79 259 | 3.186 | 73,832 | 276,043 | 80 214 | 209.513 | 27,842 | 199,227 | 866.671 | | 1.972 | 787 | NA |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 1987 | 82,915 | 3,303 | 70,309 | 302,924 | 84,562 | 205,338 | 21,971 | 199,240 | 884,344 | | 2,158 | 1,107 | NA |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 1988 | 86,644 | 3,531 | 69,437 73,830 | 320,571 | 94,793 | 208,680 | 24,328 | 218,086 | 935,895 | 3,792 | 1,235 | 830 626 | NA NA |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 1990 | 91,445 | 3,744 | 67.909 | 326.112 | 95,203 | 205,320 | 27,463 | 240.278 | 963.066 | 15.859 | 1,794 | 584 | NA NA |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 1991 | 92,064 | 3,688 | 72,666 | 359 778 | 90,674 | 198,780 | 28,434 | 229,169 | 979.501 | 19,800 | 2,225 | 582 | NA |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 1992 | 91 568 | 3.613 | 76,195 | 375,843 | 90.029 | 200.686 | 30,595 | 246,681 | 1,020,028 | 24.496 | 2,638 | 658 | NA |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 1993 | 96,809 | 3,818 | 81,982 | 366,203 | 86,961 | 207,441 | 22,566 | 244,041 | 1,009,194 | 12,407 | 1,786 | 150 | NA |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 1994 | 93,829 | 3,746 | 83,328 88 126 | 403,348 415,037 | 83,397 83,002 | 218,772 | 21,623 | 250,902 | 1,061,369 | 28,745 36,151 | 1,530 | 1 215 | NA NΔ |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 1996 | 98.997 | 4.132 | 96.751 | 441.959 | 99.870 | 226.381 | 20.292 | 256.198 | 1.141.450 | 35.767 | 960 | 452 | NA |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 1997 | 101,303 | 4,116 | 98,062 | 492,508 | 105,655 | 224,997 | 22,092 | 282,505 | 1,225,820 | 37,358 | 1,791 | 1,069 | NA |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 1998 | 99.097 | 4,206 | 106,480 | 486,459 | 108,635 | 236.779 | 25,507 | 274,658 | 1 238 518 | 38.685 | 1,425 | 1 583 | NA |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 1999 | 102,151 | | 104,/1/ | 494,933 | 104,896 | 242,992 | 18,115 | 259,294 | 1,224,947 | 36,760 | 1,120 | 1,364 | NA NA |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 2000 | 96 894 | 4,422 | 111,040 | 433 006 | 112,717 | 249,019 | 17 237 | 253,063 | 1,200,133 | 38 163 | 1 200 | 1,503 | 1NA 27 |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 2002 | 99,785 | 4,323 | 114,102 | 457,107 | 115,598 | 268,490 | 16,993 | 258,993 | 1.231.283 | 35,618 | 1,123 | 689 | 43 |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 2003 | 104,542 | 4,071 | 118,008 | 465,283 | 101,335 | 269,532 | 18,554 | 270,029 | 1,242,741 | 33,437 | 897 | 561 | 36 |
| 2006 103,763 3,455 141,350 446,844 81,452 285,419 27,958 282,511 1,245,534 41,264 662 10,833 689 2007 104,784 3,538 144,541 465,349 75,409 290,606 32,671 240,798 1,249,373 40,955 1,644 15,466 933 2008 103,657 3,564 141,292 370,537 72,516 288,139 28,724 198,337 1,099,545 40,727 1,039 18,391 801 2009 96,253 3,403 130,446 382,871 61,808 288,646 25,272 191,224 1,080,266 41,498 1,029 19,278 849 2010 101,244 3,589 140,575 461,226 45,595 293,814 31,123 204,325 1,176,658 41,335 1,262 24,813 686 2011 111,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 100,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 | 2004 | 105,922 | 3,930 | 120,621 | 485,249 | 88,821 | 275,724 | 21,548 | 293,015 | | 40,435 | 1,301 | 665 | 71 |
| 2011 11,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 160,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 2,900 2013 103,498 4,034 166,109 536,247 47,262 301,856 20,468 219,569 1,291,512 38,315 480 27,541 5,467 2014 102,962 3,938 189,868 505,403 47,670 314,632 21,214 201,028 1,279,816 39,287 386 30,424 4,775 2015 87,737 4124 176,371 8553,894 59,275 399,038 20,455 203,002 81,329,816 39,287 386 30,424 4,775 256 | 2005 | 105,327 | 3,523 | 127,873 | 447,915 | 80,382 81 452 | 2/8,350 | 20,020 | 2/8,862 | 1,239,409 | 38,232 41,264 | 1,333 | 10 833 | 240 680 |
| 2011 11,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 160,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 2,900 2013 103,498 4,034 166,109 536,247 47,262 301,856 20,468 219,569 1,291,512 38,315 480 27,541 5,467 2014 102,962 3,938 189,868 505,403 47,670 314,632 21,214 201,028 1,279,816 39,287 386 30,424 4,775 2015 87,737 4124 176,371 8553,894 59,275 399,038 20,455 203,002 81,329,816 39,287 386 30,424 4,775 256 | 2007 | 104.784 | 3,538 | 144,541 | 465.349 | 75.409 | 290,606 | 32.671 | 240.798 | 1,249,373 | 40.955 | 1.644 | 15.466 | 933 |
| 2011 11,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 160,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 2,900 2013 103,498 4,034 166,109 536,247 47,262 301,856 20,468 219,569 1,291,512 38,315 480 27,541 5,467 2014 102,962 3,938 189,868 505,403 47,670 314,632 21,214 201,028 1,279,816 39,287 386 30,424 4,775 2015 87,737 4124 176,371 8553,894 59,275 399,038 20,455 203,002 81,329,816 39,287 386 30,424 4,775 256 | 2008 | 103,657 | 3,564 | 141,292 | 370,537 | 72,516 | 288,139 | 28,724 | 198,337 | 1.099.545 | 40,727 | 1,039 | 18,391 | 801 |
| 2011 11,066 3,708 158,751 457,769 46,157 289,923 31,148 203,748 1,187,495 39,648 563 29,444 2,339 2012 98,263 3,864 160,618 490,254 45,480 292,573 21,347 204,646 1,214,919 38,441 584 27,593 2,900 2013 103,498 4,034 166,109 536,247 47,262 301,856 20,468 219,569 1,291,512 38,315 480 27,541 5,467 2014 102,962 3,938 189,868 505,403 47,670 314,632 21,214 201,028 1,279,816 39,287 386 30,424 4,775 2015 87,737 4124 176,371 8553,894 59,275 399,038 20,455 203,002 81,329,816 39,287 386 30,424 4,775 256 | 2009 | 96,253 | 3,403 | 130,446 | 382,871 | 61,808 | 288,646 | 25,272 | 191,224 | 1,080,266 | 41,498 | 1,029 | 19,278 | 849 |
| 2014 102,502 5,550 103,000 503,405 47,070 514,052 21,214 201,020 1,213,010 53,207 500 50,424 4,775 2015 87.737 4.124 1.76,371 8.553,804 52,975 320,038 20,455 203,002 81,335,035 30,355 0,56 31,458 5,254 | 2010 | 101,244 | 3,589 | 140,575 | 461,226 | 45,595 | 293,814 | 31,123 | 204,325 | 1,1/6,658 | 41,335 | 1,262 | 24,813 | 686 |
| 2014 102,502 5,550 103,000 503,405 47,070 514,052 21,214 201,020 1,213,010 53,207 500 50,424 4,775 2015 87.737 4.124 1.76,371 8.553,804 52,975 320,038 20,455 203,002 81,335,035 30,355 0,56 31,458 5,254 | 2011 | 98 263 | 3,706 | 160,731 | 490 254 | 45,157 | 292 573 | 21 347 | 203,746 | 1 214 919 | 38 441 | 584 | 27 593 | 2,339 |
| 2014 102,502 5,550 103,000 503,405 47,070 514,052 21,214 201,020 1,213,010 53,207 500 50,424 4,775 2015 87.737 4.124 1.76,371 8.553,804 52,975 320,038 20,455 203,002 81,335,035 30,355 0,56 31,458 5,254 | 2013 | 103,498 | 4,034 | 166,109 | 536,247 | 47,262 | 301,856 | 20,468 | 219,569 | 1 291 512 | 38,315 | 480 | 27,541 | 5,467 |
| 2015 87,737 4,124 176,371 P 553,894 52,275 329,038 20,455 203,002 P1,335,035 39,355 956 31,458 5,254 2016 86,803 4,030 177,197 P 564,467 53,026 337,977 30,436 207,737 P 1,370,839 42,079 1,342 35,020 7,909 2017 94,117 3,875 181,519 583,826 52,623 340,217 30,910 P 213,004 P 1,402,099 38,581 1,062 35,410 6,943 2018 76,429 4,471 197,923 693,603 P 53,240 346,231 25,363 P 213,228 P 1,529,589 41,186 1,126 35,736 7,867 2019 63,814 4,678 199,468 709,277 P 56,664 348,683 26,344 P 1,553,563 41,298 1,475 36,642 P7,141 2020 56,365 P 4,618 169,098 707,192 P 34,988 300,985 21,779 P 198,767 P 1,432,809 | 2014 | 102,962 | 3.938 | 189,868 | 505,403 | 47,670 | 314,632 | 21,214 | 201,028 | 1,279,816 | 39.287 | 386 | 30,424 | 4,775 |
| 2016 85,803 4,030 177,197 154,467 53,026 337,977 30,436 207,737 11,370,839 42,079 1,342 35,020 7,909 2017 94,117 3,875 181,519 583,826 52,623 340,217 30,910 8213,004 81,402,099 38,581 1,062 35,130 6,943 2018 76,429 4,471 197,923 693,603 853,240 346,231 25,363 8213,228 81,529,589 41,186 1,126 35,736 7,867 2019 63,814 4,678 199,468 709,277 856,664 348,683 26,344 8213,127 81,553,563 41,298 1,475 36,642 87,141 2020 56,365 84,618 169,098 707,192 834,988 300,985 21,779 8198,767 81,432,809 41,399 1,079 31,926 6,364 2021 62,020 4,637 185,878 774,443 44,176 332,122 28,187 203,089 1,567,895 40,211 1,082 35,458 4,768 | | 87,737 | | 176,371 | H 553,894 | 52,275 | 329,038 | 20,455 | 203,002 | H 1,335,035 | 39,355 | 956 | 31,458 | 5,254 |
| 2018 76,429 4,471 197,923 693,603 83,240 346,231 25,363 8213,228 81,529,589 41,186 1,126 35,736 7,867 2019 63,814 4,678 199,468 709,277 856,664 348,683 26,344 8213,127 81,553,563 41,298 1,475 36,642 87,141 2020 56,365 84,618 169,098 707,192 834,988 300,985 21,779 8198,767 81,432,809 41,439 1,079 31,926 6,364 2021 62,020 4,637 185,878 774,443 44,176 332,122 28,187 203,089 1,567,895 40,211 1,082 35,458 4,768 | 2016 | | | 1//,19/ 181 510 | 564,467 583,826 | 53,026 52,623 | 337,977 340 217 | 30,436 30,910 | 207,737 R 213 004 | 1,370,839 R 1 402 000 | 42,079 38 58 1 | 1,342 | 35,020 35,410 | 7,909 6 942 |
| 2019 63.814 4.678 199.468 709.277 R 56.664 348.683 26.344 R 213.127 R 1.553.563 41.298 1.475 36.642 R 7.141 2020 56.365 R 4.618 169.098 707.192 R 34.988 300.985 21.779 R 198.767 R 1.432.809 41.439 1.079 31.926 6.364 2021 62.020 4.637 185.878 774.443 44.176 332.122 28.187 203.089 1.567.895 40.211 1.082 35.458 4.768 | 2018 | 76.429 | 4.471 | 197.923 | 693.603 | R 53 240 | 346.231 | 25.363 | R 213.228 | R 1,529.589 | 41.186 | 1.126 | 35.736 | 7.867 |
| 2020 56,365 H4,618 169,098 707,192 H34,988 300,985 21,779 H198,767 H1,432,809 41,439 1,079 31,926 6,364 2021 62,020 4,637 185,878 774,443 44,176 332,122 28,187 203,089 1,567,895 40,211 1,082 35,458 4,768 | 2019 | 63,814 | 4 678 | 199,468 | 709,277 | R 56,664 | 348,683 | 26,344 | R 213,127 | R 1,553,563 | 41,298 | 1,475 | 36,642 | R 7,141 |
| 2021 62,020 4,637 185,878 774,443 44,176 332,122 28,187 203,089 1,567,895 40,211 1,082 35,458 4,768 | | 56,365 | H 4,618 | 169,098 | 707,192 | H 34,988 | 300,985 | 21,779 | H 198,767 | H 1,432,809 | 41,439 | 1,079 | 31,926 | 6,364 |
| | 2021 | 62,020 | 4,637 | 185,878 | 774,443 | 44,176 | 332,122 | 28,187 | 203,089 | 1,567,895 | 40,211 | 1,082 | 35,458 | 4,768 |

a Includes supplemental gaseous fuels that are commingled with natural gas.
 b Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil. Excludes biofuels product supplied.
 c Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
 d Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only;

naphtha-type jet fuel is included in "Other Petroleum."

Beginning in 1993, includes fuel ethanol blended into motor gasoline.

Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be

separately identified.

h Includes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than 0.5.

Notes: Totals may not equal sum of components due to independent rounding. The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type

Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2021, Texas (Trillion Btu)

| | | T | | | Fossil | Fuels | | | | | | Fossil Fuels (as commingled) | |
|--------------|--------------------|--|--|----------------------|--------------------------|--|----------------------|------------------------|------------------------|--------------------------|--|--|---|
| Year | Coal | Natural Gas excluding Supplemental Gaseous Fuels ^a | Distillate Fuel Oil excluding Biofuels ^a | HGL ^b | Jet Fuel ^c | Motor Gasoline excluding Fuel Ethanol ^a | Residual Fuel Oil | Other ^d | Total | Total | Natural Gas including Supplemental Gaseous Fuels ^a | Distillate Fuel Oil including Biofuels ^a | Motor Gasoline including Fuel Ethanol ^a |
| 1960 1965 | 25.0 29.2 | 2,815.5 3,181.5 | 142.1 144.8 | 278.1 414.1 | 58.6 | 482.4 566.5 | 142.0 90.0 | 432.8 663.4 | 1,536.1 1,963.2 | 4,376.5 5,173.9 | 2,815.5 3,181.5 | 142.1 144.8 | 482.4 566.5 |
| 1965 1970 | 29.2 30.8 | 3,181.5 4,203.9 | 144.8 | 414.1 556.2 | 84.3 135.9 | 566.5 | 90.0 | 663.4 897.6 | 1,963.2 | 5,173.9 6,844.9 | 3,181.5 | 144.8 | 566.5 |
| 1970 | 24.0 | 4,203.9 4,482.6 | 188.8 203.4 | 565.8 | 139.4 | 742.7 780.7 | 88.9 76.2 | 906.9 | 2,610.3 2,672.6 | 7,179.2 | 4,203.9 4,482.6 | 188.8 203.4 | 742.7 780.7 |
| 1972 1973 | 50.1 | 4.531.8 | 268.1 | 650.1 674.0 | 144.4 | 836.5 | 93 4 | 1.002.9 | 2.995.4 | 7,577.3 | 4.531.8 | 268.1 313.1 | 836.5 |
| 1973 | 125.9 | 4,531.8 4,746.2 | 268.1 313.1 | 674.0 | 148.2 | 836.5 890.1 | 187.1 | 1,002.9 1,083.1 | 2,995.4 3,295.6 | 7,577.3 8,167.7 | 4,531.8 4,746.2 | 313.1 | 836.5 890.1 |
| 1974 | 133.1 | 4,584.0 | 324.6 | 655.5 | 144.9 | 881.8 922.1 | 226.1 | 1 079 8 | 3,312.7 | 8,029.8 | 4,584.0 4,046.9 | 324.6 | 881.8 |
| 1975 | 196.2 | 4,046.9 | 318.7 | 584.2 575.0 | 152.7 143.3 | 922.1 | 242.3 | 1,000.8 1,163.9 | 3,220.7 3,481.3 | 7,463.8 7,782.3 | 4,046.9 4,074.7 | 318.7 339.7 | 922.1 |
| 1976 1977 | 226.3 288.2 | 4,074.7 4,254.9 | 339.7 435.3 | 5/5.0 569.3 | 143.3 149.3 | 980.8 1,024.4 | 278.5 337.8 | 1,163.9 1,369.4 | 3,481.3 3,885.4 | 7,782.3 8,428.4 | 4,074.7 | 339.7 435.3 | 980.8 1,024.4 |
| 1978 | 418.4 | 4,329.8 | 471.6 | 576.3 | 156.5 | 1,061.1 | 382.7 | 1,497.4 | 4,145.6 | 8,893.8 | 4,329.8 | 471.6 | 1,061.1 |
| 1979 | 587.6 | 4.131.4 | 518.5 | 721.6 | 164.0 | 1 029 5 | 453.1 | 1.674.5 | 4.561.3 | 9.280.3 | 4,131.4 | 518.5 | 1.029.5 |
| 1980 | 734.1 | 4,226.1 | 422.4 | 796.6 | 173.3 | 950.8 972.7 | 409.1 | 1,699.8 | 4,451.9 | 9,412.2 | 4,131.4 4,226.1 | 422.4 | 950.8 |
| 1981 | 858.5 | 4.052.3 | 528.2 | 834.2 | 173.4 | 972.7 | 423.2 | 1,335.9 | 4.267.5 | 9,178.4 | 4.052.3 | 528.2 | 972.7 |
| 982 | 931.1 | 3,503.0 | 527.3 | 778.2 | 240.7 | 1,001.6 | 377.0 | 1,095.5 | 4,020.3 | 8,454.3 | 3,503.0 | 527.3 | 1,001.6 |
| 1983 1984 | 1,016.8 1,074.9 | 3,335.5 3,556.2 | 564.8 489.2 | 704.2 1,036.6 | 266.0 364.3 | 1,024.4 1,033.6 1,079.1 | 271.6 222.5 | 1,164.5 1,052.1 | 3,995.6 4,198.4 | 8,347.9 8,829.4 | 3,335.5 3,556.2 | 564.8 489.2 | 1,024.4 1,033.6 |
| 985 | 1,149.0 | 3,514.4 | 465.9 | 1,009.4 | 420.5 | 1,033.0 | 180.5 | 1,036.0 | 4,191.4 | 8,854.8 | 3,514.4 | 465.9 | 1,079.1 |
| 986 | 1,162.7 | 3,312.9 | 430.1 | 993.8 | 453.0 | 1 100 6 | 175.0 | 1,170.9 | 4.323.4 | 8,799.0 | 3,312.9 | 430.1 | 1,100.6 |
| 987 | 1,203.9 | 3.435.4 | 409.6 | 1,101.3 1,156.4 | 477.6 | 1,078.6 | 138.1 | 1.165.2 | 4.370.5 | 9.009.8 | 3.435.4 | 409.6 | 1.078.6 |
| 988 | 1,264.1 | 3,665.2 | 404.5 | 1,156.4 | 535.5 | 1,078.6 1,096.2 1,069.1 1,079.0 | 153.0 | 1,275.2 | 4,620.7 | 9,550.0 | 3,665.2 | 404.5 | 1,096.2 |
| 1989 | 1,335.9 | 3,886.1 3,876.5 | 430.1 | 1,213.0 | 526.9 | 1,069.1 | 179.6 | 1,232.5 | 4,651.2 | 9,873.3 | 3,886.1 | 430.1 | 1,069.1 |
| 1990 1991 | 1,333.7 1,333.4 | 3,876.5 3,823.1 | 395.6 423.3 | 1,166.8 1,284.6 | 542.1 512.8 | 1,079.0 | 172.7 178.8 | 1,402.4 1,339.2 | 4,758.5 | 9,968.7 9,939.4 | 3,877.8 3,824.2 | 395.6 423.3 | 1,079.0 1,044.2 |
| 1991 | 1,333.4 | 3,768.3 | 443.8 | 1,351.6 | 509.1 | 1,044.2 | 192.3 | 1,435.2 | 4,782.9 4,986.3 | 10,078.7 | 3,768.3 | 443.8 | 1,054.2 |
| 1993 | 1,430.7 | 3,925.2 | 477.5 | 1,309.2 | 492.0 | 1.081.7 | 141.9 | 1,424.9 | 4.927.3 | 10.283.1 | 3.925.2 | 477.5 | 1,082.2 |
| 1994 | 1,389.4 | 3,885.1 | 477.5 485.0 | 1.457.1 | 472.5 | 1,139.4 | 135.9 | 1,459.6 | 5.149.5 | 10.424.0 | 3.885.1 | 477.5 485.0 | 1,140.7 |
| 1995 | 1,364.8 | 4,037.5 | 5129 | 1,490.8 | 470.5 | 1,044.2 1,054.2 1,081.7 1,139.4 1,106.5 1,178.1 | 141.7 | 1,399.1 | 5,121.5 5,497.7 | 10,523.8 11,251.9 | 4,037.5 4,268.7 | 512.9 | 1,110.7 |
| 1996 | 1,485.6 | 4,268.7 | 563.1 | 1,576.5 | 566.2 | 1,178.1 | 127.6 | 1,486.2 | 5,497.7 | 11,251.9 | 4,268.7 | 563.1 | 1,179.7 |
| 1997 1998 | 1,523.2 1,488.6 | 4,231.6 4,378.0 | 570.7 619.6 | 1,751.9 1,726.3 | 599.0 616.0 | 1,167.4 1,226.5 | 138.9 160.4 | 1,635.1 1,585.7 | 5,863.0 5,934.4 | 11,617.8 | 4,231.6 4,378.0 | 570.7 619.6 | 1,171.1 1,232.0 |
| 1998 | 1,488.6 | 4,378.0 4,138.1 | 609.5 | 1,726.3 | 504 S | 1,220.5 | 113.9 | 1,585.7 | 5,934.4 5,842.3 | 11,801.0 11,510.8 | 4,378.0 | 609.3 | 1,232.0 |
| 2000 | 1,548.2 | 4,550.1 | 609.3 650.8 | 1,766.5 1,632.4 | 594.8 582.4 | 1,259.3 1,293.9 | 137.1 | 1,498.5 1,470.4 | 5,842.3 5,767.1 | 11,865.4 | 4,138.1 4,550.1 | 650.8 | 1,264.0 1,299.3 |
| 2001 | 1,493.0 | 4,382.9 | 694.7 | 1,541.2 | 639.8 | 1.328.8 | 108.4 | 1,460.6 | 5.773.6 | 11,649.5 | 4.384.5 | 694.7 | 1.334.3 |
| 2002 | 1,550.3 | 4.444.5 | 664.0 | 1 619 3 | 655.4 | 1,328.8 1,393.5 | 106.8 | 1.485.9 | 5,773.6 5,924.9 | 11,919.7 | 4,384.5 4,444.5 | 664.0 | 1,334.3 1,395.9 |
| 2003 | 1,604.0 | 4,177.1 | 686.7 | 1,654.0 | 574.6 | 1,398.8 1,430.4 | 116.7 | 1,548.2 1,673.9 | 5,979.0 | 11,760.1 | 4,177.1 4,039.8 | 686.7 | 1,400.8 |
| 2004 | 1,626.0 1,627.9 | 4,039.8 | 701.8 | 1,716.5 | 503.6 455.8 | 1,430.4 | 135.5 | 1,6/3.9 | 6,161.7 | 11,827.5 | 4,039.8 | 701.8 744.0 | 1,432.7 |
| 2005 2006 | 1,627.9 | 3,621.1 3,544.8 | 744.0 820.3 | 1,583.6 1,562.0 | 455.8 461.8 | 1,443.8 1,442.3 | 163.6 175.8 | 1,597.1 1,624.0 | 5,987.8 6,086.2 | 11,236.8 11,241.3 | 3,621.1 3,544.8 | 744.0 820.3 | 1,445.2 1,479.9 |
| 2007 | 1,609.2 | 3,626.5 | 836.0 | 1,621.8 | 427.6 | 1,440.7 | 205.4 | 1,385.6 | 5,917.1 | 11.152.8 | 3,626.5 | 836.0 | 1,494.3 |
| 2008 | 1,605.9 | 3.653.5 | 816.7 | 1.288.0 | 411.2 | 1,440.7 1,407.5 | 180.6 | 1.141.3 | 5 245 2 | 11,152.8 10,504.6 | 3.653.5 | 816.7 | 1.471.2 |
| 2009 | 1,497.9 | 3,481.1 | R 746 5 | 1,303.5 | 350.5 | 1.402.5 | 158.9 | 1,096.9 | R 5,058.7 | H 10 037 7 | 3,481.1 | 753.6 | 1,469.2 |
| 2010 2011 | 1,568.1 1,695.2 | 3,689.6 3,800.6 | R 806.7 R 902.7 | 1,557.8 1,499.1 | 258.5 261.7 | 1,402.7 1,365.8 | 195.7 195.8 | 1,172.8 1,168.2 | R 5,394.2 | R 10,651.8 R 10,889.1 | 3,689.6 3,800.6 | 811.8 | 1,488.8 1,467.9 |
| 2011 2012 | 1,695.2 1.498.8 | 3,800.6 | R 902.7 | 1,499.1 1,637.7 | 261.7 257.9 | 1,365.8 | 195.8 134.2 | 1,168.2 | R 5,393.3 R 5,504.7 | T 10,889.1 | 3,800.6 3,964.1 | 916.0 | 1,467.9 1,481.0 |
| 2012 | 1,498.8 | 3,964.1 4,131.2 | R 930 2 | 1,810.5 | 268.0 | 1,385.3 1,431.8 | 134.2 | 1,177.5 1,259.8 | H 5 829 0 | R 10,967.7 R 11,557.6 | 3,964.1 4,131.2 | 926.3 957.3 | 1,481.0 |
| 2014 | 1.586.0 | 4.060 6 | R 912.2 R 930.2 R 1,065.3 R 985.9 | 1.688.3 | 270.3 | 1,486.1 | 133 4 | 1,160.2 | R 5.803 5 | R 11,450 1 | 4.060 6 | 1.094 2 | 1,591 7 |
| 2015 | 1,586.0 1,340.4 | 4,060.6 4,263.9 | Ř 985.9 | 1,688.3 R 1,882.9 | 270.3 296.4 | 1,486.1 1,554.7 | 133.4 128.6 | 1,160.2 1,173.8 | R 5,803.5 R 6,022.4 | R 11,450.1 R 11,626.7 | 4,060.6 4,263.9 | 1,094.2 1,016.2 | 1,591.7 1,663.9 |
| 2016 2017 | 1,323.1 | 4,151.1 | R 980.0 R 1,006.3 | 1.889.6 | 300.7 298.4 | 1,586.9 1,596.0 | 191.3 194.3 | 1,226.6 B 1,253.0 | R 6,175.1 R 6,286.2 | H 11.649.3 | 4,151.1 3,987.8 | 1,020.1 1,045.0 | 1,708.5 1,719.1 |
| 2017 | 1,452.0 | 3,987.8 | H 1,006.3 | 1,938.2 | 298.4 | 1,596.0 | 194.3 | H 1,253.0 | H 6,286.2 | H 11.726.0 | 3,987.8 | 1,045.0 | 1,719.1 |
| 2018 2019 | 1,189.3 992.7 | 4,596.6 4,795.2 | R 1,102.3 R 1,112.6 | 2,278.7 2,355.0 | 301.9 R 321.3 | 1,625.3 1,634.0 | 159.5 165.6 | R 1,253.2 R 1,261.8 | R 6,720.8 R 6,850.2 | R 12,506.8 R 12,638.1 | 4,596.6 4,795.3 | 1,139.8 1,148.7 | 1,749.9 1,761.5 |
| 2019 2020 | 992.7 872.8 | 4,795.2 R 4,718.4 | R 939.1 | 2,355.0 2,326.6 | R 198.4 | 1,634.0 1,409.6 | 165.6 | R 1,177.3 | R 6,188.0 | R 11,779.2 | 4,795.3 R 4,720.0 | 1,148.7 973.3 | 1,761.5 1,520.6 |
| | 968.4 | 4,736.9 | 1,055.6 | 2,572.8 | 250.5 | 1,553.9 | 177.2 | 1,207.0 | 6.802.2 | 12,507.5 | 4,739.5 | 1,071.4 | 1,677.2 |
| 2021 | 968.4 | 4,736.9 | 1,055.6 | 2,572.8 | 250.5 | 1,553.9 | 177.2 | 1,207.0 | 6,802.2 | 12,507.5 | 4,739.5 | 1,071.4 | |

a Supplemental gaseous fuels (SGF) and biofuels are consumed with natural gas and petroleum products. In this table, SGF and biofuels are removed from natural gas and petroleum so that a fossil fuel total can be calculated without double-counting. Biofuels are included in "Renewable Energy."
 b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
 c Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."
 d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes. Section 4.

products" category. See Technical Notes, Section 4.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Notes: Totals may not equal sum of components due to independent rounding. The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each

type of energy.

Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2021, Texas (Continued) (Trillion Btu)

| | | | | | | | Renewable En | ergy | | | | | | | |
|--------------|------------------------------|--|----------------------------------|------------------------------|--------------|---------------------|--|--------------------|------------------------------|------------------------------|---------------------------|------------------------|---|--|--------------------------------------|
| | | | | | Bior | nass | | | | | | | Net | | |
| Year | Nuclear Electric Power | Hydro- electric Power ^{e,f} | Wood and Waste ^{f,g} | Fuel Ethanol ^h | Biodiesel | Renewable Diesel | Losses and Co- products ⁱ | Total ^f | Geo- thermal ^f | Solar ^{f,j} | Wind | Total ^f | Interstate Flow of Electricity k | Electricity Net Imports | Total ^f |
| 1960 | 0.0 | 11.9 | 38.3 | NA | NA | NA | NA | 38.3 | 0.0 | NA | NA | 50.2 | -9.9 | -0.6 | 4,416.2 |
| 1965 1970 | 0.0 0.0 | 7.8 10.5 | 41.2 52.2 | NA NA | NA NA | NA NA | NA NA | 41.2 52.2 | 0.0 0.0 | NA NA | NA NA | 49.0 62.8 | -10.4 14.5 | -0.3 -0.4 | 5,212.2 |
| 1970 | 0.0 | 9.2 | 51.3 | NA NA | NA NA | NA NA | NA NA | 51.3 | 0.0 | NA NA | NA NA | 60.5 | -5.3 | -0.4 | 6,921.8 7,233.8 |
| 1972 | 0.0 | 8.6 | 58.9 60.4 59.7 | NA NA | NA | NA | NA | 58.9 60.4 | 0.0 | NA | NA | 67.6 | -21.0 | -0.7 | 7,623.2 |
| 1973 1974 | 0.0 | 17.7 | 60.4 | NA | NA NA | NA | NA | 60.4 | 0.0 | NA | NA | 78.1 | -3.3 | -1.1 | 8,241.4 |
| 1974 1975 | 0.0 0.0 | 17.0 20.1 | 59.7 55.8 | NA NA | NA NA | NA NA | NA NA | 59.7 55.8 | 0.0 0.0 | NA NA | NA NA | 76.7 75.9 | -11.6 -27.1 | -1.2 -1.2 | 8,093.7 7,511.4 |
| 1976 | 0.0 | 11.1 | 64.9 | NA | NA | NA | NA | 64.9 | 0.0 | NA | NA | 76.0 | -21.5 | -0.8 | 7,835.9 |
| 1977 | 0.0 | 12.2 | 70.4 | NA | NA | NA | NA | 70.4 | 0.0 | NA | NA | 82.6 | -35.1 | -0.2 | 8,475.8 |
| 1978 1979 | 0.0 0.0 | 7.9 12.4 | 76.3 77.3 | NA NA | NA NA | NA NA | NA NA | 76.3 77.3 | 0.0 0.0 | NA NA | NA NA | 84.2 89.7 | -36.8 -62.0 | -0.1 -0.1 | 8,941.1 9,307.9 |
| 1979 | 0.0 | 12.4 | 77.3 55.6 | NA NA | NA NA | NA NA | NA NA | 77.3 55.6 | 0.0 | NA NA | NA NA | 65.8 | -62.0 -90.5 | -0.1 -2.0 | 9,307.9 |
| 1981 | 0.0 | 12.0 | 58.5 | 0.0 | NA | NA | | 58.5 | 0.0 | NA | NA | 70.5 | -100.5 | -1.0 | 9,147.4 |
| 1982 | 0.0 | 10.7 | 69.7 | 0.3 | NA | NA | (s) (s) | 70.0 | 0.0 | NA | NA | 80.8 | -63.9 | (s) 0.2 | 8.471.2 |
| 1983 1984 | 0.0 0.0 | 11.6 10.8 | 64.1 76.2 | 2.3 1.6 | NA NA | NA NA | (s) (s) | 66.4 77.9 | 0.0 0.0 | NA 0.0 | 0.0 0.0 | 78.1 88.6 | -19.6 28.0 | 0.2 0.2 | 8,406.5 8,946.2 |
| 1985 | 0.0 | 14.6 | 78.8 | 2.8 | NA NA | NA NA | (S) | 81.7 | 0.0 | 0.0 | 0.0 | 96.3 | 60.7 | (s) | 9.011.8 |
| 1986 | 0.0 | 20.6 | 89.7 | 2.7 | NA | NA | (s) | 92.5 | 0.0 | 0.0 | 0.0 | 113.1 | 95.6 | (s) (s) | 9,007.6 |
| 1987 | 0.0 | 22.5 | 94.4 | 3.8 | NA | NA | (s) | 98.2 | 0.0 | 0.0 | 0.0 | 120.7 | 109.7 | -0.1 | 9,240.1 |
| 1988 1989 | 40.2 105.7 | 12.8 15.0 | 96.1 109.8 | 2.9 2.2 | NA NA | NA NA | (s) (s) | 99.0 112.0 | 0.0 0.2 | 0.0 0.4 | 0.0 0.0 | 111.8 127.6 | 109.9 -12.7 | -0.1 -0.2 | 9,811.8 10,093.7 |
| 1990 | 167.8 | 18.7 | 96.0 | 2.0 | NA NA | NA NA | (s) | 98.0 | 0.2 | 0.4 | 0.0 | 117.3 | -161.8 | -0.2 | 10,093.7 |
| 1991 | 207.6 | 23.2 | 96.4 | 2.0 | NA | NA | (s) | 98.4 | 0.3 | 0.4 | 0.0 | 122.3 | -173.1 | -1.5 | 10.094.6 |
| 1992 1993 | 256.5 130.3 | 27.3 18.4 | 105.8 | 2.3 | NA NA | NA NA | (s) 0.0 | 108.1 | 0.3 | 0.4 | 0.0 | 136.1 | -214.8 | -3.3 | 10,253.1 |
| 1993 | 300.4 | 15.4 | 98.0 97.5 | 0.5 1.3 | NA NA | NA NA | 0.0 | 98.6 98.8 | 0.3 0.3 | 0.4 0.5 | 0.0 0.0 | 117.7 115.4 | -177.5 -173.3 | -2.7 -3.3 | 10,350.9 10,663.3 |
| 1995 1996 | 379.8 375.7 | 17.6 9.9 | 99.5 | 4.2 | NA | NA | 0.0 | 103.7 100.4 | 0.4 | 0.5 0.5 | 0.0 0.9 | 122.1 | -211.5 -157.1 | -3.2 | 10,811.1 11,579.0 |
| 1996 | 375.7 | 9.9 | 98.8 | 1.6 | NA | NA | 0.0 | 100.4 | 0.4 | 0.5 | 0.9 | 112.1 | -157.1 | -3.5 | 11,579.0 |
| 1997 1998 | 392.0 405.8 | 18.3 | 102.6 | 3.7 5.5 | NA NA | NA NA | 0.0 0.0 | 106.3 | 0.5 0.5 | 0.5 | 0.8 | 126.4 115.6 | -149.7 -163.6 | -2.0 2.5 | 11,984.5 |
| 1999 | 384.1 | 14.5 11.5 | 93.7 78.1 | 4.7 | NA NA | NA NA | 0.0 | 99.1 82.9 | 0.6 | 0.6 0.6 | 0.8 3.3 | 98.7 | -206.2 | 0.6 | 12,161.3 11,788.1 |
| 2000 | 391.7 | 8.5 | 81.5 | 5.4 | NA | NA | 0.0 | 86.9 | 0.6 | 0.5 | 5.0 | 101.5 | -216.9 | -0.1 | 12,141.6 |
| 2001 | 398.5 | 12.4 | 70.7 | 5.5 | 0.1 | NA | 0.0 | 76.3 | 0.6 | 0.5 0.5 | 12.3 27.0 | 102.2 | -207.7 | (s) | 11,942.6 |
| 2002 | 371.9 348.5 | 11.4 | 81.3 | 2.4 1.9 | 0.2 0.2 | NA NA | 0.0 0.0 | 84.0 81.1 | 0.7 0.9 | 0.5 | 27.0 | 123.6 117.6 | -173.5 -196.7 | -0.7 -0.7 | 12,241.0 12,028.7 |
| 2003 2004 | 421.7 | 9.1 13.0 | 78.9 74.8 | 2.3 | 0.4 | NA | 0.0 | 77.5 | 1.0 | 0.5 0.5 0.5 | 26.0 31.4 | 123.5 | -297.6 | -0.7 | 12.074.3 |
| 2005 | 399.0 | 13.3 | 80.2 | 1.4 | 1.3 3.7 | NA | (s) | 82.8 | 1.2 | 0.5 | 42.4 | 140.2 | -235.8 | -0.7 | 11.539.4 |
| 2006 2007 | 430.6 429.6 | 6.6 16.3 | 77.7 84.5 | 37.6 53.6 | 3.7 5.0 | NA NA | (s) (s) 0.1 | 119.0 143.2 | 1.3 1.5 | 0.5 | 66.2 89.0 | 193.5 250.5 | -187.2 | -0.7 -0.8 | 11,677.4 11,779.3 |
| 2007 | 425.7 | 10.2 | 100.0 | 63.8 | 4.3 | NA NA | 10.6 | 178.7 | 1.7 | 0.5 R 0.5 0.6 R 0.8 | 159.9 | 351.1 | -52.7 -17.4 | -0.2 | 11,779.3 |
| 2008 2009 | 434.0 | 10.0 | 100.0 64.2 | 66.7 | 4.3 4.6 | NA | 9.3 | 144.8 | 2.1 | _ 0.6 | 159.9 195.5 | R 352.9 | 56.9 | 0.4 | 11,263.8 R 10,881.9 R 11,604.3 |
| 2010 | 432.0 | 12.3 | 85.4 | 86.0 | 3.7 | NA | 11.5 | 186.6 | 2.3 | H 0.8 | 256.1 | 458.2 | 62.3 | (s) -0.8 | H 11,604.3 |
| 2011 2012 | 414.9 402.8 | 5.5 5.6 | 91.0 89.8 | 102.1 95.7 | 12.5 15.5 | 0.0 0.0 | 13.2 15.4 | 218.9 216.4 | 2.5 2.5 | 1.3 2.4 | 296.8 306.6 | 524.9 R 533.4 | 0.1 -42.0 | -0.8 -0.8 | R 11,828.2 R 11,861.2 |
| 2013 | 400.4 | 4.6 | 95.3 | 95.6 | 29.3 | 0.0 | 11.5 | 231.7 | 2.5 | 3.2 | 342.3 | 584.2 | 94.3 | -2.3 | R 12,634.1 R 12,624.2 |
| 2014 | 410.9 | 4.6 3.7 | 94.8 | 105.6 | 29.3 25.6 | 0.0 | 16.6 | 231.7 242.7 | 2.5 2.5 | 3.2 4.8 | 342.3 380.4 R 417.6 | 634.1 | 120 6 | -1.4 | R 12,624.2 |
| 2015 | 411.6 | 8.9 12.4 | 81.4 80.9 | 109.2 | 28.2 | 0.0 | 18.7 19.3 | 237.5 264.1 | 2.5 | 6.4 | H 417.6 | R 672.8 R 820.8 | H 46.4 | -0.9 | R 12,756.6 |
| 2016 2017 | 440.1 403.5 | 9.8 | 80.9 80.5 | 121.6 123.1 | 42.4 37.2 | 0.0 0.0 | 19.3 19.6 | 264.1 260.4 | 2.5 2.5 | 10.9 R 25.1 | R 530.9 R 617.5 | R 915.3 | R 146 0 | -6.6 -19.1 | R 12,989.1 R 13,172.6 |
| 2018 | 430.6 | R 10.2 | 86.7 | 124.5 | 42.2 | 0.0 | 18.8 | 272.2 | 2.5 | 36.3 | H 688 7 | R 1 000 0 | R 54.3 | 15.9 | H 14 017 5 |
| 2019 | 431.2 | 13.1 | 80.9 | 127.6 | 38.3 | 0.0 | 16.2 | H 263.0 | 2.5 2.5 | 18.1 | H 744.1 | R 1,071.1 R 1,149.5 | R 46.4 R 85.5 R 146.9 R 54.3 R 115.6 R 144.4 | -15.2 | R 14,240.9 R 13,495.5 |
| 2020 2021 | R 432.9 420.0 | 9.5 9.6 | 79.9 84.0 | 111.0 123.3 | 34.1 25.6 | 0.0 0.0 | 12.6 15.6 | 237.6 248.5 | 2.5 2.5 | R 89.6 152.8 | R 810.4 879.7 | H 1,149.5 1,293.1 | H 144.4 146.3 | -10.5 -8.3 | H 13,495.5 14,358.7 |
| 2021 | 420.0 | 9.0 | 04.0 | 123.3 | 20.0 | 0.0 | 10.0 | 240.5 | 2.3 | 132.0 | 013.1 | 1,233.1 | 140.3 | -0.3 | 14,330.7 |

^e Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.

There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy

Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

I Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatthours by 3,412 Btu per

sources beginning in 1989.

⁹ Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

h Excludes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

Losses and co-products from the production of biodiesel and fuel ethanol.

Solar thermal and photovoltaic energy.

k Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across state lines. A positive number indicates that more electricity came into the state than went out of the state during the year.

kilowatthour.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Notes: Totals may not equal sum of components due to independent rounding. The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for

each type of energy.

Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT3. Total End-Use Sector Energy Consumption Estimates, Selected Years, 1960-2021, Texas

| | | | | Petroleum | | | | | | | Bion | nass | | | | | | |
|--------------|------------------------|-----------------------------|-------------------------------------|----------------------|--------------------------|--------------------------------|----------------------|----------------------|--------------------------|--|-------------------------------------|--|------------------------------|----------------------|-------------------------------|-----------------------|---|--------------------------|
| | Coal | Natural Gas ^a | Distillate Fuel Oil ^b | HGL [©] | Jet Fuel ^d | Motor Gasoline ^e | Residual Fuel Oil | Other ^f | Total | Hydro- electric Power ^{g,h} | | | | | Electricity | | Electrical | |
| Year | Thousand Short Tons | Billion Cubic Feet | | | т | housand Barrel | s | | | Million Kilowatt- hours | Wood and Waste ^{h,i} | Losses and Co- products ^j | Geo- thermal ^h | Solar ^{h,k} | Million Kilowatt- hours | End Use h,m | System Energy Losses ⁿ | Total ^{h,m} |
| 1960 | 1,067 | 2,313 | 24,381 | 73,297 | 10,842 | 91,841 | 22,542 | 72,395 | 295,299 | 0 | | | | | 35,726 | | | |
| 1970 1980 | 1,154 3,251 | 3,032 2,661 | 32,365 71,387 | 151,223 216,760 | 24,430 30,934 | 141,393 180,997 | 14,042 64,410 | 154,372 293,865 | 517,824 858,353 | 0 | | | | | 95,735 179,430 | | | |
| 1990 | 4,167 | 2,594 | 67,188 | 326,112 | 95,903 | 205,402 | 27,209 | 240.278 | 962.091 | 0 | | | | | 237,415 | | | |
| 2000 | 4,503 | 2,844 | 109,700 | 457,553 | 102,717 | 249,819 | 21,408 | 253,553 | 1,194,750 | 0 | | | | | 318,263 | | | |
| 2005 | 4,094 | 2,056 | 127,557 | 447,915 | 80,382 | 278,350 | 25,997 | 276,136 | 1,236,337 | 0 | | | | | 334,258 | | | |
| 2006 | 4,102 | 1,991 | 141,107 | 446,844 | 81,452 | 285,419 | 27,903 | 279,585 | 1,262,311 | 0 | | | | | 342,724 | | | |
| 2007 | 1,868 | 2,065 | 144,300 | 465,349 | 75,409 | 290,606 | 32,625 | 238,730 | 1,247,018 | 0 | | | | | 343,829 | | | |
| 2008 2009 | 1,817 847 | 2,124 2,015 | 141,099 130,311 | 370,537 382,871 | 72,516 61,808 | 288,139 288,646 | 28,718 25,272 | 196,493 188,674 | 1,097,501 1,077,581 | 0 | | | | | 347,815 345,351 | | | |
| 2010 | 963 | 2,240 | 140,375 | 461,226 | 45,595 | 293,814 | 31,123 | 203,381 | 1,175,514 | 0 | | | | | 358,458 | | | |
| 2011 | 968 | 2,253 | 158,486 | 457,769 | 46,157 | 289,923 | 31,148 | 202,624 | 1,186,106 | 0 | | | | | 376,065 | | | |
| 2012 | 958 | 2,347 | 160,384 | 490,254 | 45,480 | 292,573 | 21,321 | 204,521 | 1,214,533 | 0 | | | | | 365,104 | | | |
| 2013 | 1,011 | 2,612 | 165,932 | 536,247 | 47,262 | 301,856 | 20,468 | 219,337 | 1,291,102 | 0 | | | | | 378,817 | | | |
| 2014 | 1,304 | 2,513 | 189,668 | 505,403 | 47,670 | 314,632 | 21,214 | 201,028 | 1,279,616 | 0 | | | | | 389,670 | | | |
| 2015 | 958 | 2,500 | 176,164 | R 553,894 | 52,275 | 329,038 | 20,455 | 203,002 | R 1,334,828 | 0 | | | | | 392,337 | | | |
| 2016 2017 | 673 630 | 2,496 2,505 | 177,045 181,383 | R 564,467 583,826 | 53,026 52,623 | 337,977 340,217 | 30,436 30,910 | 207,737 R 213,004 | 1,370,688 R 1,401,963 | 0 | | | | | 398,662 401,880 | | | |
| 2017 | 530 | 2,828 | 197,813 | 693,603 | R 53,240 | 346,231 | 25,363 | R 213,228 | R 1,529,478 | 1 | | | | | 424,419 | | | |
| 2019 | 503 | 2,891 | 199,374 | 709,277 | R 56,664 | 348,683 | 26,344 | R 213,127 | R 1,553,469 | i | | | | | 429,343 | | | |
| 2020 | 296 | R 2,880 | 169,007 | 707,192 | R 34,988 | 300,985 | 21,779 | R 198,767 | R 1,432,718 | 1 | | | | | 426,863 | | | |
| 2021 | 258 | 3,011 | 185,476 | 774,443 | 44,176 | 332,122 | 28,187 | 203,089 | 1,567,493 | 1 | | | | | 435,628 | | | |
| | | | | | | | | | Trillion | Btu | | | | | | | | |
| 1960 | 25.0 | 2,393.9 | 142.0 | 278.1 | 58.6 | 482.4 | 141.7 | 432.8 | 1,535.7 | 0.0 | 38.3 | NA | NA | NA | 121.9 | 4,114.8 | 301.4 | 4,416.2 |
| 1970 | 30.8 | 3,113.6 | 188.5 | 556.2 | 135.9 | 742.7 | 88.3 | 897.6 | 2,609.4 | 0.0 | 51.2 | NA NA | | NA | 326.6 | 6,131.6 | 790.2 | 6,921.8 |
| 1980 | 63.4 | 2,743.2 | 415.8 | 796.6 | 173.3 | 950.8 | 404.9 | 1,699.8 | 4,441.2 | 0.0 | 54.8 | NA | NA | NA | 612.2 | 7,914.8 | 1,470.7 | 9,385.5 |
| 1990 | 61.8 | 2,703.8 | 391.4 | 1,166.8 | 542.1 | 1,079.0 | 171.1 | 1,402.4 | 4,752.7 | 0.0 | 92.7 | (s) | 0.2 | 0.4 | 810.1 | 8,422.8 | 1,668.9 | 10,091.8 |
| 2000 | 73.3 | 2,939.4 | 638.3 | 1,632.4 | 582.4 | 1,299.3 | 134.6 | 1,453.4 | 5,740.4 | 0.0 | 80.6 | 0.0 | | 0.5 | 1,085.9 | 9,920.7 | 2,220.9 | 12,141.6 |
| 2005 | 70.4 | 2,113.7 | 742.1 | 1,583.6 | 455.8 | 1,445.2 | 163.4 | 1,581.5 | 5,971.6 | 0.0 | 77.4 | (s) | 1.2 | 0.5 | 1,140.5 | 9,376.6 | 2,162.8 | 11,539.4 |
| 2006 2007 | 70.9 40.4 | 2,043.6 2.118.7 | 818.8 834.6 | 1,562.0 1,621.8 | 461.8 427.6 | 1,479.9 1,494.3 | 175.4 205.1 | 1,607.3 1,373.8 | 6,105.3 5,957.3 | 0.0 | 75.0 80.3 | (s) 0.1 | 1.3 1.5 | 0.5 0.5 | 1,169.4 1,173.1 | 9,469.6 9.376.9 | 2,207.8 2,402.4 | 11,677.4 11,779.3 |
| 2007 | 39.3 | 2,110.7 | 815.6 | 1,021.0 | 411.2 | 1,494.3 | 180.5 | 1,373.8 | 5,957.3 | 0.0 | 95.2 | 10.6 | | R 0.5 | 1,173.1 | 9,376.9 8.816.4 | 2,402.4 | 11,779.3 |
| 2009 | 17.4 | 2,065.3 | 752.8 | 1,303.5 | 350.5 | 1,469.2 | 158.9 | 1,082.3 | 5,117.2 | 0.0 | 59.7 | 9.3 | | 0.6 | 1,178.3 | 8,450.0 | 2,434.5 | R 10,884.4 |
| 2010 | 14.1 | 2,314.3 | 810.7 | 1,557.8 | 258.5 | 1,488.8 | 195.7 | 1,167.4 | 5,478.8 | 0.0 | 80.3 | 11.5 | | 0.8 | 1,223.1 | 9,125.2 | 2,480.6 | 11,605.8 |
| 2011 | 19.8 | 2,316.6 | 914.5 | 1,499.1 | 261.7 | 1,467.9 | 195.8 | 1,161.7 | 5,500.8 | 0.0 | 84.7 | 13.2 | | 1.0 | 1,283.1 | R 9,221.6 | 2,607.4 | R 11,829.0 |
| 2012 | 20.1 | 2,413.7 | 924.9 | 1,637.7 | 257.9 | 1,481.0 | 134.0 | 1,176.8 | 5,612.3 | 0.0 | 81.2 | 15.4 | 2.5 | 1.3 | 1,245.7 | R 9,392.2 | 2,467.5 | R 11,859.7 |
| 2013 | 21.9 | 2,676.1 | 956.3 | 1,810.5 | 268.0 | 1,527.4 | 128.7 | 1,258.5 | 5,949.3 | 0.0 | 87.1 | 11.5 | | 1.7 | 1,292.5 | R 10,042.7 | 2,589.3 | 12,631.9 |
| 2014 | 27.7 | 2,598.6 | 1,093.1 | 1,688.3 B 1 000.0 | 270.3 | 1,591.7 | 133.4 | 1,160.2 | 5,936.9 | 0.0 | 84.3 | 16.6 | | 2.2 | 1,329.6 | 9,998.6 R 10,202.8 | R 2,628.9 R 2,555.9 | R 12,627.5 R 12,758.8 |
| 2015 2016 | 20.6 13.8 | 2,588.1 2,571.1 | 1,015.1 1,019.3 | R 1,882.9 1,889.6 | 296.4 300.7 | 1,663.9 1,708.5 | 128.6 191.3 | 1,173.8 1,226.6 | 6,160.8 6,336.0 | 0.0 | 70.6 71.9 | 18.7 19.3 | | 2.7 4.2 | 1,338.7 1,360.2 | 10,202.8 | R 2,607.4 | R 12,758.8 |
| 2016 | 12.5 | 2,576.1 | 1,044.2 | 1,938.2 | 298.4 | 1,719.1 | 191.3 | R 1,253.0 | R 6,447.3 | (s) | 71.9 | 19.5 | | 5.0 | 1,371.2 | R 10,507.7 | R 2,666.4 | R 13,174.1 |
| 2018 | 10.8 | 2,907.2 | 1,139.2 | 2,278.7 | 301.9 | 1,749.9 | 159.5 | R 1,253.2 | R 6,882.2 | (s) | 78.9 | 18.8 | | 7.1 | 1,448.1 | R 11,356.2 | R 2.656.6 | R 14,012.8 |
| 2019 | 9.9 | 2,966.5 | 1,148.2 | 2,355.0 | R 321.3 | 1,761.5 | 165.6 | R 1,261.8 | R 7,013.4 | (s) | 74.5 | 16.2 | | 9.5 | 1,464.9 | R 11,558.0 | R 2,680.8 | R 14,238.8 |
| 2020 | 6.1 | R 2,946.6 | 972.8 | 2,326.6 | R 198.4 | 1,520.6 | 136.9 | R 1,177.3 | R 6,332.6 | (s) | 74.7 | 12.6 | 2.5 | 14.8 | 1,456.5 | R 10,845.9 | H 2,649.7 | R 13,495.7 |
| 2021 | 6.0 | 3,077.9 | 1,069.1 | 2,572.8 | 250.5 | 1,677.2 | 177.2 | 1,207.0 | 6,953.8 | (s) | 78.1 | 15.6 | 2.5 | 20.8 | 1,486.4 | 11,640.1 | 2,723.6 | 14,363.7 |

^a Includes supplemental gaseous fuels that are commingled with natural gas.

b Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil. Excludes biofuels product supplied.

C Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

d Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

e Beginning in 1993, includes fuel ethanol blended into motor gasoline.

f Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes. Section 4.

⁹ Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.

h There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in

Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

Losses and co-products from the production of biodiesel and fuel ethanol.

k Solar thermal and photovoltaic energy.

¹ Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

m Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by the commercial and industrial sectors. Beginning in 2021, adjusted for the double-counting of biofuels product supplied.

n Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

⁻⁻ = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Total end-use sector consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. Totals may not equal sum of components due to independent rounding. The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2021, Texas

| | | | | Petro | oleum | | Biomass | | | | | | |
|--------------|------------------------|-----------------------------|------------------------|------------------|------------|------------------|--------------|-------------------------|----------------------|--------------------------|------------------|----------------------|--|
| | Coal ^a | Natural Gas ^b | Distillate Fuel Oil | HGL [©] | Kerosene | Total | | | | Electricity ^g | | Electrical System | |
| Year | Thousand Short Tons | Billion Cubic Feet | | Thousar | nd Barrels | | Wood d | Geothermal ^e | Solar ^{e,f} | Million Kilowatthours | End Use e,h | Energy Losses i | Total e,h |
| 1960 | 10 | 172 | 96 | 9,098 | 6 | 9,201 | | | | 11,316 | | | |
| 1965 | 3 | 183 | 96 71 | 11,778 | 7 | 11.856 | | | | 18.745 | | | |
| 1970 1975 | 1 | 232 232 | 134 270 | 13,894 | 33 39 | 14,062 10,613 | | | | 32,591 40,892 | | | |
| 1975 | (s) | 232 225 | 8 | 10,304 5,533 | 198 | 5,739 | | | | 57,178 | | | |
| 1985 | 2 | 213 | 27 | 6.553 | 112 26 | 6,693 5,562 | | | | 71,740 82,548 | | | |
| 1990 | 2 | 211 | 2 | 5,534 | 26 | 5,562 | | | | 82,548 | | | |
| 1995 2000 | 0 | 206 194 | 6 3 | 2,995 9,705 | 22 30 | 3,023 9,738 | | | | 92,831 116,895 | | | |
| 2005 | 1 | 185 | 5 5 | 7,959 | 15 | 9,736 7,979 | | | | 110,090 | | | |
| 2006 | (s) | 166 | | 6.055 | 15 7 | 6.062 | | | | 126,562 126,843 | | | |
| 2007 | (s) | 200 | (s) (s) | 6,613 | 9 | 6,622 6,272 | | | | 124,921 128,240 | | | |
| 2008 | 0 | 193 | (s) 2 | 6,263 | 8 3 | 6,272 | == | | | 128,240 | | | |
| 2009 2010 | 0 | 192 226 | 2 | 5,359 5,337 | 5 5 | 5,364 5,343 | | | | 129,815 137,161 | | | |
| 2011 | 0 | 200 | 3 | 5,337 4,787 | 3 | 4,793 | | | | 145,654 | | | |
| 2012 | Ö | 170 | 2 | 3.821 | Ĭ | 3.824 | | | | 137.412 | | | |
| 2013 | 0 | 207 | (s) | 4,560 | 1 | 4,561 | | | | 140,273 | | | |
| 2014 2015 | 0 | 235 211 | 1 2 | 4,828 4,966 | 2 | 4,831 4,969 | | | | 140,900 145,652 | | | |
| 2015 | 0 | 175 | 1 | 5,099 | 1 | 4,969 5,101 | | | | 145,973 | | | |
| 2017 | Ö | 164 | i | 4,155 | i | 4,157 | | | | 144,242 | | | |
| 2018 | 0 | 227 | 1 | 4,343 | | 4,345 | | | | 157,268 | | | |
| 2019 | 0 | 228 | 1 (2) | 5,624 | (s) | 5,626 | | | | 155,481 | | | |
| 2020 2021 | 0 | 204 211 | (s) 1 | 4,188 3,347 | 1 | 4,188 3,349 | | | | 156,415 155,075 | | | |
| | | | | 0,0 | · | 0,010 | Trillion Btu | | | 100,070 | | | |
| 1960 | 0.0 | 177.7 | 0.6 | 24.0 | (a) | 25.5 | 14.1 | NA | NA | 38.6 | 066.1 | 95.5 | 361.6 |
| 1960 | 0.2 0.1 | 189.3 | 0.6 | 34.9 45.2 | (s) (s) | 35.5 45.7 | 9.4 | NA NA | NA NA | 64.0 | 266.1 308.4 | 152.7 | 461.1 |
| 1965 1970 | (s) | 238.5 | 0.8 | 53.4 | 0.2 | 54.3 | 6.4 | NA | NA | 111.2 | 410.4 | 269.0 | 679.5 |
| 1975 | 0.0 | 239.2 | 1.6 | 39.6 | 0.2 | 41.4 | 7.6 | NA | NA | 139.5 | 427.7 | 334.7 | 762.3 |
| 1980 1985 | (s) | 231.7 221.0 | (s) 0.2 | 21.3 25.2 | 1.1 0.6 | 22.4 26.0 | 12.9 26.4 | NA NA | NA | 195.1 244.8 | 462.2 518.1 | 468.7 560.6 | 930.9 1,078.8 |
| 1985 | (s) 0.1 | 219.5 | 0.2 (s) | 25.2 | 0.6 | 26.0 | 20.4 | 0.2 | NA 0.4 | 281.7 | 545.3 | 580.3 | 1,078.8 |
| 1995 | 0.0 | 215.2 | (s) (s) | 11.5 | 0.1 | 11.7 | 22.1 13.8 | 0.2 | 0.5 | 316.7 | 558.0 | 649.5 | 1,125.6 1,207.5 |
| 2000 | (s) | 200.0 | (s) | 37.3 | 0.2 | 37.5 | 10.7 | 0.3 | 0.5 | 398.8 | 647.9 | 815.7 | 1,463.6 1,491.2 |
| 2005 | (s) | 190.3 | (s) | 30.6 | 0.1 | 30.7 | 18.3 | 0.7 | 0.5 | 431.8 | 672.3 | 818.9 | 1,491.2 |
| 2006 2007 | (s) (s) | 170.6 205.0 | (s) (s) | 23.3 25.4 | (s) 0.1 | 23.3 25.5 | 16.2 17.9 | 0.8 0.9 | 0.5 0.5 | 432.8 426.2 | 644.2 676.1 | 817.1 872.9 | 1,461.3 1,548.9 |
| 2008 | 0.0 | 197.9 | (s) | 24.1 | (s) | 24.1 | 20.1 | 1.1 | 0.5 | 437.6 | 681.2 | 902.3 | 1,583.6 |
| 2009 | 0.0 | 196.9 | (s) | 20.6 | (s) | 20.6 | 12.2 | 1.4 | 0.6 | 437.6 442.9 | 674.6 | 902.3 915.1 | 1,583.6 1,589.7 1,686.9 |
| 2010 | 0.0 | 233.9 | (s) | 20.5 | (s) | 20.5 | 13.1 | 1.5 | 0.7 | 468.0 | 737.7 | 949.2 | 1,686.9 |
| 2011 2012 | 0.0 0.0 | 205.6 174.8 | (s) | 18.4 14.7 | (s) | 18.4 14.7 | 12.7 10.6 | 1.5 1.6 | 0.8 0.9 | 497.0 468.8 | 735.9 671.5 | 1,009.9 928.7 | 1,745.8 |
| 2012 | 0.0 | 212.3 | (s) (s) | 17.5 | (S) | 17.5 | 13.9 | 1.6 | 1.2 | 478.6 | 725.0 | 958.8 | 1,600.2 |
| 2014 | 0.0 | 242.5 | (s) | 18.5 | (s) | 18.6 | 14.0 | 1.6 | 1.5 | 480.7 | 758.8 | 950.6 | R 1,709.4 |
| 2015 | 0.0 | 218.8 | (s) | 19.1 | (s) | 19.1 | 2.8 | 1.6 | 1.8 | 497.0 | 741.1 | H 948.9 | H 1,689.9 |
| 2016 | 0.0 0.0 | 180.6 168.8 | (s) | 19.6 | (s) | 19.6 16.0 | 2.1 1.6 | 1.6 1.6 | 2.9 | 498.1 | 704.8 683.9 | R 954.7 R 957.0 | n 1,659.5 |
| 2017 2018 | 0.0 0.0 | 168.8 233.4 | (s) (s) | 16.0 16.7 | (S) | 16.0 16.7 | 1.6 2.6 | 1.6 1.6 | 3.8 5.4 | 492.2 536.6 | 683.9 796.3 | R 984.4 | 1,640.9 R 1 780 7 |
| 2019 | 0.0 | 234 1 | (s) | 21.6 | (s) | 21.6 | 2.7 | 1.6 | 7.3 | 530.5 | 797.8 | H 970 8 | R 1,768.6 |
| 2020 | 0.0 | R 209.2 | (s) | 16.1 | (s) | 16.1 | 1.9 | 1.6 | 11.9 | 533.7 | 797.8 R 774.4 | R 970.9 | 1,745.8 1,600.2 1,683.8 H 1,709.4 H 1,689.9 H 1,659.5 H 1,640.9 H 1,780.7 H 1,768.6 H 1,745.3 |
| 2021 | 0.0 | 215.8 | (s) | 12.9 | (s) | 12.9 | 2.3 | 1.6 | 17.3 | 529.1 | 778.8 | 969.5 | 1,748.4 |

Beginning in 2008, data are no longer collected and are assumed to be zero.
 Includes supplemental gaseous fuels that are commingled with natural gas.
 Hydrocarbon gas liquids, assumed to be propane only.

d Wood and wood-derived fuels.

e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.

⁹ Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
h Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total.

i Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology. -- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type

web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2021, Texas

| | | | | | Pet | roleum | | | | Biomass | | | | | | |
|--------------|------------------------|-----------------------------|------------------------|------------------|----------------|--------------------------------|----------------------|--------------------|--|-------------------------------------|-------------------------|----------------------|--------------------------|------------------------|---|------------------------|
| | Coal | Natural Gas ^a | Distillate Fuel Oil | HGL ^b | Kerosene | Motor Gasoline ^c | Residual Fuel Oil | Total ^d | Hydro- electric Power ^{e,f} | | | Solar ^{f,h} | Electricity ⁱ | | Electrical | |
| Year | Thousand Short Tons | Billion Cubic Feet | | | Thousa | and Barrels | ' | | Million Kilowatthours | Wood and Waste ^{f,g} | Geothermal ^f | Mill Kilowat | | End Use ^{f,j} | System Energy Losses ^k | Total ^{f,j} |
| 1000 | 7 | 60 | 595 | 2,764 | 656 | 660 | 101 | 4,868 | NA | | | NA | 9,801 | | | |
| 1960 1965 | 3 | 81 | 440 | 3,578 | 788 | 663 711 | 191 64 78 | 5,581 | NA NA | | | NA NA | 14,804 | | | |
| 1970 | 1 | 146 | 830 | 4,221 | 3,603 | 692 | | 9,423 | NA | | | NA | 22,869 | | | |
| 1975 1980 | 0 | 117 169 | 1,669 2,842 | 3,130 1,681 | 4,192 3,251 | 687 3,299 | 677 2,569 | 10,355 13,642 | NA NA | | | NA NA | 33,884 44,062 | | | |
| 1985 | 5 | 152 | 6,778 | 1,991 | 250 | 1,954 | 252 | 11,225 | NA | | | NA NA | 60,150 | | | |
| 1990 | 8 | 172 | 2,225 | 1,681 | 25 | 2,294 | 71 | 6,295 | 0 | | | (s) | 70,781 | | | |
| 1995 2000 | 0 11 | 210 190 | 2,669 5,657 | 910 2,948 | 46 48 | 164 167 | (s) 0 | 3,789 8,821 | 0 | | | (s) (s) | 80,354 99,748 | | | |
| 2005 | ii | 160 | 5,657 2,717 | 2,625 | 44 | 180 | Ö | 8,821 5,565 | ő | | | `1 | 110,784 | | | |
| 2006 | (s) | 147 | 2,420 | 2,308 | 74 | 187 | 0 | 4,988 | 0 | | | R ₂ | 111,130 | | | |
| 2007 2008 | (s) 12 | 161 167 | 2,441 2,282 | 694 2,258 | 43 38 | 372 361 | 14 7 | 3,564 4,947 | 0 | | | 3 | 110,540 113,638 | | | |
| 2009 | 14 | 167 | 3,348 | 1,777 | 34 | 310 | 4 | 5,473 | ŏ | | | _R š | 118,535 | | | |
| 2010 | 11 | 189 | 2,494 | 2,348 | 23 | 326 | 14 | 5,206 | 0 | | | R 11 R 22 | 121,467 | | | |
| 2011 2012 | 11 10 | 184 161 | 4,600 4,168 | 1,801 1,804 | 19 9 | 300 303 | 44 24 | 6,763 6,308 | 0 | | | R 35 | 128,214 133,105 | | | |
| 2013 | 9 | 174 | 3,424 | 1,953 | 5 | 315 | 29 | 5,726 | ő | | | R 54 | 136,516 | | | |
| 2014 | 8 | 185 | 3,219 | 2,094 | 13 | 303 | 9 | 5,639 | 0 | | | 73 | 139,432 | | | |
| 2015 2016 | 6 | 176 164 | 2,891 3,262 | 2,240 1,836 | 7 12 | 5,151 5,082 | 0 7 | 10,289 10,199 | 0 | | | 100 141 | 136,324 139,104 | | | |
| 2017 | ŏ | 165 | 2,570 | 1,713 | 5 | 5,021 | Ó | 9,308 | ž | | | 133 | 137,486 | | | |
| 2018 | 0 | 214 | 1,991 | 2,478 | 5 | 5,074 | 0 | 9,547 | 1 | | | 189 | 143,525 | | | |
| 2019 2020 | 0 | 198 173 | 2,397 1,780 | 2,526 4,527 | 6 9 | 5,120 5,144 | 0 57 | 10,049 11,517 | 1 | | | 246 323 | 142,002 145,168 | | | |
| 2021 | ő | 181 | 2,762 | 5,499 | 6 | 5,187 | 0 | 13,454 | i | | | 400 | 147,843 | | | |
| | | | | | | | | Tril | lion Btu | | | | | | | |
| 1960 | 0.1 | 61.8 | 3.5 | 10.6 | 3.7 | 3.5 3.7 | 1.2 | 22.5 | NA | 0.3 | NA | NA | 33.4 | 118.1 | 82.7 | 200.8 |
| 1965 1970 | (s) | 83.6 | 2.6 4.8 | 13.7 16.2 | 4.5 20.4 | 3.7 3.6 | 0.4 | 24.9 | NA NA | 0.2 0.1 | NA NA | NA NA | 50.5 78.0 | 159.2 273.8 | 120.6 188.8 | 279.8 462.6 |
| 1975 | (s) 0.0 | 150.0 120.2 | 9.7 | 12.0 | 23.8 | 3.6 | 0.5 4.3 | 45.6 53.4 | NA NA | 0.1 | NA NA | NA NA | 115.6 | 289.3 | 277.3 | 566.7 |
| 1980 | (s) | 173.7 | 16.6 | 6.5 | 18.4 | 17.3 | 16.2 | 74.9 | NA | 0.3 | NA | NA | 150.3 | 399.3 | 361.2 | 760.5 |
| 1985 1990 | 0.1 0.2 | 157.7 179.6 | 39.5 13.0 | 7.6 6.5 | 1.4 0.1 | 10.3 12.0 | 1.6 0.4 | 60.4 32.0 | NA 0.0 | 0.6 2.5 | NA (s) | NA (s) | 205.2 241.5 | 424.1 455.8 | 470.1 497.6 | 894.2 953.4 |
| 1995 | 0.0 | 218.5 | 15.5 | 3.5 | 0.3 | 0.9 | (s) | 20.1 | 0.0 | 1.9 | 0.1 | (s) | 274.2 | 514.8 | 562.2 | 1,077.0 |
| 2000 | 0.2 | 196.8 | 32.9 | 11.3 | 0.3 | 0.9 | (s) 0.0 | 45.4 | 0.0 | 1.9 | 0.2 | (s) | 340.3 | 584.9 | 696.1 | 1,280.9 |
| 2005 2006 | 0.3 (s) | 164.4 151.2 | 15.8 14.0 | 10.1 8.9 | 0.2 0.4 | 0.9 1.0 | 0.0 0.0 | 27.1 24.3 | 0.0 0.0 | 3.3 3.2 | 0.5 0.5 | (s) (s) | 378.0 379.2 | 573.6 558.4 | 716.8 715.9 | 1,290.5 1,274.3 |
| 2007 | (s) | 165.5 | 14.1 | 2.7 | 0.4 | 1.9 | 0.0 | 19.0 | 0.0 | 3.4 | 0.6 | (s) | 377.2 | 565.7 | 772.4 | 1,338.0 |
| 2008 | 0.3 | 171.6 | 13.2 | 8.7 | 0.2 | 1.8 | (s) (s) | 24.0 | 0.0 | 3.5 | 0.6 | (s) | 387.7 | 587.8 | 799.6 | 1,387.4 |
| 2009 2010 | 0.4 0.3 | 171.5 195.0 | 19.3 14.4 | 6.8 9.0 | 0.2 0.1 | 1.6 1.7 | (s) 0.1 | 28.0 25.3 | 0.0 0.0 | 2.2 2.2 | 0.7 0.8 | 0.1 _ 0.1 | 404.4 414.4 | 607.2 638.2 | 835.6 840.6 | 1,442.8 1,478.8 |
| 2010 | 0.3 | 189.6 | 26.5 | 6.9 | 0.1 | 1.5 | 0.1 | 35.4 | 0.0 | 2.2 | 1.0 | H 0.2 | 437.5 | 666.1 | 889.0 | 1.555.1 |
| 2012 | 0.3 | 165.9 | 24.0 | 6.9 | 0.1 | 1.5 | 0.2 | 32.7 | 0.0 | 1.9 | 0.9 | R 0.3 | 454.2 | R 656.1 | 899.6 | R 1.555.7 |
| 2013 2014 | 0.2 0.2 | 178.1 191.2 | 19.7 18.6 | 7.5 8.0 | (s) 0.1 | 1.6 1.5 | 0.2 0.1 | 29.0 28.3 | 0.0 0.0 | 2.2 2.3 | 0.9 0.9 | 0.5 0.7 | 465.8 475.7 | 676.8 699.5 | 933.1 940.7 | 1,609.9 1,640.2 |
| 2014 | 0.2 | 182.1 | 16.7 | 8.6 | (s) | 26.0 | 0.0 | 20.3 51.4 | 0.0 | 2.3 1.0 | 0.9 | 0.7 | 475.7 465.1 | 701.8 | R 888.1 | R 1.589.9 |
| 2016 | 0.0 | 169.2 | 18.8 | 7.1 | (s) 0.1 | 25.7 | (s) 0.0 | 51.6 | 0.0 | 0.9 | 0.9 | 1.3 | 474.6 | 699.0 | R 888.1 R 909.8 | R 1,589.9 R 1,608.8 |
| 2017 2018 | 0.0 0.0 | 169.5 220.2 | 14.8 11.5 | 6.6 9.5 | (s) (s) | 25.4 25.6 | 0.0 0.0 | 46.8 46.7 | (s) | 0.8 0.8 | 0.9 0.9 | 1.2 1.7 | 469.1 489.7 | 688.6 760.5 | R 912.2 R 898.4 | R 1,600.8 R 1,658.8 |
| 2019 | 0.0 | 203.2 | 13.8 | 9.7 | (s) | 25.9 | 0.0 | 49.4 | (s) | 0.5 | 0.9 | 2.2 | 484.5 | 741.2 | H 886.7 | H 1 627 9 |
| 2020 | 0.0 | R 176.6 | 10.2 | 17.4 | 0.1 | 26.0 | 0.4 | 54.0 | (s) | 0.3 | 0.9 | 2.8 | 495.3 | R 730.4 | R 901.1 | H 1,631.5 |
| 2021 | 0.0 | 185.3 | 15.9 | 21.1 | (s) | 26.2 | 0.0 | 63.3 | (s) | 0.4 | 0.9 | 3.5 | 504.4 | 758.2 | 924.3 | 1,682.5 |

^a Includes supplemental gaseous fuels that are commingled with natural gas.

other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by commercial utility-scale facilities.

Hydrocarbon gas liquids, assumed to be propane only.

Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.

d Includes small amounts of petroleum coke not shown separately.

^e Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately

identified.

f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources

beginning in 1989.

9 Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

h Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the

Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the

k Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

—— = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2021, Texas

| Coal Mount Distillation Coal Mount Coal Mount Coal Mount Coal Co | | | | | | Petro | leum | | | Usadas | Bior | nass | | | | | | |
|--|--------------|----------------|--------------------|------------------|--------------------|----------------|----------------|--------------------|----------------------|-------------|--------------|--------------|----------|----------------------|--------------------------|------------------------|----------------|--------------------|
| Thousand Barrols Thousand Ba | | Coal | | | HGL ^b | | | Other ^d | Total | | | Lossos | | Solar ^{f,i} | Electricity ^j | | | |
| 1970 | Year | | | | | Thousand | d Barrels | | | | | and Co- | | | | End Use f,k | Energy | Total f,k |
| 1900 | 1960 | 1,031 | 2,029 | 10,118 | 59,411 | 3,798 | 4,615 | 66,692 | 144,635 | | | | | | 14,602 | | | |
| 1998 5 120 2 120 16 15 30 16 16 30 16 30 16 30 16 3 | 1965 | 1,136 | 2,098 | 8,519 | | 2,563 | 1,879 | 106,935 | 209,061 | | | | | | 23,685 | | | |
| 1986 4 265 2 188 19.400 410.810 3.844 2.459 23.088 672.241 0 0 (0) 80.088 (0) 20.000 4.439 2.318 2.181 20.885 418.372 5.500 2.241 0 0 (0) 80.088 (0) 8 | 1975 | 3,720 | 2,160 | 15,301 | 143,075 | 997 | 11,070 | 164,810 | 335,253 | 5 | | | | NA | 54,712 | | | |
| 1986 4 265 2 188 19.400 410.810 3.844 2.459 23.088 672.241 0 0 (0) 80.088 (0) 20.000 4.439 2.318 2.181 20.885 418.372 5.500 2.241 0 0 (0) 80.088 (0) 8 | 1980 | 3,250 5 192 | 2,163 | 20,250 | 208,898 | | 16,029 | 287,243 | 532,890 | • | | | | | 78,190 81 235 | | | |
| 1986 4 265 2 188 19.400 410.810 3.844 2.459 23.088 672.241 0 0 (0) 80.088 (0) 20.000 4.439 2.318 2.181 20.885 418.372 5.500 2.241 0 0 (0) 80.088 (0) 8 | 1990 | 4,157 | 2,105 | 17,592 | 318,417 | 4,336 | 1,273 | 237,434 | 579,052 | ő | | | | (s) | 84,087 | | | |
| 2001 4.439 2.316 20.985 418.173 4.632 519 248.577 695.761 0 (b) 69.208 (c) 69.208 | 1995 | 4,255 | 2,188 | 19,960 | 410,810 | 3,944 | 2,459 | 235,068 | 672,241 | | | | | | 90,093 | | | |
| 2008 4.132 2.134 116.897 452.845 5.244 1.408 266.558 746.616 0 | 2001 | 4,439 | 2,316 | 20,895 | 418,137 | 4,632 | 519 | 248,577 | 692,761 | 0 | | | | | 98,208 | | | |
| 2004 4,148 2,083 18,873 476,031 6,023 1,077 28,8168 788,171 0 (a) 100,588 (b) 100,588 (c) 100,588 (d) 100,588 | 2002 | 4,047 | 2,246 | 19,710 | 443,752 | 5,005 | 796 | 253,682 | 722,946 | | | | | | 102,251 | | | |
| 2005 4,082 1,629 20,031 438,084 5,766 3,537 273,886 740,083 0 (a) 96,841 2007 4,082 102 2024 457,881 6,080 3,527 273,886 740,083 0 0 106,686 0 106,686 1 | 2003 | | 2,134 | 16,873 | 452,845 | 6,023 | 1,408 | 288,168 | 745,616 | • | | | | | 104,547 | | | |
| 2007 1,868 1,612 2,2582 4,75680 4,589 3,120 238,494 724,4752 0 0 108,300 0 108,300 0 108,300 0 108,300 0 108,301 | 2005 | | 1,628 | 20,031 | 436,864 | 5,766 | 3,537 | 273,886 | 740,083 | - J | | | | | 96,841 | | | |
| 2008 | 2006 2007 | 4,102 1.868 | 1,591 1.612 | 20,274 22,582 | 437,961 457,680 | 6,096 4,580 | 3,923 3.121 | 277,372 236,494 | 745,627 724,457 | 0 | | | | 0 | 104,689 108.300 | | | |
| 2010 952 17.43 22.336 | 2008 | 1,806 | 1,653 | 26,483 | 361,353 | 3,867 | 3,620 | 194,458 | 589,782 | • | | | | • | 105,868 | | | |
| 2011 956 1,781 30,405 H 451,003 6,003 4,548 199,289 R 691,340 0 0 102,129 0 103,151 197 | | 833 952 | 1,537 | | 8 453 389 | 3,802 5,750 | 3,408 | | 589,113 R 684 820 | · · | | | | | 96,931 99,754 | | | |
| 2013 1.002 1.934 32.751 8.52,956 6.098 1.626 216.011 7.66,042 0 0 101.968 0 101.968 1.206 1.20 | 2011 | 956 | 1,781 | 30,405 | H 451.063 | 6,035 | 4,548 | 199,289 | ⁿ 691.340 | ő | | | | Ö | 102,129 | | | |
| 2014 1,296 1,988 39,585 8,489,087 4,489 1,860 197,550 8,741,571 0 0 110,165 0 2015 951 2,023 2,748 8,546,267 3,682 1,242 19,375 8,779,107 0 0 0 110,182 | 2012 | 947 | 1,875 | 34,173 | R 484,506 | 5,600 | 2,162 | 201,380 | R 727,821 | Ÿ | == | == | == | 0 | 94,517 | == | == | == |
| 2016 673 2.067 29.924 8 557.057 3.663 2.008 20.0 | 2014 | 1,296 | 1,988 | 39,585 | R 498,087 | 4,489 | 1,860 | 197,550 | R 741,571 | U | | | | | 109,165 | | | == |
| 2017 630 2.090 30.594 677.543 3.708 2.516 P.209.681 824.085 0 (e) 119.70 (f) 119.70 (e) 120.70 | | 951 | 2,023 | 27,448 | H 546,264 | 3,682 | 1,242 | 199,375 | H 778,012 | | | | | | | | | |
| 2018 | 2017 | 630 | 2,090 | 30,594 | H 577.543 | 3,703 | 2.516 | R 209.681 | R 824,036 | • | | | | | 119,970 | | | == |
| 2020 286 2,301 23,754 6689,358 3,828 1,583 8196,007 8923,531 0 4 125,107 3 132,530 3 132,530 3 132,530 3 132,530 3 132,530 3 132,530 3 132,530 3 132,530 3 132,530 3 132,530 3 132,530 3 132,530 3 132,530 3 132,530 3 132,530 3 132,530 3 132,530 3 132,530 3 132,530 | 2018 | 530 | 2,267 | 33,999 | R 686,551 | 3,786 | 2,347 | R 209,974 | R 936,658 | | | | | 1 | 123,439 | | | |
| Trillion Btu | 2020 | 296 | 2,301 | | R 698,358 | 3,828 | 1,583 | R 196,007 | R 923,531 | • | | | | | 125,107 | | | == |
| 1960 | 2021 | 258 | 2,391 | 30,529 | 765,503 | 3,784 | 2,336 | 197,462 | 999,615 | | | | | 3 | 132,530 | | | |
| 1965 29.0 2,175.3 49.6 337.5 13.5 11.8 630.4 1,042.9 0.0 30.7 NA NA NA NA 80.8 3,358.7 192.9 3,551.7 1970 30.7 2,626.3 52.1 465.2 7.4 14.4 857.1 1,396.2 0.0 44.6 NA NA NA NA 137.4 4,235.3 332.4 4,652.7 1975 77.7 2,224.0 89.1 513.5 5.2 69.6 959.6 1,637.1 0.1 47.2 NA NA NA NA 186.7 4,172.6 447.8 4,620.1 1980 63.3 2,229.7 118.0 766.4 2.5 100.8 1,662.3 2,649.9 0.0 41.6 NA NA NA NA 277.2 4,4376.5 644.8 4,620.1 1980 63.5 2,194.1 102.5 1,137.2 22.8 8.0 1,138.0 2,656.5 0.0 68.1 (s) NA NA NA 277.2 4,4376.5 634.8 5,011.1 1995 63.7 2,280.6 116.2 1,474.6 20.5 15.5 1,389.3 2,996.0 0.0 48.7 (s) NA NA NA NA 277.2 4,4376.5 634.8 5,011.1 1995 63.7 2,280.6 116.2 1,474.6 20.5 15.5 1,389.3 2,996.0 0.0 83.4 0.0 0.0 (s) 307.4 5,731.1 630.3 6,881.2 1,000 73.1 2,477.4 123.3 1,582.9 13.4 2.5 1,582.9 13.4 2.5 1,582.9 13.4 2.5 1,582.9 13.4 2.5 1,434.8 3,099.7 0.0 83.4 0.0 0.0 (s) 307.4 5,731.1 630.3 6,881.2 1,000 73.1 2,477.8 123.3 1,582.9 13.4 2.5 1,434.8 3,099.7 0.0 83.4 0.0 0.0 (s) 307.4 5,731.1 630.3 6,881.2 1,000 77.1 6,730.7 7.1 1,000 77.1 6,730.7 7.1 1,000 77.1 6,730.7 7.1 1,000 77.1 6,730.7 7.1 1,000 77.1 6,730.7 7.1 1,000 77.1 6,730.7 7.1 1,000 77.1 6,730.7 7.1 1,000 77.1 6,730.7 7.1 1,000 77.1 6,730.7 7.1 1,000 77.1 6,730.7 7.1 1,000 77.1 6,730.7 7.1 1,000 77.1 6,730.7 7.1 1,000 77.1 6,730.7 7.1 1,000 77.1 6,730.7 7.1 1,000 77.1 1,000 77.1 6,730.7 7.1 1,000 7 | | | | | | | | | | Trillion Bt | | | | | | | | |
| 1970 30.7 2,626.3 52.1 465.2 7.4 14.4 857.1 1,396.2 0.0 44.6 NA NA NA 137.4 4,255.3 332.4 4,567. 1980 63.3 2,229.7 118.0 766.4 2.5 100.8 1,662.3 2,649.9 0.0 41.6 NA NA NA NA 266.8 5,251.2 640.9 5,892. 1985 85.4 1,799.3 112.6 974.3 24.7 37.5 10.16.7 2,165.8 0.0 48.7 (s) NA NA NA 266.8 5,251.2 640.9 5,892. 1989 61.5 2,194.1 102.5 1,137.2 22.8 8.0 1,386.0 2,656.5 0.0 68.1 (s) 0.0 (s) 286.9 5,264.5 541.2 640.8 5,892. 1989 61.5 2,194.1 102.5 1,137.2 22.8 8.0 1,386.0 2,656.5 0.0 68.1 (s) 0.0 (s) 286.9 5,266.5 591.1 650.3 1,386.0 2,656.5 0.0 68.1 (s) 0.0 (s) 286.9 5,266.5 591.1 650.3 1,386.0 2,656.5 0.0 68.1 (s) 0.0 (s) 286.9 5,266.5 591.1 650.3 1,386.0 2,656.5 0.0 68.1 (s) 0.0 (s) 286.9 5,266.5 591.1 650.3 1,386.0 2,656.5 0.0 68.1 (s) 0.0 (s) 286.9 5,266.5 591.1 650.3 1,386.0 2,656.5 0.0 68.1 (s) 0.0 (s) 286.9 5,266.5 591.1 650.3 1,386.0 2,656.5 0.0 68.1 (s) 0.0 (s) 286.9 5,266.5 591.1 650.3 1,386.0 2,656.5 0.0 68.1 (s) 0.0 (s) 335.1 6,502.9 6,685.5 6,661.2 0.0 71.6 1,483.7 24.1 3.3 1,434.1 3,368.7 0.0 55.9 0.0 0.0 (s) 335.1 6,502.9 6,685.5 6,561.2 0.0 71.6 2,320.7 114.7 1,568.0 260.5 50.5 1,436.4 3,368.7 0.0 55.9 0.0 0.0 (s) 335.1 6,502.9 6,685.5 6,561.2 0.0 71.6 1,483.7 24.1 3.3 6.8 1,454.3 3,368.7 0.0 55.9 0.0 0.0 (s) 335.1 6,502.9 6,685.5 6,561.2 0.0 71.6 1,483.7 2.5 1,483.1 3,483.3 6,502.9 1,484.3 3,483.3 0.0 56.5 0.0 0.0 (s) 335.1 6,502.9 6,685.5 6,561.2 0.0 0.0 (s) 335.1 6,502.9 6,585.5 6,561.2 0.0 0.0 (s) 335.1 6,502.9 6,568.5 6,561.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | 1960 | 24.4 | 2,100.3 | 58.9 | 224.8 | 19.9 | 29.0 | 401.8 | 734.5 | | 23.9 | NA | NA | NA | 49.8 | 2,933.0 | 123.2 | 3,056.2 |
| 1975 77.7 2,224.0 89.1 513.5 5.2 69.6 959.6 1,637.1 0.1 47.2 NA NA NA 186.7 4,172.6 447.8 4,620.1 1980 63.3 2,229.7 118.0 766.4 2.5 100.8 1,662.3 2,649.9 0.0 41.6 NA NA NA NA 186.8 5,251.2 640.9 5,892.1 1985 85.4 1,799.3 112.6 974.3 24.7 37.5 1,016.7 2,165.8 0.0 48.7 (s) NA | 1970 | | 2,175.3 | 49.6 52.1 | | 7.4 | | | | | | | | NA NA | | | 332.4 | 4,567.7 |
| 1995 85.4 1,799.3 112.6 974.3 24.7 37.5 1,016.7 2,165.8 0.0 48.7 (s) NA NA 277.2 4,376.5 634.8 5,011.1 1990 61.5 2,194.1 10.25 1,137.2 22.8 8.0 1,386.0 2,656.5 0.0 68.1 (s) 0.0 (s) 286.9 5,266.5 591.1 5,857.1 1995 63.7 2,280.6 116.2 1,474.6 20.5 15.5 1,369.3 2,996.0 0.0 83.4 0.0 0.0 (s) 307.4 5,731.1 630.3 6,361.2 1,000 73.1 2,477.4 123.3 1,582.9 13.4 2.5 1,437.8 3,159.9 0.0 68.0 0.0 0.0 (s) 346.6 6,125.0 708.9 6,833.2 0.0 75.5 2,370.5 121.6 1,483.7 24.1 3.3 1,434.1 3,066.7 0.0 55.9 0.0 0.0 (s) 335.1 5,902.9 658.5 6,561.2 0.0 71.6 2,320.7 114.7 1,568.0 26.0 5.0 1,454.3 3,168.1 0.0 65.0 0.0 0.0 (s) 335.1 5,902.9 658.5 6,561.2 0.0 71.6 2,320.7 114.7 1,568.0 26.0 5.0 1,454.3 3,168.1 0.0 65.0 0.0 0.0 (s) 335.1 5,902.9 658.5 6,561.2 0.0 71.5 1.0 0.0 0.0 (s) 348.9 5,974.2 707.8 6,682.2 0.0 7.5 2,195.6 114.0 1,606.3 27.3 8.9 1,527.6 3,283.9 0.0 60.1 0.0 0.0 (s) 335.7 5,968.9 689.1 6,667.2 0.0 7.0 0.0 0.0 (s) 348.9 5,974.2 707.8 6,682.2 0.0 0.0 0.0 0.0 (s) 348.9 0.0 0.0 0.0 (s) 348.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | 1975 | 77.7 | 2,224.0 | 89.1 | 513.5 | 5.2 | | 959.6 | 1.637.1 | | | | NA | NA | 186.7 | 4,172.6 | 447.8 | 4,620.4 |
| 1990 61.5 2,194.1 102.5 1,137.2 22.8 8.0 1,386.0 2,656.5 0.0 68.1 (s) 0.0 (s) 286.9 5,266.5 591.1 5,587.1 1995 63.7 2,280.6 116.2 1,474.6 20.5 15.5 1,369.3 2,996.0 0.0 83.4 0.0 0.0 0.0 (s) 307.4 5,731.1 630.3 6,361.2 1,437.8 3,159.9 0.0 68.0 0.0 0.0 0.0 (s) 346.6 6,125.0 708.9 6,833.2 1,437.8 3,159.9 0.0 68.0 0.0 0.0 0.0 (s) 346.6 6,125.0 708.9 6,833.2 1,437.8 3,144.1 3,066.7 0.0 55.9 0.0 0.0 0.0 (s) 346.6 5,125.0 708.9 6,833.2 1,437.8 3,144.1 3,106.7 0.0 55.9 0.0 0.0 0.0 (s) 346.6 5,125.0 708.9 6,833.2 1,437.8 3,168.1 0.0 65.0 0.0 0.0 0.0 (s) 346.6 5,125.0 708.9 6,833.2 1,437.8 3,168.1 0.0 65.0 0.0 0.0 0.0 (s) 346.6 5,125.0 708.9 6,833.2 1,437.8 3,168.1 0.0 65.0 0.0 0.0 0.0 (s) 346.9 5,984.2 707.8 6,882.2 1,681.1 31.3 6.8 1,645.9 3,483.3 0.0 65.0 0.0 0.0 0.0 (s) 346.9 5,984.9 6,891.1 6,657.2 1,447.1 1,568.0 2.6 0.0 0.0 0.0 (s) 346.9 5,984.9 2,984.9 1,447.1 1,568.0 2.0 0.0 0.0 0.0 (s) 346.9 5,984.9 2,984. | 1980 1985 | 63.3 85.4 | 2,229.7 1.799.3 | | | 2.5 | 100.8 37.5 | 1,662.3 | 2,649.9 | | 41.6 48.7 | | NA NA | NA NA | | 5,251.2 4.376.5 | 640.9 634.8 | 5,892.1 5.011.3 |
| 2000 73.1 2,477.4 123.3 1,582.9 13.4 2.5 1,437.8 3,159.9 0.0 68.0 0.0 0.0 (s) 346.6 6,125.0 708.9 6,833.2 2001 75.5 2,370.5 121.6 1,483.7 24.1 3.3 1,434.1 3,066.7 0.0 55.9 0.0 0.0 (s) 335.1 5,902.9 688.5 6,561.2 2002 71.6 2,320.7 114.7 1,588.0 26.0 5.0 1,454.3 3,166.1 0.0 65.0 0.0 0.0 (s) 348.9 5,974.2 707.8 6,882.2 203 72.5 2,195.6 114.0 1,606.3 27.3 8.9 1,527.6 3,283.9 0.0 60.1 0.0 0.0 (s) 348.9 5,974.2 707.8 6,882.2 2004 70.9 2,157.5 98.2 1,881.1 31.3 6.8 1,645.9 3,463.3 0.0 56.5 0.0 0.0 (s) 343.2 6,091.5 651.2 6,742.2 2005 70.1 16.73.6 116.5 1,541.1 29.9 2.2 1,588.4 3,278.2 0.0 55.8 (s) 0.0 (s) 343.2 6,091.5 651.2 6,742.2 2006 70.9 1,632.3 117.7 1,527.9 31.6 24.7 1,594.4 3,296.2 0.0 55.8 (s) 0.0 (s) 343.2 6,091.5 262.6 6,034.7 2007 40.4 1,654.3 130.6 1,592.4 23.5 19.6 1,380.8 1,27.0 0.0 55.6 (s) 0.0 0.0 357.2 5,412.2 674.4 6,086.1 2008 39.0 1,666.3 130.6 1,592.4 23.5 19.6 1,380.8 1,27.0 0.0 55.8 (s) 0.0 0.0 361.2 4,746.5 756.7 5,000.2 2009 17.1 1,574.6 114.3 1,274.2 19.4 21.4 1,071.8 2,567.2 0.0 71.5 10.6 0.0 0.0 361.2 4,746.5 756.7 5,000.2 2011 19.5 1,831.2 175.4 1,473.4 30.6 28.6 1,142.9 2,854.4 0.0 65.0 11.5 0.0 0.0 30.3 30.7 4,478.1 663.3 5,161.4 20.0 13.8 1,800.5 129.0 1,527.7 29.1 20.6 1,147.9 2,854.4 0.0 65.0 11.5 0.0 0.0 340.4 5,085.5 690.3 5,161.2 19.8 1,928.3 197.1 1,473.4 30.6 28.6 1,142.9 2,854.4 0.0 65.0 11.5 0.0 0.0 340.4 5,085.5 690.3 5,161.2 19.8 1,928.3 197.1 1,473.4 30.6 28.6 1,142.2 2,850.2 0.0 69.9 13.2 0.0 0.0 342.5 5,367.9 638.8 6,000.2 19.8 1,229.2 1,184.8 30.9 10.2 1,239.0 83.556.0 0 71.0 11.5 0.0 0.0 342.5 5,367.9 638.8 6,000.2 19.8 1,229.2 1,144.1 18.7 18.8 1,152.4 1,139.5 1,250.5 10.0 66.7 18.7 0.0 0.0 342.5 5,367.9 638.8 6,000.2 10.3 10.3 10.6 1,144.1 18.7 18.8 1,152.4 1,159.5 10.0 10.0 10.0 342.5 5,367.9 638.8 6,000.2 10.3 10.8 1,129.2 11.8 1,166.2 2.2 7 11.7 1,139.5 1,300.5 0.0 66.7 18.7 0.0 0.0 342.5 5,367.9 638.8 6,000.2 10.3 10.8 1,129.2 11.8 1,166.2 2.2 7 11.7 1,139.5 1,300.5 0.0 66.7 18.7 0.0 0.0 342.5 5,367.9 638.8 6,000.2 10.3 10.8 1,120.2 11.2 11.4 1,141.1 18.7 15.8 1,1 | 1990 | 61.5 | 2,194.1 | 102.5 | 1,137.2 | 22.8 | 8.0 | 1,386.0 | 2,656.5 | 0.0 | 68.1 | (s) | 0.0 | (s) | 286.9 | 5,266.5 | 591.1 | 5,857.6 |
| 2001 75.5 2.370.5 121.6 1.483.7 24.1 3.3 1.434.1 3.066.7 0.0 55.9 0.0 0.0 (s) 335.1 5.902.9 658.5 6.561.2 (2002) 71.6 2.320.7 114.7 1.568.0 26.0 5.0 1.454.3 3.168.1 0.0 65.0 0.0 0.0 (s) 335.1 5.902.9 658.5 6.561.2 (2003) 72.5 2.195.6 114.0 1.606.3 27.3 8.9 1.527.6 3.283.9 0.0 60.1 0.0 0.0 (s) 356.7 5.968.9 689.1 6.657.2 (2004) 70.9 2.157.5 98.2 1.681.1 31.3 6.8 1.645.9 3.463.3 0.0 56.5 0.0 0.0 0.0 (s) 336.7 5.968.9 689.1 6.657.2 (2004) 70.9 2.157.5 98.2 1.681.1 29.9 22.2 1.568.4 3.278.2 0.0 55.8 (s) 0.0 0.0 (s) 330.4 5.408.1 626.6 6.034.2 (2006) 70.1 1.673.6 116.5 1.541.1 29.9 22.2 1.568.4 3.278.2 0.0 55.8 (s) 0.0 0.0 (s) 330.4 5.408.1 626.6 6.034.2 (2007) 40.4 1.654.3 130.6 1.592.4 23.5 19.6 1.360.8 3.127.0 0.0 58.9 0.1 0.0 0.0 369.5 5.250.2 756.7 (2008) 39.0 1.696.9 153.1 1.252.8 19.7 22.8 1.118.9 2.567.2 0.0 71.5 10.6 0.0 0.0 369.5 5.250.2 756.7 (2009) 17.1 1.574.6 114.3 1.274.2 19.4 21.4 1.071.8 2.501.1 0.0 45.3 9.3 0.0 0.0 330.7 4.478.1 683.3 (2011) 19.5 1.831.2 175.4 1.473.4 30.6 28.6 1.142.2 2.850.2 0.0 65.0 11.5 0.0 0.0 340.4 5.085.5 690.3 5.775.1 19.6 1.98 1.982.3 197.1 1.615.6 28.3 13.6 1.142.2 2.850.2 0.0 69.9 13.2 0.0 0.0 340.4 5.085.5 690.3 5.775.2 19.8 1.98 1.98 1.983.1 19.8 1.887.8 1.754.4 1.473.4 30.6 28.6 1.142.2 2.850.2 0.0 69.9 13.2 0.0 0.0 340.4 5.085.5 690.3 5.775.2 19.8 1.98 1.98 1.98 1.98 1.98 1.98 1.98 | | | | | | | 15.5 | | | | | | | (S) | | | | |
| 2003 72.5 2,195.6 114.0 1,606.3 27.3 8.9 1,527.6 3,283.9 0.0 60.1 0.0 0.0 (s) 356.7 5,968.9 689.1 6,685.1 2,674.2 2004 70.9 2,157.5 98.2 1,681.1 31.3 6.8 1,645.9 3,468.3 0.0 56.5 0.0 0.0 (s) 343.2 6,091.5 651.2 6,742.2 2005 70.1 1,673.6 116.5 1,541.1 29.9 22.2 1,568.4 3,278.2 0.0 55.8 (s) 0.0 (s) 330.4 5,408.1 626.6 6,034.4 2006 70.9 1,632.3 117.7 1,527.9 31.6 24.7 1,594.4 3,296.2 0.0 55.6 (s) 0.0 0.0 357.2 5,412.2 674.4 6,086.4 2007 40.4 1,654.3 130.6 1,592.4 23.5 19.6 1,360.8 3,127.0 0.0 55.8 (s) 0.0 0.0 0.0 357.2 5,412.2 674.4 6,086.2 2007 40.4 1,654.3 130.6 1,592.4 23.5 19.6 1,360.8 3,127.0 0.0 55.9 0.1 0.0 0.0 0.0 369.5 5,250.2 674.4 6,086.2 2008 39.0 1,696.9 153.1 1,252.8 19.7 22.8 1,118.9 2,567.2 0.0 71.5 10.6 0.0 0.0 361.2 4,746.5 744.9 5,491.4 20.9 17.1 1,574.6 114.3 1,274.2 19.4 21.4 1,071.8 2,551.1 0.0 45.3 9.3 0.0 0.0 330.7 4,478.1 683.3 5,161.4 2010 13.8 1,800.5 129.0 1,527.7 29.1 20.6 1,147.9 2,854.4 0.0 65.0 11.5 0.0 0.0 340.4 5,085.5 690.3 5,775.2 2011 19.5 1,831.2 175.4 1,473.4 30.6 28.6 1,142.2 2,850.2 0.0 69.9 13.2 0.0 0.0 340.4 5,085.5 690.3 5,775.2 2012 19.8 1,928.3 197.1 1,615.6 28.3 13.6 1,158.4 8,3013.0 0.0 68.7 15.4 0.0 0.0 322.5 5,367.9 638.8 6,000.4 27.5 2,055.9 228.1 8,660.2 22.7 11.7 1,139.5 8,3062.3 0.0 68.0 16.6 0.0 0.0 372.5 8,5602.8 697.0 8,6383.2 2015 20.4 2,094.8 158.2 8,1853.6 18.6 7.8 1,152.2 8,3190.5 0.0 66.7 18.7 0.0 0.0 372.5 8,5602.8 736.5 8,639.2 736.5 8,3062.3 0.0 68.0 16.6 0.0 0.0 372.5 8,5602.8 736.5 8,639.2 12.5 8,3002.3 0.0 68.0 16.6 0.0 0.0 372.5 8,5602.8 736.5 8,639.2 12.5 8,3002.3 0.0 68.0 16.6 0.0 0.0 372.5 8,5602.8 736.5 8,639.2 12.5 8,3002.3 0.0 68.0 16.6 0.0 0.0 372.5 8,5602.8 736.5 8,639.2 12.5 8,3002.3 0.0 68.0 16.6 0.0 0.0 372.5 8,5602.8 736.5 8,639.2 12.5 8,3002.3 0.0 68.0 16.6 0.0 0.0 372.5 8,5602.8 736.5 8,639.2 12.5 8,3002.3 0.0 68.0 16.6 0.0 0.0 372.5 8,5602.8 736.5 8,639.2 12.5 8,3002.3 0.0 68.0 16.6 0.0 0.0 372.5 8,5602.8 736.5 8,5602.8 736.5 8,5602.8 736.5 8,5602.8 736.5 8,5602.8 736.5 8,5602.8 736.5 8,5602.8 736.5 8,5602.8 736.5 8,5602.8 736.5 8, | 2001 | 75.5 | 2,370.5 | 121.6 | 1,483.7 | 24.1 | 3.3 | 1,434.1 | 3,066.7 | 0.0 | 55.9 | 0.0 | 0.0 | (s) | 335.1 | 5,902.9 | 658.5 | 6,561.4 |
| 2004 70.9 2,157.5 98.2 1,681.1 31.3 6.8 1,645.9 3,463.3 0.0 56.5 0.0 0.0 (s) 343.2 6,091.5 651.2 6,742.2 20.5 70.1 1,673.6 116.5 1,541.1 29.9 22.2 1,568.4 3,278.2 0.0 55.8 (s) 0.0 (s) 330.4 5,408.1 66.6 6,034.1 2006 70.9 1,632.3 117.7 1,527.9 31.6 24.7 1,594.4 3,296.2 0.0 55.8 (s) 0.0 0.0 357.2 5,412.2 674.4 6,086.4 20.7 40.4 1,654.3 130.6 1,592.4 23.5 19.6 1,360.8 3,127.0 0.0 58.9 0.1 0.0 0.0 369.5 5,250.2 756.7 6,006.1 20.0 20.0 20.0 1,696.9 153.1 1,252.8 19.7 22.8 1,118.9 2,567.2 0.0 71.5 10.6 0.0 0.0 361.2 4,746.5 744.9 5,491.2 20.0 1.574.6 114.3 1,274.2 19.4 21.4 1,071.8 2,501.1 0.0 45.3 9.3 0.0 0.0 330.7 4,478.1 683.3 5,161.2 20.0 13.8 1,800.5 12.9 0 1,527.7 29.1 20.6 1,147.9 2,854.4 0.0 65.0 11.5 0.0 0.0 340.4 5,085.5 690.3 5,755.1 20.1 19.5 1,831.2 175.4 1,473.4 30.6 28.6 1,142.2 2,850.2 0.0 69.9 13.2 0.0 0.0 346.5 5,132.4 708.1 5,840.2 20.1 19.8 1,928.3 197.1 1,615.6 28.3 13.6 1,158.4 8,013.0 0.0 68.7 15.4 0.0 0.0 347.9 F\$,686.8 F\$,006.1 2,189.1 1,880.2 12.1 1,880.2 12.1 1,880.2 12.1 1,880.2 12.1 1,880.2 12.1 1,880.2 12.1 1,880.2 12.1 1,880.2 12.1 1,880.2 12.1 1,880.2 12.1 1,880.2 12.1 1,880.2 12.1 1,880.2 12.1 1,880.2 12.1 1,880.2 12.1 1,880.2 12.1 1,880.2 12.1 1,880.2 12.1 1,880.2 12.1 1,880.2 13.1 1,880.2 12. | | | | | 1,568.0 | | | 1,454.3 | | | | | | | | 5,974.2 | | |
| 2006 70.9 1.632.3 117.7 1.527.9 31.6 24.7 1.594.4 3.296.2 0.0 55.6 (s) 0.0 0.0 357.2 5.412.2 674.4 6.086.6 2007 40.4 1.654.3 130.6 1.592.4 23.5 19.6 1.360.8 3127.0 0.0 58.9 0.1 0.0 0.0 369.5 5.250.2 76.7 6.006.5 2008 39.0 1.696.9 153.1 1.252.8 19.7 22.8 1.118.9 2.567.2 0.0 71.5 10.6 0.0 0.0 369.5 5.250.2 76.7 6.006.5 2009 17.1 1.574.6 114.3 1.274.2 19.4 21.4 1.071.8 2.501.1 0.0 45.3 9.3 0.0 0.0 330.7 4.478.1 683.3 5.161.4 2010 13.8 1.800.5 129.0 1.527.7 29.1 20.6 1.147.9 2.854.4 0.0 65.0 11.5 0.0 0.0 340.4 5.085.5 690.3 5.775.2 2011 19.5 1.831.2 175.4 1.473.4 30.6 28.6 1.142.2 2.850.2 0.0 69.9 13.2 0.0 0.0 340.4 5.085.5 690.3 5.785.2 2012 19.8 1.824.3 197.1 1.615.6 28.3 13.6 1.158.4 8.3013.0 0.0 68.7 15.4 0.0 0.0 322.5 5.367.9 608.8 8.6 0.0 2013 21.6 1.981.1 188.7 81.764.8 30.9 10.2 1.239.0 8.3253.6 0.0 71.0 11.5 0.0 0.0 347.9 8.686.8 697.0 8.88 8.0 0.0 2014 27.5 2.055.9 228.1 81.860.2 22.7 11.7 1.139.5 8.3062.3 0.0 68.0 16.6 0.0 0.0 372.5 8.686.8 697.0 8.389.2 2015 20.4 2.094.8 158.2 81.853.6 18.6 7.8 1.152.2 8.3190.5 0.0 66.7 18.7 0.0 0.0 372.5 8.500.8 97.567.0 87.74 9.78 8.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9 | 2004 | 70.9 | 2,157.5 | 98.2 | 1,681.1 | 31.3 | 6.8 | 1,645.9 | 3,463.3 | 0.0 | 56.5 | 0.0 | 0.0 | (s) | 343.2 | 6,091.5 | 651.2 | 6,742.7 |
| 2008 39.0 1,696.9 153.1 1,252.8 19.7 22.8 1,118.9 2,567.2 0.0 71.5 10.6 0.0 0.0 361.2 4,746.5 744.9 5,491.4 20.9 17.1 1,574.6 114.3 1,274.2 19.4 21.4 1,071.8 2,501.1 0.0 45.3 9.3 0.0 0.0 30.0 30.7 4,478.1 683.3 5,161.4 2010 13.8 1,800.5 129.0 1,527.7 29.1 20.6 1,147.9 2,854.4 0.0 65.0 11.5 0.0 0.0 340.4 5,085.5 690.3 5,775.2 10.1 19.5 1,831.2 175.4 1,473.4 30.6 28.6 1,142.2 2,850.2 0.0 69.9 13.2 0.0 0.0 348.5 5,132.4 708.1 5,840.2 2012 19.8 1,928.3 197.1 1,615.6 28.3 13.6 1,158.4 8,3013.0 0.0 68.7 15.4 0.0 0.0 322.5 5,367.9 638.8 6,000.4 2013 21.6 1,981.1 1,887.7 81,784.8 30.9 10.2 1,239.0 83,253.6 0.0 71.0 11.5 0.0 0.0 322.5 5,367.9 638.8 6,000.4 2014 27.5 2,055.9 228.1 81,660.2 22.7 11.7 1,139.5 83,062.3 0.0 68.0 16.6 0.0 0.0 372.5 8,602.8 736.5 8,392.2 0.0 68.0 16.6 0.0 0.0 372.5 8,602.8 736.5 8,392.2 0.0 15.2 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2 | 2005 | 70.1 | 1,673.6 | | 1,541.1 | | | | | | | (s) | | (s) | | | | |
| 2008 39.0 1,696.9 153.1 1,252.8 19.7 22.8 1,118.9 2,567.2 0.0 71.5 10.6 0.0 0.0 361.2 4,746.5 744.9 5,491.4 20.9 17.1 1,574.6 114.3 1,274.2 19.4 21.4 1,071.8 2,501.1 0.0 45.3 9.3 0.0 0.0 30.0 30.7 4,478.1 683.3 5,161.4 2010 13.8 1,800.5 129.0 1,527.7 29.1 20.6 1,147.9 2,854.4 0.0 65.0 11.5 0.0 0.0 340.4 5,085.5 690.3 5,775.2 10.1 19.5 1,831.2 175.4 1,473.4 30.6 28.6 1,142.2 2,850.2 0.0 69.9 13.2 0.0 0.0 348.5 5,132.4 708.1 5,840.2 2012 19.8 1,928.3 197.1 1,615.6 28.3 13.6 1,158.4 8,3013.0 0.0 68.7 15.4 0.0 0.0 322.5 5,367.9 638.8 6,000.4 2013 21.6 1,981.1 1,887.7 81,784.8 30.9 10.2 1,239.0 83,253.6 0.0 71.0 11.5 0.0 0.0 322.5 5,367.9 638.8 6,000.4 2014 27.5 2,055.9 228.1 81,660.2 22.7 11.7 1,139.5 83,062.3 0.0 68.0 16.6 0.0 0.0 372.5 8,602.8 736.5 8,392.2 0.0 68.0 16.6 0.0 0.0 372.5 8,602.8 736.5 8,392.2 0.0 15.2 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2 | 2007 | 40.4 | 1,654.3 | | 1,592.4 | 23.5 | 19.6 | 1,360.8 | 3,127.0 | | 58.9 | 0.1 | | 0.0 | 369.5 | 5,250.2 | | 6,006.9 |
| 2010 13.8 1,800.5 129.0 1,527.7 29.1 20.6 1,147.9 2,854.4 0.0 65.0 11.5 0.0 0.0 340.4 5,085.5 690.3 5,775.2 10.5 19.5 1,831.2 175.4 1,473.4 30.6 28.6 1,142.2 2,850.2 0.0 69.9 13.2 0.0 0.0 348.5 5,132.4 708.1 5,840.1 10.5 19.8 1,928.3 197.1 1,615.6 28.3 13.6 1,158.4 3,013.0 0.0 68.7 15.4 0.0 0.0 322.5 5,367.9 638.8 6,006.1 2013 21.6 1,981.1 188.7 78,1784.8 30.9 10.2 1,239.0 8,3253.6 0.0 71.0 11.5 0.0 0.0 322.5 5,367.9 638.8 6,006.1 2014 27.5 2,055.9 228.1 1,660.2 22.7 11.7 1,139.5 8,3062.3 0.0 68.0 16.6 0.0 0.0 372.5 8,5602.8 2015 20.4 2,094.8 158.2 1,853.6 18.6 7.8 1,152.2 8,3190.5 0.0 66.7 18.7 0.0 0.0 375.9 8,5602.8 2016 13.8 2,129.2 172.3 1,861.2 18.5 12.6 1,205.8 8,3270.3 0.0 69.0 19.3 0.0 0.0 386.9 8,588.5 8,741.7 6,630.2 2017 12.5 2,149.1 176.1 1,914.1 18.7 15.8 1,233.9 3,358.1 0.0 70.6 19.6 0.0 (s) 409.3 6,019.3 6,019.3 7,760.9 7,264.8 2019 9.9 2,349.2 185.2 8,232.7 19.1 12.3 1,428.8 8,782.2 0.0 71.3 16.2 0.0 (s) 449.3 9,6678.2 9,678.2 9,726.6 7,268.8 2020 6.1 2,354.9 136.7 8,292.7 19.3 10.0 1,140.0 8,169.7 0.0 72.4 12.6 0.0 (s) 449.3 9,6492.0 9,766.6 7,268.4 2020 6.1 2,354.9 136.7 8,292.7 19.3 10.0 1,161.0 8,369.7 0.0 72.4 12.6 0.0 (s) 449.3 9,6492.0 9,766.8 7,268.4 2020 6.1 2,354.9 136.7 8,292.7 19.3 10.0 1,161.0 8,369.7 0.0 72.4 12.6 0.0 (s) 449.3 9,6492.0 9,766.8 7,268.4 2020 6.1 2,354.9 136.7 8,292.7 19.3 10.0 1,161.0 8,369.7 0.0 72.4 12.6 0.0 (s) 449.3 9,6492.0 9,766.8 7,268.4 2020 6.1 2,354.9 136.7 8,292.7 19.3 10.0 1,161.0 | 2008 | | | | 1,252.8 | | | | 2,567.2 | | | | | | | | | 5,491.4 |
| 2011 19.5 1,831.2 175.4 1,473.4 30.6 28.6 1,142.2 2,850.2 0.0 69.9 13.2 0.0 0.0 348.5 5,132.4 708.1 5,840.2 19.8 1,928.3 197.1 1,615.6 28.3 13.6 1,158.4 \$\bar{1},3013.0 \) 0.0 68.7 15.4 0.0 0.0 322.5 5,367.9 68.8 \$\bar{1},6006.2 \) 2013 21.6 1,981.1 188.7 \$\bar{1},784.8 30.9 10.2 1,239.0 \$\bar{1},325.6 0.0 71.0 11.5 0.0 0.0 347.9 \$\bar{1},5686.8 697.0 \$\bar{1},6383.1 \\ 2014 27.5 2,055.9 228.1 \$\bar{1},660.2 22.7 11.7 1,395.5 \$\bar{1},3062.3 0.0 68.0 16.6 0.0 0.0 372.5 \$\bar{1},5602.8 \\ 2015 20.4 2,094.8 158.2 \$\bar{1},853.6 18.6 7.8 1,152.2 \$\bar{1},319.5 0.0 66.7 18.7 0.0 0.0 375.9 \$\bar{1},5767.0 \$\bar{1},717.8 \$\bar{1},6484.2 \\ 2016 13.8 2,129.2 172.3 \$\bar{1},861.2 18.5 12.6 1,205.8 \$\bar{1},205.8 \$\bar{1},207.3 \\ 2017 12.5 2,149.1 176.1 \$\bar{1},914.1 18.7 \\ 1,914.1 18.7 15.8 \$\bar{1},233.9 3,715.2 0.0 75.5 18.8 0.0 (s) 49.3 \$\bar{1},619.3 \$\bar{1},619.3 \$\bar{1},619.4 \\ 1,852.1 \$\bar{1},233.2 \\ 2018 10.8 2,330.5 195.8 \$\bar{1},2251.6 19.1 14.8 \$\bar{1},233.9 3,715.2 0.0 75.5 18.8 0.0 (s) 449.3 \$\bar{1},6492.0 \$\bar{1},676.0 \$\bar{1},766.8 \\ 1,2202 6.1 2,349.9 136.7 \$\bar{1},234.9 \$\bar{1},616.0 \$\bar | 2009 | | 1,574.6 | | 1,274.2 | | | | 2,501.1 | | 45.3 65.0 | 9.3 | | | | | 690.3 | |
| 2013 21.6 1,981.1 188.7 H,784.8 30.9 10.2 1,239.0 H3,253.6 0.0 71.0 11.5 0.0 0.0 347.9 H5,686.8 697.0 H6,383.2 2014 27.5 2,055.9 228.1 H,660.2 22.7 11.7 1,139.5 H3,062.3 0.0 68.0 16.6 0.0 0.0 372.5 H5,062.8 76.5 H5,063.8 2015 20.4 2,094.8 158.2 H1,853.6 18.6 7.8 1,152.2 H3,190.5 0.0 66.7 18.7 0.0 0.0 375.9 H5,767.0 H717.8 H5,484.1 2016 13.8 2,129.2 172.3 H1,861.2 18.5 12.6 1,205.8 H3,270.3 0.0 69.0 19.3 0.0 0.0 386.9 H5,888.5 H741.7 H6,630.2 2017 12.5 2,149.1 176.1 H1,914.1 18.7 15.8 H1,233.3 H3,358.1 0.0 70.6 19.6 0.0 (s) 409.3 H6,019.3 H796.0 H6,815.2 2018 10.8 2,330.5 195.8 H2,251.6 19.1 14.8 H1,233.9 3,715.2 0.0 75.5 18.8 0.0 (s) 421.2 H6,571.9 H772.6 H7,268.1 2019 9.9 2,349.2 185.2 H2,322.7 19.1 12.3 H1,242.8 H3,782.2 0.0 71.3 16.2 0.0 (s) 449.3 H6,078.2 H822.2 H7,269.0 H7,268.1 2020 6.1 2,354.9 136.7 H2,292.7 19.3 10.0 H1,161.0 H3,619.7 0.0 72.4 12.6 0.0 (s) 449.3 H6,079.0 H7,268.1 | 2011 | 19.5 | 1,831.2 | 175.4 | 1,473.4 | 30.6 | 28.6 | 1,142.2 | 2,850.2 | 0.0 | 69.9 | 13.2 | 0.0 | 0.0 | 348.5 | 5,132.4 | 708.1 | 5.840.5 |
| 2014 27.5 2,055.9 228.1 \$\begin{array}{cccccccccccccccccccccccccccccccccccc | 2012 2013 | 19.8 21.6 | 1,928.3 1 981 1 | 197.1 188.7 | H 1 79/19 | 28.3 | 13.6 10.2 | 1,158.4 1,239.0 | R 3,013.0 | | 68.7 71.0 | 15.4 11.5 | 0.0 | 0.0 | 322.5 347.9 | 5,367.9 R 5 686 8 | 638.8 697.0 | R 6,006.6 |
| 2015 20.4 2,094.8 158.2 1,1853.6 18.6 7.8 1,152.2 13,190.5 0.0 66.7 18.7 0.0 0.0 375.9 15,767.0 1717.8 16,848.4 2016 13.8 2,129.2 172.3 1,861.2 18.5 12.6 1,205.8 13,270.3 0.0 69.0 19.3 0.0 0.0 386.9 15,888.5 1741.7 174.7 12.5 2,149.1 176.1 176.1 176.1 176.1 18.7 15.8 12,233.3 13,358.1 0.0 70.6 19.6 0.0 (s) 409.3 176,019.3 1796.0 176,615.2 177.2 179.2 1 | 2014 | 27.5 | 2,055.9 | 228.1 | H 1.660.2 | 22.7 | 11.7 | 1,139.5 | H 3,062.3 | 0.0 | 68.0 | 16.6 | 0.0 | 0.0 | 372.5 | H 5,602.8 | 736.5 | H 6.339.3 |
| 2017 12.5 2,149.1 176.1 1,1914.1 18.7 15.8 1,233.3 1,358.1 0.0 70.6 19.6 0.0 (s) 409.3 1,6019.3 1,796.0 1,61815. 2018 10.8 2,330.5 195.8 2,251.6 19.1 14.8 1,233.9 3,715.2 0.0 75.5 18.8 0.0 (s) 421.2 1,657.9 1,776.6 1,344.6 1,0019.9 1,349.2 185.2 1,232.7 19.1 12.3 1,242.8 1,3762.2 0.0 71.3 16.2 0.0 (s) 449.3 1,6678.2 1,6678.2 1,768.9 | 2015 | | 2,094.8 | 158.2 | H 1,853.6 | | | 1 205 0 | R 2 270 2 | | | 18.7 | | | | H 5,767.0 R 5,880 5 | H 7/1 7 | H 6,484.8 |
| 2018 10.8 2,330.5 195.8 12,251.6 19.1 14.8 11,233.9 3,715.2 0.0 75.5 18.8 0.0 (s) 421.2 16,571.9 17/2.6 17,344.2 2019 9.9 2,349.2 185.2 R2,322.7 19.1 12.3 R1,242.8 R3,782.2 0.0 71.3 16.2 0.0 (s) 449.3 R6,678.2 R22.2 R3,500.2 0.0 6.1 2,354.9 136.7 R2,292.7 19.3 10.0 R1,161.0 R3,619.7 0.0 72.4 12.6 0.0 (s) 426.9 R6,492.0 R76.6 R7,268.1 | 2017 | 12.5 | 2,149.1 | 176.1 | □ 1 914 1 | 18.7 | 15.8 | H 1 222 2 | R 3,358.1 | 0.0 | 70.6 | 19.6 | 0.0 | (s) | 409.3 | ^H 6.019.3 | R 796 0 | n 6 815 3 |
| 2020 6.1 2,354.9 136.7 12,292.7 19.3 10.0 11,161.0 3,619.7 0.0 72.4 12.6 0.0 (s) 426.9 6,492.0 1776.6 7,268.6 | 2018 | 10.8 | 2,330.5 | 195.8 | " 2.251.6 | 19.1 | 14.8 | | 3 715 2 | 0.0 | 75.5 | 18.8 | 0.0 | (s) | 421.2 | n 6.5/1.9 | □ 7/2.6 | H 7.344.6 |
| 2001 60 24429 1760 2526 101 147 11762 2024 00 754 156 00 6 450 60160 2026 7740 | 2020 | | 2,354.9 | 136.7 | H 2,292.7 | | 10.0 | H 1,161.0 | H 3,619.7 | 0.0 | 72.4 | 12.6 | 0.0 | (s) | 426.9 | R 6,492.0 | H 776.6 | H 7,268.6 |
| 2021 0.0 2,440.0 110.0 2,000.0 18.1 14.1 1,170.2 3,343.4 0.0 15.4 15.0 0.0 (8) 432.2 6,915.2 826.0 1,145.8 | 2021 | 6.0 | 2,443.8 | 176.0 | 2,538.5 | 19.1 | 14.7 | 1,175.2 | 3,923.4 | 0.0 | | 15.6 | 0.0 | (s) | 452.2 | 6,915.2 | 828.6 | 7,743.8 |

the other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by industrial utility-scale facilities.

includes a small amount of wind energy consumed by industrial utility-scale facilities.

Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

kWh = Kilowatthours. — — Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

a Includes supplemental gaseous fuels that are commingled with natural gas.
 b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
 c Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014

and 2015 because of coverage. See Technical Notes, Section 4.

Includes a sphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4. Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately

identified.

There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources

Prince is a discontinuity in this unite series between 1955 and 1955 at all 1955 and the beginning in 1989.

9 Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

1 Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in

Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

k Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and

Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2021, Texas

| | | | | | | Pe | | | | | | | | |
|--------------|------------------------|-----------------------------|----------------------|-------------------------------------|-------------------------|--------------------------|---------------------------------------|--------------------------------|----------------------------------|-------------------------------------|--------------------------|------------------------|---|------------------------|
| | Coal | Natural Gas ^a | Aviation Gasoline | Distillate Fuel Oil ^b | HGL ^c | Jet Fuel ^d | Lubricants | Motor Gasoline ^e | Residual Fuel Oil | Total | Electricity ^f | | Electrical | |
| Year | Thousand Short Tons | Billion Cubic Feet | | | | Thous | sand Barrels | | | | Million Kilowatthours | End Use ^{g,h} | System Energy Losses ⁱ | Total ^{g,h} |
| 1960 | 18 | 52 | 3,261 | 13,571 | 2.024 | 10.842 | 1,780 | 87,381 | 17.736 | 136,595 | 8 | | | |
| 1965 | 4 | 52 68 | 3.457 | 15.810 | 2,024 4,588 | 10,842 15,365 | 1.814 | 104.577 | 17,736 12,346 | 157 957 | 4 | | | |
| 1970 1975 | 2 | 96 82 | 2,007 1,312 | 22,454 37,391 | 5,587 4,969 | 24,430 27,308 | 1,623 1,738 | 139,292 173,854 | 11,667 | 207,059 271,622 | 0 | | | |
| 1980 | ó | 105 92 | 1,264 | 48,286 | 649 609 | 30,934 | 1,909 | 177,228 | 25,049 45,812 | 306,082 | 0 | | | |
| 1985 | 0 | 92 | 1.317 | 53.074 | 609 | 74,500 | 1.738 | 198,761 | 21.610 | 351.609 | 0 | | | |
| 1990 1995 | 0 | 106 82 | 838 645 | 47,369 64,957 | 479 322 | 95,903 83,002 | 1,955 1,865 | 198,773 209,319 | 25,865 20,024 | 371,182 380,135 | 0 | | | |
| 2000 | 0 | 63 | 609 | 82,848 | 234 | 102,717 | 1,992 | 247,076 | 21,007 | 456.482 | 30 | | | |
| 2005 | Ö | 83 87 | 511 | 104.804 | 468 | 80.382 | 1.681 | 272,404 | 22.460 | 482.710 | 71 | | | |
| 2006 | 0 | 87 | 494 492 | 118,413 | 520 | 81,452 | 1,638 | 279,135 | 23,981 | 505,633 512,375 | 62 67 | | | |
| 2007 2008 | 0 | 92 111 | 492 418 | 119,276 112,333 | 362 662 | 75,409 72,516 | 1,691 1,570 | 285,654 283,911 | 29,491 25,090 | 512,375 496,501 | 69 | | | |
| 2009 | ŏ | 119 | 347 | 107.168 | 502 | 61.808 | 1.411 | 284.533 | 21,861 | 477,631 | 71 | | | |
| 2010 | 0 | 82 | 622 | 115,544 | 502 R 152 R 118 | 45,595 | 2,667 | 287,738 | 21,861 27,828 | 477,631 R 480,145 R 483,210 | 74 | | | |
| 2011 2012 | 0 | 88 141 | 676 693 | 123,477 122,040 | H 118 | 46,157 45,480 | 2,637 2,438 | 283,589 286,670 | 26,556 19,135 | R 483,210 R 476,579 | 68 70 | | | |
| 2012 | 0 | 297 | 651 | 129,756 | R 123 R 179 | 45,460 47,262 | 2,436 | 295,443 | 18,813 | R 494 772 | 61 | | | |
| 2014 | ŏ | 105 | 651 451 | 146,862 | R 394 R 423 | 47,670 | 3,012 | 309,840 | 19,345 | R 494,772 R 527,575 R 541,558 | 172 | | | |
| 2015 | 0 | 89 89 | 384 | 145,823 | R 423 | 52,275 | 3,235 | 320,204 | 19,214 | R 541,558 | 180 | | | |
| 2016 2017 | 0 | 89 86 | 407 462 | 143,858 148,219 | R 475 R 415 | 53,026 | 3,088 2,856 | 329,232 331,492 | 28,421 | R 558,508 R 564,461 | 182 | | | |
| 2017 | 0 | 120 | 426 | 161,822 | R 231 | 52,623 R 53,240 | 2,822 | 337,371 | 28,394 23,016 | H 578.929 | 182 187 | | | |
| 2019 | Ö | 175 R 201 | 415 | 164.815 | R 231 R 242 R 119 | H 56 664 | 2.782 | 339,778 | 24.382 | R 589.079 | 187 | | | |
| 2020 2021 | 0 | ^H 201 228 | 384 385 | 143,473 152,183 | ^H 119 94 | R 34,988 44,176 | 2,366 2,489 | 292,013 323,151 | 20,139 25,852 | R 493,482 551,076 | 174 180 | | | |
| | | | | - , | | , - | · · · · · · · · · · · · · · · · · · · | Ilion Btu | -, | , | | | | |
| 1960 | 0.3 | 54.1 70.0 | 16.5 17.5 | 79.1 | 7.8 | 58.6 84.3 | 10.8 11.0 | 459.0 | 111.5 | 743.2 849.5 | (s) | 797.6 | 0.1 | 797.7 |
| 1965 | 0.1 | 70.0 | 17.5 | 92.1 | 17.6 | 84.3 | 11.0 | 549.3 | 77.6 | 849.5 | (s) (s) | 919.6 | 0.1 (s) 0.0 | 919.6 |
| 1970 1975 | (s) (s) | 98.8 84.6 | 10.1 6.6 | 130.8 217.8 | 21.5 19.1 | 135.9 152.7 | 9.8 10.5 | 731.7 913.3 | 73.3 157.5 | 1,113.2 1,477.5 | 0.0 0.0 | 1,212.1 1,562.0 | 0.0 0.0 | 1,212.1 1,562.0 |
| 1980 | 0.0 | 108.1 | 6.4 | 281.3 | 2.5 | 173.3 | 11.6 | 931.0 | 288 0 | 1 694 0 | 0.0 | 1 802 1 | 0.0 | 1,302.0 |
| 1985 | 0.0 | 95.6 | 6.6 | 309.2 | 2.5 2.3 | 420.5 | 10.5 | 1,044.1 | 135.9 | 1,929.2 | 0.0 | 2.027.5 | 0.0 | 1,802.1 2,027.5 |
| 1990 | 0.0 | 110.5 85.7 | 4.2 3.3 | 275.9 378.0 | 1.8 | 542.1 | 11.9 | 1,044.2 | 162.6 125.9 | 2,042.8 2,079.5 | 0.0 | 2,155.2 2,165.2 | 0.0 | 2,155.2 2,165.2 |
| 1995 2000 | 0.0 0.0 | 65.2 | 3.3 | 378.0 482.1 | 1.2 0.9 | 470.5 582.4 | 11.3 12.1 | 1,089.3 1,285.0 | 132.1 | 2,079.5 2,497.7 | 0.0 0.1 | 2,165.2 | 0.0 0.2 | 2,165.2 2,563.2 |
| 2005 | 0.0 | 85.4 | 2.6 | 609.8 | 1.8 | 455.8 | 12.1 10.2 | 1,414.3 | 141.2 | 2.635.6 | 0.2 | 2.722.5 | 0.5 | 2,563.2 2,723.0 |
| 2006 2007 | 0.0 | 89.4 93.9 | 2.5 2.5 | 687.2 | 2.0 | 461.8 | 9.9 10.3 | 1,447.3 | 150.8 185.4 | 2,761.5 2,785.8 | 0.2 0.2 | 2,854.8 2,885.0 | 0.4 | 2,855.2 2,885.5 |
| 2007 2008 | 0.0 0.0 | 93.9 114.4 | 2.5 2.1 | 689.9 649.3 | 1.4 2.5 | 427.6 411.2 | 10.3 9.5 | 1,468.8 1,449.7 | 185.4 157.7 | 2,785.8 2,682.0 | 0.2 0.2 | 2,885.0 2,801.0 | 0.5 0.5 | 2,885.5 |
| 2009 | 0.0 | 122.4 | 1.8 | 619.1 | 1.9 | 350.5 | 8.6 | 1,448.3 | 137 4 | 2,567.5 | 0.2 | 2.690.1 | 0.5 | 2,801.4 2,690.6 |
| 2010 | 0.0 | 84.9 | 3.1 | 667.3 | 0.6 R 0.5 | 258.5 | 16.2 16.0 | 1,458.0 | 175.0 | 2 578 6 | 0.3 0.2 | 2,663.7 2,687.2 | 0.5 | 2,664.2 |
| 2011 | 0.0 | 90.2 | 3.4 | 712.5 | H 0.5 | 261.7 | 16.0 | 1,435.8 | 167.0 | 2,596.8 | 0.2 | 2,687.2 | 0.5 | 2,687.7 |
| 2012 2013 | 0.0 0.0 | 144.6 304.6 | 3.5 3.3 | 703.8 747.8 | 0.5 R 0.7 | 257.9 268.0 | 14.8 16.2 | 1,451.1 1,494.9 | 175.0 167.0 120.3 118.3 | 2,596.8 R 2,551.9 R 2,649.1 | 0.2 0.2 | 2,696.7 R 2,954.0 | 0.5 0.4 | 2,697.2 R 2,954.4 |
| 2014 | 0.0 | 109.0 | 2.3 | 846.4 | 0.5 R 0.7 R 1.5 | 270.3 | 18.3 | 1,567.5 | 121.6 | n 2.827.8 | 0.6 | H 2 937 4 | 1.2 | R 2,938.6 R 2,994.1 |
| 2015 | 0.0 | 92.4 | 1.9 | 840.2 | H16 | 296.4 | 19.6 | 1,619.3 | 120.8 | R 2,899.9 | 0.6 | R 2,992.9 R 3,087.1 | 1.2 1.2 | R 2,994.1 |
| 2016 2017 | 0.0 | 92.1 88.8 | 2.1 2.3 | 828.2 853.3 | R 1.8 R 1.6 | 300.7 | 18.7 17.3 | 1,664.3 | 178.7 178.5 | R 2,994.4 R 3,026.5 | 0.6 | R 3,087.1 R 3,115.8 | 1.2 1.2 | R 3,088.3 R 3,117.1 |
| 2017 | 0.0 0.0 | 123.1 | 2.3 2.2 | 931.9 | R 0.9 | 298.4 301.9 | 17.3 17.1 | 1,675.0 1,705.1 | 144.7 | R 3.103.7 | 0.6 0.6 | R 3.227.5 | 1.2 | R 3.228.7 |
| 2019 | 0.0 | 170 0 | 2.1 | 949.2 | Rng | R 321 3 | 16.9 | 1,716.6 | 153.3 | R 3.160.2 | 0.6 | H 3.340.7 | 1.2 | R 3,228.7 R 3,341.9 |
| 2020 2021 | 0.0 0.0 | R 205.8 233.0 | 1.9 1.9 | 825.8 877.2 | R 0.5 0.4 | R 198.4 250.5 | 14.3 15.1 | 1,475.2 1,631.9 | 126.6 162.5 | R 2,642.8 2,954.2 | 0.6 0.6 | R 2,849.2 3,187.9 | 1.1 1.1 | R 2,850.3 3,189.0 |
| 2021 | 0.0 | 200.0 | 1.9 | 011.2 | 0.4 | 230.3 | 10.1 | 1,001.9 | 102.3 | 2,354.2 | 0.0 | 5,107.9 | 1.1 | 3,103.0 |

^a Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.

^b Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil.

C Hydrocarbon gas liquids, assumed to be propane only.

d Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Industrial sector, Other Petroleum."

Beginning in 1993, includes fuel ethanol blended into motor gasoline.

Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers. Sales

to public railroads and railway systems only. Excludes electric vehicles.

⁹ There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

h For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

ⁱ Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

^{— —} Not applicable.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type

Neb Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2021, Texas

| 9970 0 1.092 45 0 104 149 0 1.005 0 NA NA 122 1970 0 1.005 0 NA NA 122 1970 0 1.005 0 NA NA 122 1970 1.005 1.005 0 NA NA NA 122 1970 1.005 1.005 0 NA NA NA 122 1970 1.005 1.0 | | | | Petroleum Distillate Petroleum Residual | | | | | | Biomass | | | | | |
|--|------|---------|---------|--|------------|-----------------------------------|--------------|--------------|-------------|---------|-------------------------|----------------------|-------------------|-----------------|-----------------------|
| Thousand Sarets | | Coal | | Distillate Fuel Oil ^b | | Residual Fuel Oil ^c | Total | Electric | | | Geothermal ^f | Solar ^{f,g} | Wind ^f | Net | |
| 1970 0 1.062 45 0 104 149 0 1.065 0 NA NA 1.4 1-122 1970 1 1.062 45 0 1.062 0 NA NA NA 1-122 1- 1970 1 1.062 | Year | | | | Thousan | d Barrels | | Million Kil | owatthours | and | | Million K | ilowatthours | | Total ^{f,i} |
| 1970 0 1.082 65 0 104 140 140 0 1.050 0 NA NA 1.4 1-122 180 140 150 150 150 150 150 150 150 150 150 15 | 1960 | 0 | 407 | 18 | 0 | 43 | 61 | 0 | 1.102 | | 0 | NA | NA | -175 | |
| 1970 9,044 1,353 775 0 | 1965 | | 640 | 14 | | 33 | 47 | | 743 | | | NA | NA | -82 | |
| 1980 45,81 1,420 1,126 0 850 1,786 0 979 0 NA NA -881 1890 77,1816 1,1819 77,1816 1,1819 77,1816 1,1819 77,1816 1,1819 77,1816 1,1819 77,1816 1,1819 77,1816 1,1819 77,1816 1,1819 77,1816 1,1819 77,1816 1,1819 77,1816 1,1819 77,1816 1,1819 77,1816 1,1819 77,1816 77 | 1970 | • | 1,062 | 45 | 0 | | | | 1,005 | | - | | | -122 | |
| 985 7,888 1,198 775 0 881 1,597 70 1,401 0 0 0 0 4 4 1 1,597 1,595 7,598 1,597 | | | 1,333 | | 0 | 1,740 | | | 979 | | • | | | -343 -581 | |
| 985 88,383 1,207 534 2,460 62 3,055 30,151 1,703 0 (a) 0 -425 986 11,556 2,147 2,586 401 5,387 3,585 1,385 1,207 0 (b) 4,237 4,16 2006 19,661 1,464 242 2,268 55 3,224 41,264 662 0 0 0 6,671 12 2 2007 102,616 1,474 241 2,268 46 2,235 40,365 1,644 0 0 0 0,006 -243 2008 103,647 1,387 138 2,540 0 2,288 41,488 1,102 0 0 0 1,002 3 2010 100,281 1,349 200 3,44 0 0 1,144 41,385 1,222 0 0 8 20,251 1,12 2011 100,281 1,349 200 3,44 0 0 1,144 41,385 1,222 0 0 8 20,251 1,12 2011 100,281 1,494 265 1,124 (a) 1,389 30,448 81,422 0 0 8 20,251 1,12 2011 100,281 1,494 205 1,124 (a) 1,389 30,448 81,422 0 0 20 8,251 1,12 2011 100,281 1,494 200 0 3 0 0 200 3,387 | 1985 | | 1,198 | 775 | ŏ | 881 | | | 1,401 | | • | 0 | | -4 | |
| 2000 97,076 1578 2,147 2,286 401 5,385 37,556 8,29 0 6 492 -16 | 1990 | 87,248 | 1,134 | 721 | | 254 | | | 1,794 | | • | | | -63 | |
| 2005 101223 1,466 317 2,726 29 3,071 38,232 1,333 0 0 0 4,237 2,16 20 0 9,661 1,444 242 2,926 55 3,226 41,244 66 2 0 0 0 6,676 2,22 20 0 9,661 1,444 242 2,926 55 3,226 41,244 66 2 0 0 0 6,676 2,22 20 0 9,677 1,337 135 2,555 0 0 2,685 41,44 1,335 1,336 1,337 1,337 135 2,555 0 0 2,685 41,44 1,335 1,338 1,341 1,342 1,341 1,34 | 1995 | | | | 2,460 | | 3,055 | | | | • | | | | |
| 2006 | 2000 | 97,076 | 1,5/8 | 2,147 | 2,836 | 401 | 5,385 | 37,556 | | | - | (s) | | | |
| 2007 102,916 1,474 241 2,068 46 2,365 40,365 1,644 0 0 0 9,006 2-43 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | 29 55 | | | 662 | | • | 0 | | | |
| 2009 85,407 1,387 135 2,550 0 2,685 41,498 1,029 0 0 0 20,026 110 0 0 10 20,026 110 0 0 10 20,026 110 0 0 10 20,026 110 0 0 10 20 114 144 1355 1,376 120 114 1355 1,376 120 114 1355 1,376 120 114 1355 1,376 120 114 1355 1,376 120 114 1355 1,376 120 114 1355 1,376 120 114 1355 1,376 120 114 1355 1,376 14 1355 1,376 14 1355 1,376 14 1355 1,376 14 1355 1,376 14 1355 1,376 14 1355 1,376 14 1355 1,376 14 1355 1,376 14 1355 1,376 14 1355 1,376 14 1355 1,376 14 1355 1,376 14 1355 1,376 14 1355 1,376 14 1355 1,376 14 1355 1,376 14 1355 1,376 14 1355 1,376 14 14 15 1,376 14 14 15 1,376 14 14 15 1,376 14 14 15 1,376 14 14 15 1,376 14 14 15 1,376 14 14 15 1,376 14 14 15 1,376 14 14 15 1,376 14 14 15 1,376 14 14 15 1,376 14 14 15 1,376 14 14 15 1,376 14 14 14 15 1,376 14 14 14 14 14 14 14 14 14 14 14 14 14 | 2007 | 102,916 | 1,474 | 241 | 2,068 | 46 | 2,355 | 40,955 | 1,644 | | | ŏ | 9,006 | -243 | |
| 2010 100,281 1,349 200 944 0 1,144 41,335 1,252 | 2008 | 101,840 | 1.440 | 193 | 1.844 | 6 | 2,043 | 40,727 | 1,039 | | 0 | 0 | 16,225 | -52 | |
| 2011 110,098 | | | | 135 | 2,550 | | | | | | • | 0 | | | |
| 2012 97,005 1,517 235 126 26 386 38,441 584 0 118 32,214 -223 2014 101,654 1425 200 0 40 38,315 480 0 161 58,74 469 2014 101,656 1425 200 0 0 0 200 38,315 480 0 260 38,885 4-24 4 2014 101,656 1425 200 0 0 0 51 30,275 386 0 280 38,885 4-24 4 2014 101,656 1425 200 0 0 151 40,079 38,275 386 0 280 38,885 4-24 4 2014 101,656 1425 200 0 0 151 40,079 38,275 386 4 0 279 37,483 1,948 4-220 101,656 1425 200 0 0 151 40,079 38,275 386 4 0 280 38,885 4-24 4 2014 101,656 1425 200 142,079 38,285 1,080 4 0 280 38,885 4-24 4 2014 142,079 38,485 1,079 14,079 14, | 2010 | 100,281 | 1,349 | 200 | | | 1,144 | 41,335 | 1,262 | | 0 | 8 | 26,251 | | |
| 102,487 | 2011 | 97.305 | 1,454 | 200 235 | | (S) 26 | 386 | | 503 584 | | 0 | | 30,546 32,214 | -224 -223 | |
| 2014 | 2013 | 102.487 | 1,423 | 177 | 233 | | 410 | 38.315 | 480 | | | 161 | 35.874 | -669 | |
| 2016 86,130 1,534 151 0 0 151 42,079 1,342 0 729 57,483 -1,948 2017 93,488 1,370 137 0 0 137 38,381 1,060 0 2,167 67,008 -5,591 2018 75,899 1,644 110 0 0 110 41,166 1,125 0 3,204 75,637 4,466 2020 50,069 1,739 91 0 0 91 41,439 1,079 0 8,534 82,386 -3,066 2021 61,762 1,626 402 0 0 402 40,211 1,062 0 14,918 89,420 -2,422 Trillon Btu | 2014 | 101,658 | 1,425 | 200 | 0 | | 200 | 39,287 | 386 | | 0 | 280 | 39,982 | -424 | |
| 2017 93,488 1,370 137 0 0 137 38,881 1,060 0 2,187 67,008 -5,591 2018 57,899 1,644 110 0 0 0 110 41,168 1,125 0 3,204 75,637 4,668 2019 63,311 1,787 94 0 0 94 41,299 1,474 0 4,362 83,557 4,446 2020 56,069 1,739 91 0 0 0 91 41,439 1,079 0 6,534 82,366 -3,066 2021 61,762 1,626 402 0 0 402 40,211 1,062 0 14,918 99,420 -2,422 2021 1,626 402 0 0 0 402 40,211 1,062 0 14,918 99,420 -2,422 2021 1,626 402 0 0 0 0 0 402 40,211 1,062 0 14,918 99,420 -2,422 2021 1,626 0 0 0 0 0 0 0 0 0 | | | | | 0 | | | | | | | 399 | | | |
| 2018 75,899 1,644 110 0 0 110 41,186 1,125 0 3,204 75,637 4,688 2019 63,311 1,787 94 0 0 94 41,298 1,474 0 4,362 83,557 4,446 2020 56,069 1,799 91 0 0 91 41,439 1,079 0 8,534 92,386 -3,086 2021 51,762 1,626 402 0 0 91 41,439 1,079 0 8,534 92,386 -3,086 2021 51,762 1,626 402 0 0 0 91 41,439 1,079 0 1,4918 99,420 -2,422 1960 0.0 421,6 0.1 0.0 0.3 0.4 0.0 11,9 0.0 0.0 0.0 0.0 0.0 0.0 2018 0.0 663,2 0.1 0.0 0.2 0.3 0.0 7.8 0.9 0.0 0.0 0.0 0.0 0.0 2019 0.0 1,090,3 0.3 0.0 0.7 0.9 0.0 0.5 1.0 0.0 0.0 0.0 0.0 2019 1,090,3 0.3 0.0 0.7 0.9 0.0 0.5 1.0 0.0 0.0 0.0 0.0 2019 1,090,3 1,482,7 6.6 0.0 4.2 10,1 0.0 10,2 0.8 0.0 0.0 0.0 0.0 0.0 2019 1,090,4 1,482,7 6.6 0.0 4.2 10,1 0.0 10,2 0.8 0.0 0.0 0.0 0.0 0.0 2019 1,090,4 1,482,7 6.6 0.0 4.2 10,1 0.0 10,2 0.8 0.0 0.0 0.0 0.0 0.0 2019 1,090,4 1,482,7 6.6 0.0 4.2 10,1 0.0 10,2 0.8 0.0 0.0 0.0 0.0 0.0 0.0 2019 1,090,4 1,482,7 1,4 | 2016 | | 1,534 | 151 | 0 | 0 | | | 1,342 | | - | 729 | 57,483 | -1,948 | |
| 1/20 63,311 | | | 1,370 | | 0 | 0 | | | 1,000 | | | | | -5,591 4 668 | |
| 2020 56,069 1,739 91 0 0 91 41,439 1,079 0 8,534 92,366 -3,066 | | | 1.787 | 94 | 0 | | | | 1,474 | | • | 4.362 | 83.557 | -4.446 | |
| Trillion Blu | 2020 | 56.069 | 1,739 | 91 | Ö | | 91 | 41,439 | 1,079 | | Ö | 8,534 | 92,386 | -3,066 | |
| 1960 0.0 | 2021 | 61,762 | 1,626 | 402 | 0 | 0 | 402 | 40,211 | 1,082 | | 0 | 14,918 | 99,420 | -2,422 | |
| 1965 0.0 | | | | | | | | Trillion Btu | | | | | | | |
| 1970 0.0 1,090.3 0.3 0.0 0.7 0.9 0.0 10.5 1.0 0.0 NA NA -0.4 1,102. 1975 118.5 1,379.0 0.4 0.0 10.9 11.4 0.0 20.0 0.9 0.0 NA NA NA -1.2 1,528. 1980 670.8 1,482.9 6.6 0.0 4.2 10.7 0.0 10.2 0.8 0.0 NA NA NA -2.0 2,173. 1985 1,063.4 1,240.7 4.5 0.0 5.5 10.1 0.0 14.6 3.1 0.0 0.0 0.0 0.0 (s) 2,373. 1990 1,271.9 1,174.0 4.2 0.0 1.6 5.8 167.8 18.7 3.3 0.0 (s) 0.0 -0.2 2,640. 1995 1,301.1 1,327.7 3.1 14.8 0.4 18.3 379.8 17.6 0.4 0.0 (s) 0.0 -3.2 2,951. 2000 1,474.9 1,610.7 12.5 17.1 2.5 32.1 391.7 8.5 0.9 0.0 (s) 0.0 -3.2 2,951. 2001 1,557.5 1,557.4 1.8 15.6 0.2 17.6 399.0 13.3 2.7 0.0 0.0 42.4 -0.7 3,533. 2006 1,557.5 1,557.8 1,557.8 1.507.8 1.4 16.7 0.3 18.5 430.6 6.6 2.7 0.0 0.0 42.4 -0.7 3,533. 2007 1,568.7 1,567.8 1.4 11.8 0.3 13.5 429.6 16.3 4.2 0.0 0.0 66.2 -0.7 3,534. 2008 1,566.6 1,472.7 1.1 10.5 (s) 11.7 425.7 10.2 4.9 0.0 0.0 15.9 -0.2 3,651. 2009 1,480.4 1,415.8 0.8 14.6 0.0 15.4 434.0 10.0 4.4 0.0 0.0 15.9 -0.2 3,651. 2010 1,553.9 1,375.3 1.2 5 4.0 0.6 6.4 32.0 12.3 5.1 10.0 0.1 195.5 0.4 3,555. 2011 1,675.5 1,480.0 1.5 6.4 (s) 8.0 414.9 5.5 6.3 0.0 0.3 2,968 0.8 3,804. 2012 1,478.7 1,550.5 1.4 0.7 0.2 2.2 402.8 5.6 8.5 0.0 0.3 2,968 0.8 3,804. 2013 1,575.5 1,455.1 1.0 1.3 0.0 2.4 400.4 4.6 8.1 0.0 1.5 342.3 2.3 3,785. 2014 1,558.3 1,462.0 1.2 0.0 0.0 0.2 4400.4 4.6 8.1 0.0 1.5 342.3 2.3 3,785. 2015 1,319.8 1,675.7 1.2 0.0 0.0 1.2 410.9 3.7 10.5 0.0 3.7 841.3 0.9 18.3 827.2 0.0 0.0 38.8 8,745. 2016 1,399.8 1,675.7 1.2 0.0 0.0 0.2 4400.4 4.6 8.1 0.0 1.5 342.3 2.3 3,785. 2017 1,439.5 1,446.0 0.9 0.0 0.0 0.9 440.1 12.4 8.9 10.0 0.7 8,785.5 0.6 8,382.2 0.7 8,382.2 0.7 8,382.2 0.7 8,382.2 0.7 8,382.2 0.7 8,382.2 0.7 8,382.2 0.7 8,382.2 0.0 0.0 3,888.8 743.6 1.15.9 8,400.2 0.0 0.0 1.2 410.9 3.7 10.5 0.0 1.7 8,000.2 0.1 8,382.3 0.0 0.0 3,888.8 743.6 1.15.9 8,400.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 1960 | 0.0 | 421.6 | 0.1 | 0.0 | 0.3 | 0.4 | 0.0 | 11.9 | 0.0 | 0.0 | NA | | -0.6 | 433.2 |
| 1975 | 1965 | | 663.2 | | | | | 0.0 | | | | | | -0.3 | 671.9 |
| 1985 | | | 1,090.3 | | 0.0 | | | | | | | | | -U.4 -1.2 | 1,102.4 |
| 1985 | 1980 | 670.8 | 1,482.9 | 6.6 | | 4.2 | | | 10.2 | | | | NA | -2.0 | 2,173.4 |
| 1995 1,301.1 1,237.7 3.1 14.8 0.4 18.3 379.8 17.6 0.4 0.0 (s) 0.0 -3.2 2,951. 2000 1,474.9 1,610.7 12.5 17.1 2.5 32.1 391.7 8.5 0.9 0.0 (s) 5.0 -0.1 3,523. 2005 1,557.5 1,507.4 1.8 15.6 0.2 17.6 399.0 13.3 2.7 0.0 0.0 42.4 -0.7 3,539. 2006 1,539.4 1,501.2 1.4 16.7 0.3 18.5 430.6 6.6 2.7 0.0 0.0 6.2 -0.7 3,564. 2007 1,568.7 1,507.8 1.4 11.8 0.3 13.5 429.6 16.3 4.2 0.0 0.0 89.0 -0.8 3,628. 2008 1,566.6 1,472.7 1.1 10.5 (s) 11.7 425.7 10.2 4.9 0.0 0.0 159.9 -0.2 3,651. 2009 1,480.4 1,415.8 0.8 14.6 0.0 15.4 434.0 10.0 4.4 0.0 0.0 195.5 0.4 3,555. 2010 1,553.9 1,375.3 1.2 5.4 0.0 6.6 432.0 12.3 5.1 0.0 0.1 256.1 (s) 3,641. 2011 1,675.5 1,484.0 1.5 6.4 (s) 8.0 414.9 5.5 6.3 0.0 0.3 296.8 -0.8 3,890. 2012 1,478.7 1,550.5 1.4 0.7 0.2 2.2 402.8 5.6 8.5 0.0 1.3 306.6 -0.8 3,890. 2013 1,575.5 1,455.1 1.0 1.3 0.0 2.4 400.4 4.6 8.1 0.0 1.5 342.3 -2.3 3,875. 2014 1,588.3 1,462.0 1.2 0.0 0.0 1.2 410.9 3.7 10.5 0.0 2.7 880.2 -1.4 83.20.2 12.1 1,588.3 1,588.3 1,580.0 0.9 0.0 0.0 0.0 0.0 1.2 411.6 8.9 10.8 0.0 3.7 847.3 -0.9 83,848. 2016 1,309.3 1,580.0 0.9 0.0 0.0 0.0 0.0 40.0 0.0 0.0 1.2 410.6 8.9 10.8 0.0 3.7 847.3 -0.9 83,848. 2017 1,439.5 1,411.6 0.8 0.0 0.0 0.0 0.8 403.5 9.8 7.5 0.0 1.8 0.0 1.9 1.8 688.1 15.9 849.5 0.0 1.1 1,78.6 1,689.4 0.6 0.0 0.0 0.0 0.5 8432.9 9.5 5.2 0.0 874.8 8743.6 -15.2 840.5 0.0 1.5 83,961. | 1985 | 1,063.4 | 1.240.7 | 4.5 | 0.0 | 5.5 | 10.1 | 0.0 | 14.6 | 3.1 | | | 0.0 | (s) | 2,331.9 |
| 2000 1,474.9 1,610.7 12.5 17.1 2.5 32.1 391.7 8.5 0.9 0.0 (\$) 5.0 -0.1 3,523. 2005 1,557.5 1,507.4 1.8 15.6 0.2 17.6 399.0 13.3 2.7 0.0 0.0 42.4 -0.7 3,539. 2006 1,539.4 1,501.2 1.4 16.7 0.3 18.5 430.6 6.6 2.7 0.0 0.0 66.2 -0.7 3,564. 2007 1,568.7 1,507.8 1.4 11.8 0.3 13.5 429.6 16.3 4.2 0.0 0.0 89.0 -0.8 3,628. 2008 1,566.6 1,472.7 1.1 10.5 (\$) 11.7 425.7 10.2 4.9 0.0 0.0 159.9 -0.2 3,551. 2009 1,480.4 1,415.8 0.8 14.6 0.0 15.4 434.0 10.0 4.4 0.0 0.0 195.5 0.4 3,555. 2010 1,553.9 1,375.3 1.2 5.4 0.0 6.6 432.0 12.3 5.1 0.0 0.1 256.1 (\$) 3,641. 2011 1,675.5 1,484.0 1.5 6.4 (\$) 8.0 414.9 5.5 6.3 0.0 0.3 296.8 -0.8 3,890. 2012 1,478.7 1,550.5 1.4 0.7 0.2 2.2 402.8 5.6 8.5 0.0 1.1 306.6 -0.8 3,787. 2013 1,575.5 1,455.1 1.0 1.3 0.0 2.4 400.4 4.6 8.1 0.0 1.5 342.3 2.3 3,787. 2014 1,558.3 1,462.0 1.2 0.0 0.0 0.0 1.2 410.9 3.7 10.5 0.0 2.7 380.2 -1.3 4,382.7 2.1 2.1 410.6 8.9 10.8 10.9 10.8 1.5 6.8 1.3 3,890. 2016 1,309.3 1,580.0 0.9 0.0 0.0 0.0 0.9 440.1 12.4 8.9 0.0 6.7 850.5 -6.6 8.3 20.1 1.3 3,882. 2017 1,439.5 1,411.6 0.8 0.0 0.0 0.0 0.8 403.5 9.8 7.5 0.0 8.8 1.688.1 15.9 8,382. 2018 1,778.6 1,689.4 0.6 0.0 0.0 0.0 0.8 403.6 10.2 7.8 0.0 8.8 8,743.6 -15.2 8,000. | 1990 | 1,271.9 | 1,174.0 | 4.2 | | | 5.8 | | | | | (s) | | -0.2 | 2,640.8 |
| 2005 | 1995 | | 1,237.7 | | | 0.4 | 18.3 | 379.8 | | 0.4 | | | 0.0 | -3.2 | 2,951.7 |
| 2006 1,539.4 1,501.2 1.4 16.7 0.3 18.5 430.6 6.6 2.7 0.0 0.0 66.2 -0.7 3,564. 2007 1,568.7 1,507.8 1.4 11.8 0.3 13.5 429.6 16.3 4.2 0.0 0.0 0.0 89.0 -0.8 3,652. 2008 1,566.6 1,472.7 1.1 10.5 (s) 11.7 425.7 10.2 4.9 0.0 0.0 159.9 -0.2 3,651. 2009 1,480.4 1,415.8 0.8 14.6 0.0 15.4 434.0 10.0 4.4 0.0 0.0 195.5 0.4 3,555. 2010 1,553.9 1,375.3 1.2 5.4 0.0 6.6 432.0 12.3 5.1 0.0 0.1 256.1 (s) 3,641. 2011 1,675.5 1,484.0 1.5 6.4 (s) 8.0 414.9 5.5 6.3 0.0 0.3 296.8 -0.8 3,890. 2012 1,478.7 1,550.5 1.4 0.7 0.2 2.2 402.8 5.6 8.5 0.0 1.1 306.6 -0.8 3,755. 2013 1,575.5 1,455.1 1.0 1.3 0.0 2.4 400.4 4.6 8.1 0.0 1.5 342.3 -2.3 3,787. 2014 1,558.3 1,462.0 1.2 0.0 0.0 0.0 1.2 410.9 3.7 10.5 0.0 2.7 380.2 -1.4 9,327. 2015 1,319.8 1,675.7 1.2 0.0 0.0 1.2 410.9 3.7 10.5 0.0 2.7 380.2 -1.4 9,327. 2016 1,309.3 1,580.0 0.9 0.0 0.0 0.0 1.2 411.6 8.9 10.8 0.0 3.7 841.3 -0.9 83,882. 2017 1,439.5 1,411.6 0.8 0.0 0.0 0.0 0.8 440.1 12.4 8.9 0.0 6.7 8530.5 -6.6 8,382. 2018 1,178.6 1,689.4 0.6 0.0 0.0 0.0 0.8 440.5 12.4 8.9 0.0 82.1 868.1 15.9 84,050. 2019 982.8 1,828.8 0.5 0.0 0.0 0.0 0.5 431.2 13.1 6.4 0.0 38.8 743.6 -15.2 84,030. 2020 866.7 1,773.4 0.5 0.0 0.0 0.0 0.5 8431.2 13.1 6.4 0.0 38.8 743.6 -15.2 84,030. | 2000 | 1,474.9 | 1,610.7 | | 17.1 | 2.5 | 32.1 17.6 | | 8.5 13.3 | 0.9 | | (S) | | -0.1 -0.7 | 3,523.7 |
| 2007 | | | 1,501.2 | | | 0.3 | | | | 2.7 | | | | -0.7 | 3,564.4 |
| 2009 | 2007 | 1,568.7 | 1.507.8 | 1.4 | 11.8 | 0.3 | 13.5 | 429.6 | 16.3 | 4.2 | 0.0 | 0.0 | 89.0 | -0.8 | 3,628.3 |
| 2010 1,553.9 1,376.3 1.2 5.4 0.0 6.6 432.0 12.3 5.1 0.0 0.1 256.1 (s) 3,641. 2011 1,675.5 1,484.0 1.5 6.4 (s) 8.0 414.9 5.5 6.3 0.0 0.3 296.8 0.8 3,890. 2012 1,478.7 1,550.5 1.4 0.7 0.2 2.2 402.8 5.6 8.5 0.0 1.1 306.6 0.8 3,787. 2013 1,575.5 1,455.1 1.0 1.3 0.0 2.4 400.4 4.6 8.1 0.0 1.5 342.3 2.3 3,787. 2014 1,558.3 1,462.0 1.2 0.0 0.0 1.2 410.9 3.7 10.5 0.0 2.7 380.2 1.4 8,382. 2015 1,319.8 1,675.7 1.2 0.0 0.0 1.2 411.6 8.9 10.8 0.0 3.7 8417.3 0.9 8,348. 2016 1,309.3 1,580.0 0.9 0.0 0.0 0.0 0.9 440.1 12.4 8.9 0.0 6.7 850.5 6.6 83,882. 2017 1,439.5 1,411.6 0.8 0.0 0.0 0.0 0.8 403.5 9.8 7.5 0.0 82.1 868.1 15.9 8,482. 2018 1,178.6 1,689.4 0.6 0.0 0.0 0.0 0.6 430.6 10.2 7.8 0.0 82.1 868.1 15.9 8,4050. 2019 982.8 1,828.8 0.5 0.0 0.0 0.0 0.0 0.5 431.2 13.1 6.4 0.0 38.8 8743.6 -15.2 8,4030. 2020 866.7 1,773.4 0.5 0.0 0.0 0.0 0.5 8,432.9 9.5 5.2 0.0 874.8 809.9 -10.5 8,399.9 1.5 8,009. | 2008 | 1,566.6 | 1,472.7 | 1.1 | 10.5 | (s) | | 425.7 | | | | 0.0 | 159.9 | -0.2 | 3,651.5 |
| 2011 1,675.5 1,484.0 1.5 6.4 (s) 8.0 414.9 5.5 6.3 0.0 0.3 296.8 -0.8 3,890. 2012 1,478.7 1,550.5 1.4 0.7 0.2 2.2 402.8 5.6 8.5 0.0 1.1 306.6 -0.8 3,755. 2013 1,575.5 1,455.1 1.0 1.3 0.0 2.4 400.4 4.6 8.1 0.0 1.5 342.3 -2.3 3,755. 2014 1,558.3 1,462.0 1.2 0.0 0.0 1.2 410.9 3.7 10.5 0.0 2.7 380.2 -1.4 8,3827. 2015 1,319.8 1,675.7 1.2 0.0 0.0 1.2 411.6 8.9 10.8 0.0 3.7 8417.3 -0.9 8,3848. 2016 1,309.3 1,580.0 0.9 0.0 0.0 0.0 1.2 411.6 8.9 10.8 0.0 3.7 8417.3 -0.9 8,3848. 2017 1,439.5 1,411.6 0.8 0.0 0.9 0.0 0.0 0.9 440.1 12.4 8.9 0.0 6.7 8,505.5 6.6 8,3827. 2018 1,778.6 1,689.4 0.6 0.0 0.0 0.0 0.8 403.5 9.8 7.5 0.0 820.1 8617.0 -19.1 8,3890. 2019 982.8 1,828.8 0.5 0.0 0.0 0.0 0.5 431.2 13.1 6.4 0.0 8,8 8743.6 -15.2 8,4030. 2020 866.7 1,773.4 0.5 0.0 0.0 0.0 0.5 8,432.9 9.5 5.2 0.0 8,748.8 8,99.9 -10.5 8,3690. | | | 1,415.8 | | | | 15.4 | 434.0 | | 4.4 | | | | 0.4 | |
| 2012 1,478.7 1,550.5 1,4 0.7 0.2 2.2 402.8 5.6 8.5 0.0 1.1 306.6 -0.8 3,755. 2013 1,575.5 1,455.1 1.0 1.3 0.0 2.4 400.4 4.6 8.1 0.0 1.5 342.3 -2.3 3,787. 2014 1,558.3 1,462.0 1.2 0.0 0.0 1.2 410.9 3.7 10.5 0.0 2.7 380.2 -1.4 3,827. 2015 1,319.8 1,675.7 1.2 0.0 0.0 1.2 411.6 8.9 10.8 0.0 3.7 417.3 -0.9 63,848. 2016 1,309.3 1,580.0 0.9 0.0 0.0 0.0 1.2 411.6 8.9 10.8 0.0 3.7 6417.3 -0.9 63,848. 2017 1,439.5 1,411.6 0.8 0.0 0.0 0.0 0.9 440.1 12.4 8.9 0.0 6.7 6,530.5 6.6 6,83,882. 2018 1,778.6 1,689.4 0.6 0.0 0.0 0.0 0.8 403.5 9.8 7.5 0.0 6,2 1 6,617.0 -19.1 7,3,890. 2019 982.8 1,828.8 0.5 0.0 0.0 0.0 0.5 431.2 13.1 6.4 0.0 38.8 743.6 -15.2 8,4030. 2020 866.7 1,773.4 0.5 0.0 0.0 0.0 0.5 6,39,51 6,400.0 1,73,809.9 -10.5 6,39,611. | 2010 | 1,553.9 | 1,3/5.3 | 1.2 | 5.4 6.4 | 0.0 (e) | 6.b 8.0 | | 12.3 | 5.1 | | 0.1 | 256.1 | (S) | 3,641.4 |
| 2013 1,575.5 1,455.1 1.0 1.3 0.0 2.4 400.4 4.6 8.1 0.0 1.5 342.3 2.3 3,787. 2014 1,558.3 1,462.0 1.2 0.0 0.0 1.2 410.9 3.7 10.5 0.0 2.7 380.2 1.4 8,382.7 2015 1,319.8 1,675.7 1.2 0.0 0.0 1.2 411.6 8.9 10.8 0.0 3.7 8417.3 0.9 8,3848. 2016 1,309.3 1,580.0 0.9 0.0 0.0 0.0 0.9 440.1 12.4 8.9 0.0 6.7 8530.5 6.6 83,882. 2017 1,439.5 1,411.6 0.8 0.0 0.0 0.0 0.8 403.5 9.8 7.5 0.0 82.1 8617.0 19.1 8617.0 19.1 8618.1 15.9 84,050. 2018 1,178.6 1,689.4 0.6 0.0 0.0 0.0 0.6 430.6 10.2 7.8 0.0 82.1 868.1 15.9 84,050. 2019 982.8 1,828.8 0.5 0.0 0.0 0.0 0.5 431.2 13.1 6.4 0.0 38.8 8743.6 15.2 84,030. 2020 866.7 1,773.4 0.5 0.0 0.0 0.0 0.5 8432.9 9.5 5.2 0.0 874.8 809.9 10.5 83,961.1 | 2012 | 1,478.7 | 1,550.5 | 1.4 | 0.7 | 0.2 | 2,2 | 402.8 | 5.6 | 8.5 | | 1.1 | | -0.8 | 3.755.2 |
| 2015 1,319.8 1,675.7 1.2 0.0 0.0 1.2 411.6 8.9 10.8 0.0 3.7 417.3 -0.9 3,848. 2016 1,309.3 1,580.0 0.9 0.0 0.0 0.0 0.9 440.1 12.4 8.9 0.0 6.7 850.5 6.6 8,882. 2017 1,439.5 1,411.6 0.8 0.0 0.0 0.8 403.5 9.8 7.5 0.0 82.1 8617.0 -19.1 8,389.0 2018 1,78.6 1,689.4 0.6 0.0 0.0 0.6 430.6 10.2 7.8 0.0 82.1 868.1 15.9 8,4050. 2019 982.8 1,828.8 0.5 0.0 0.0 0.5 431.2 13.1 6.4 0.0 3.8 8743.6 -15.2 8,4050. 2020 866.7 1,773.4 0.5 0.0 0.0 0.0 0.5 8432.9 9.5 5.2 0.0 874.8 809.9 -10.5 8,3961. | 2013 | 1,575.5 | 1.455.1 | 1.0 | 1.3 | 0.0 | 2.4 | 400.4 | 4.6 | 8.1 | 0.0 | 1.5 | 342.3 | -2.3 | 3,787.5 |
| 2017 1,439.5 1,411.6 0.8 0.0 0.0 0.8 403.5 9.8 7.5 0.0 \(^12.01\) \(^1617.0\) -19.1 \(^13,890.1) \(^18.01\) 2018 1,178.6 1,689.4 0.6 0.0 0.0 0.0 0.6 430.6 10.2 7.8 0.0 \(^12.01\) 2019 982.8 1,828.8 0.5 0.0 0.0 0.0 0.5 431.2 13.1 6.4 0.0 38.8 \(^1743.6\) -15.2 \(^174.30.1\) 2020 866.7 1,773.4 0.5 0.0 0.0 0.0 0.5 \(^143.2\) 9.5 5.2 0.0 \(^174.8\) 889.9 -10.5 \(^13,961.1\) | | 1,558.3 | 1,462.0 | 1.2 | | | 1.2 | | | | | 2.7 | 380.2 | -1.4 | H 3,827.8 |
| 2017 1,439.5 1,411.6 0.8 0.0 0.0 0.8 403.5 9.8 7.5 0.0 \(^12.01\) \(^1617.0\) -19.1 \(^13,890.1) \(^18.01\) 2018 1,178.6 1,689.4 0.6 0.0 0.0 0.0 0.6 430.6 10.2 7.8 0.0 \(^12.01\) 2019 982.8 1,828.8 0.5 0.0 0.0 0.0 0.5 431.2 13.1 6.4 0.0 38.8 \(^1743.6\) -15.2 \(^174.30.1\) 2020 866.7 1,773.4 0.5 0.0 0.0 0.0 0.5 \(^143.2\) 9.5 5.2 0.0 \(^174.8\) 889.9 -10.5 \(^13,961.1\) | | | 1,675.7 | 1.2 | | | 1.2 | | | 10.8 | | 3.7 | T 417.3 | -0.9 | 13,848.2 B 2 000 4 |
| 2018 1,178.6 1,689.4 0.6 0.0 0.0 0.6 430.6 10.2 7.8 0.0 29.1 688.1 15.9 4,050. 2019 982.8 1,828.8 0.5 0.0 0.0 0.5 431.2 13.1 6.4 0.0 38.8 743.6 -15.2 74,050. 2020 866.7 1,773.4 0.5 0.0 0.0 0.5 7432.9 9.5 5.2 0.0 74.8 7809.9 -10.5 73,050. | | | 1,580.0 | 0.9 0.9 | | | | | | | | R 20 1 | R 617 0 | -0.0 -10.1 | R 3,882.1 |
| 2019 982.8 1,828.8 0.5 0.0 0.0 0.5 431.2 13.1 6.4 0.0 38.8 743.6 -15.2 74,030. 2020 866.7 1,773.4 0.5 0.0 0.0 0.5 7432.9 9.5 5.2 0.0 74.8 7809.9 -10.5 73,961.4 | | | 1,689.4 | | | | | | | | | R 29.1 | R 688.1 | 15.9 | R 4.050.4 |
| 2020 866.7 1,773.4 0.5 0.0 0.0 0.5 H432.9 9.5 5.2 0.0 H74.8 H809.9 -10.5 H3,961.1 | 2019 | 982.8 | 1,828.8 | 0.5 | 0.0 | 0.0 | 0.5 | 431.2 | 13.1 | 6.4 | 0.0 | _ 38.8 | R 743.6 | -15.2 | H 4.030.1 |
| 2021 962.4 1,661.6 2.3 0.0 0.0 2.3 420.0 9.6 5.8 0.0 131.9 879.3 -8.3 4,063.0 | 2020 | | 1,773.4 | 0.5 | 0.0 | 0.0 | 0.5 | | 9.5 | 5.2 | | H 74.8 | H 809.9 | -10.5 | H 3,961.8 |
| | 2021 | 962.4 | 1,661.6 | 2.3 | 0.0 | 0.0 | 2.3 | 420.0 | 9.6 | 5.8 | 0.0 | 131.9 | 879.3 | -8.3 | 4,063.6 |

a Includes supplemental gaseous fuels that are commingled with natural gas.
 b Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.

Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.

d Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately

e Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources

beginning in 1989.

§ Solar thermal and photovoltaic energy.

h Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

i Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other

fossil fuels from which they are mostly derived, but should be counted only once in the total.

^{-- =} Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. The electric power sector consists of electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/