

Table ES1. Coal Production, 1949-2019

(short tons)

| Year | Rank | | | | Mining Method | | Location | | Total ¹ |
|------|------------------------------|--------------------|------------|-------------------------|---------------|----------------------|--|--|--------------------|
| | Bituminous Coal ¹ | Subbituminous Coal | Lignite | Anthracite ¹ | Underground | Surface ¹ | East of Mississippi River ¹ | West of Mississippi River ¹ | |
| 1949 | 437,868,000 | - | - | 42,702,000 | 358,854,000 | 121,716,000 | 444,199,000 | 36,371,000 | 480,570,000 |
| 1950 | 516,311,000 | - | - | 44,077,000 | 421,000,000 | 139,388,000 | 524,374,000 | 36,014,000 | 560,388,000 |
| 1951 | 533,665,000 | - | - | 42,670,000 | 442,184,000 | 134,151,000 | 541,703,000 | 34,632,000 | 576,335,000 |
| 1952 | 466,841,000 | - | - | 40,583,000 | 381,173,000 | 126,251,000 | 474,755,000 | 32,669,000 | 507,424,000 |
| 1953 | 457,290,000 | - | - | 30,949,000 | 367,444,000 | 120,795,000 | 457,652,000 | 30,587,000 | 488,239,000 |
| 1954 | 391,706,000 | - | - | 29,083,000 | 305,964,000 | 114,825,000 | 395,413,000 | 25,376,000 | 420,789,000 |
| 1955 | 464,633,000 | - | - | 26,205,000 | 357,964,000 | 132,874,000 | 464,218,000 | 26,620,000 | 490,838,000 |
| 1956 | 500,874,000 | - | - | 28,900,000 | 380,829,000 | 148,945,000 | 504,001,000 | 25,773,000 | 529,774,000 |
| 1957 | 492,704,000 | - | - | 25,338,000 | 373,565,000 | 144,477,000 | 493,377,000 | 24,665,000 | 518,042,000 |
| 1958 | 410,446,000 | - | - | 21,171,000 | 297,583,000 | 134,034,000 | 411,315,000 | 20,302,000 | 431,617,000 |
| 1959 | 412,028,000 | - | - | 20,649,000 | 292,849,000 | 139,828,000 | 412,351,000 | 20,326,000 | 432,677,000 |
| 1960 | 415,512,000 | - | - | 18,817,000 | 292,584,000 | 141,745,000 | 413,033,000 | 21,296,000 | 434,329,000 |
| 1961 | 402,977,000 | - | - | 17,446,000 | 279,551,000 | 140,872,000 | 398,642,000 | 21,781,000 | 420,423,000 |
| 1962 | 422,149,000 | - | - | 16,894,000 | 287,939,000 | 151,104,000 | 417,629,000 | 21,414,000 | 439,043,000 |
| 1963 | 458,928,000 | - | - | 18,267,000 | 308,971,000 | 168,224,000 | 453,485,000 | 23,710,000 | 477,195,000 |
| 1964 | 486,998,000 | - | - | 17,184,000 | 327,697,000 | 176,485,000 | 478,494,000 | 25,688,000 | 504,182,000 |
| 1965 | 512,088,000 | - | - | 14,866,000 | 337,958,000 | 188,996,000 | 499,529,000 | 27,425,000 | 526,954,000 |
| 1966 | 533,881,000 | - | - | 12,941,000 | 342,612,000 | 204,210,000 | 518,773,000 | 28,049,000 | 546,822,000 |
| 1967 | 552,626,000 | - | - | 12,256,000 | 352,391,000 | 212,491,000 | 535,973,000 | 28,909,000 | 564,882,000 |
| 1968 | 545,245,000 | - | - | 11,461,000 | 346,592,000 | 210,114,000 | 526,991,000 | 29,715,000 | 556,706,000 |
| 1969 | 547,172,000 | 8,321,000 | 5,012,000 | 10,473,000 | 349,238,000 | 221,740,000 | 537,677,000 | 33,301,000 | 570,978,000 |
| 1970 | 578,469,000 | 16,423,000 | 8,040,000 | 9,729,000 | 340,530,000 | 272,131,000 | 567,758,000 | 44,903,000 | 612,661,000 |
| 1971 | 521,344,000 | 22,151,000 | 8,697,000 | 8,727,000 | 277,175,000 | 283,744,000 | 509,925,000 | 50,994,000 | 560,919,000 |
| 1972 | 556,842,000 | 27,547,000 | 10,997,000 | 7,106,000 | 305,046,000 | 297,446,000 | 538,157,000 | 64,335,000 | 602,492,000 |
| 1973 | 543,532,000 | 33,933,000 | 14,273,000 | 6,830,000 | 300,080,000 | 298,488,000 | 522,131,000 | 76,437,000 | 598,568,000 |
| 1974 | 545,689,000 | 42,240,000 | 15,477,000 | 6,617,000 | 277,966,000 | 332,057,000 | 518,118,000 | 91,905,000 | 610,023,000 |
| 1975 | 577,522,000 | 51,099,000 | 19,817,000 | 6,203,000 | 293,467,000 | 361,174,000 | 543,707,000 | 110,934,000 | 654,641,000 |
| 1976 | 588,364,000 | 64,841,000 | 25,480,000 | 6,228,000 | 295,464,000 | 389,449,000 | 548,831,000 | 136,082,000 | 684,913,000 |
| 1977 | 580,991,000 | 82,115,000 | 28,238,000 | 5,861,000 | 266,591,000 | 430,614,000 | 533,267,000 | 163,938,000 | 697,205,000 |
| 1978 | 534,020,000 | 96,757,000 | 34,350,000 | 5,037,000 | 242,772,000 | 427,392,000 | 487,178,000 | 182,986,000 | 670,164,000 |
| 1979 | 612,279,000 | 121,475,000 | 42,545,000 | 4,835,000 | 320,891,000 | 460,243,000 | 559,704,000 | 221,430,000 | 781,134,000 |
| 1980 | 628,769,000 | 147,715,000 | 47,160,000 | 6,056,000 | 337,508,000 | 492,192,000 | 578,688,000 | 251,012,000 | 829,700,000 |
| 1981 | 607,986,000 | 159,693,000 | 50,673,000 | 5,423,000 | 316,496,000 | 507,279,000 | 553,862,000 | 269,914,000 | 823,775,000 |
| 1982 | 620,166,000 | 160,946,000 | 52,411,000 | 4,589,000 | 339,152,000 | 498,960,000 | 564,259,000 | 273,853,000 | 838,112,000 |
| 1983 | 568,609,000 | 151,044,000 | 58,349,000 | 4,089,000 | 300,379,000 | 481,713,000 | 507,395,000 | 274,696,000 | 782,091,000 |
| 1984 | 649,489,000 | 179,200,000 | 63,070,000 | 4,161,735 | 352,050,000 | 543,870,000 | 587,620,000 | 308,301,000 | 895,920,767 |
| 1985 | 613,851,000 | 192,657,000 | 72,422,000 | 4,708,375 | 350,800,000 | 532,838,000 | 558,730,000 | 324,908,000 | 883,638,117 |
| 1986 | 620,059,000 | 189,610,000 | 76,354,000 | 4,291,951 | 360,438,000 | 529,877,000 | 564,427,000 | 325,887,000 | 890,314,708 |
| 1987 | 636,609,000 | 200,165,000 | 78,427,000 | 3,560,459 | 372,874,000 | 545,888,000 | 581,929,000 | 336,833,000 | 918,762,162 |
| 1988 | 638,105,000 | 223,504,000 | 85,101,000 | 3,554,509 | 382,156,000 | 568,109,000 | 579,565,000 | 370,700,000 | 950,265,278 |
| 1989 | 659,771,000 | 231,171,000 | 86,439,000 | 3,347,996 | 393,835,000 | 586,893,000 | 599,015,000 | 381,714,000 | 980,728,790 |
| 1990 | 693,206,000 | 244,274,000 | 88,090,000 | 3,506,247 | 424,546,000 | 604,529,000 | 630,218,000 | 398,858,000 | 1,029,075,527 |
| 1991 | 650,700,000 | 255,325,000 | 86,514,000 | 3,445,080 | 407,225,000 | 588,759,000 | 591,294,000 | 404,690,000 | 995,983,881 |
| 1992 | 651,842,000 | 252,158,000 | 90,062,000 | 3,482,861 | 407,239,000 | 590,306,000 | 588,575,000 | 408,970,000 | 997,544,933 |
| 1993 | 576,652,000 | 274,901,000 | 89,549,000 | 4,322,263 | 351,053,000 | 594,371,000 | 516,219,000 | 429,205,000 | 945,424,286 |
| 1994 | 640,260,000 | 300,517,000 | 88,081,000 | 4,646,032 | 399,103,000 | 634,401,000 | 566,289,000 | 467,216,000 | 1,033,504,293 |
| 1995 | 613,764,679 | 327,997,855 | 86,499,740 | 4,711,498 | 396,249,022 | 636,724,750 | 544,245,706 | 488,728,066 | 1,032,973,772 |
| 1996 | 630,741,292 | 340,290,580 | 88,055,815 | 4,767,826 | 409,848,871 | 654,006,642 | 563,667,655 | 500,187,858 | 1,063,855,513 |
| 1997 | 653,827,506 | 345,071,099 | 86,341,244 | 4,691,939 | 420,657,474 | 669,274,314 | 579,369,281 | 510,562,507 | 1,089,931,788 |
| 1998 | 640,586,262 | 385,930,397 | 85,766,784 | 5,251,724 | 417,727,882 | 699,807,285 | 570,575,604 | 546,959,563 | 1,117,535,167 |
| 1999 | 601,731,551 | 406,714,233 | 87,217,912 | 4,767,752 | 391,789,870 | 708,641,558 | 529,594,228 | 570,837,200 | 1,100,431,428 |
| 2000 | 574,275,630 | 409,203,124 | 85,560,584 | 4,572,223 | 373,658,726 | 699,952,835 | 507,517,246 | 566,094,315 | 1,073,611,561 |
| 2001 | 611,291,051 | 434,414,339 | 80,043,399 | 1,940,017 | 380,626,833 | 747,061,973 | 528,777,761 | 598,911,045 | 1,127,688,806 |
| 2002 | 572,103,243 | 438,353,294 | 82,459,406 | 1,367,118 | 357,384,967 | 736,898,094 | 492,915,076 | 601,367,985 | 1,094,283,061 |
| 2003 | 541,475,747 | 442,618,093 | 86,366,464 | 1,292,269 | 352,784,686 | 718,967,887 | 469,246,727 | 602,505,846 | 1,071,752,573 |

| Year | Rank | | | | Mining Method | | Location | | Total ¹ |
|------|------------------------------|--------------------|------------|-------------------------|---------------|----------------------|--|--|--------------------|
| | Bituminous Coal ¹ | Subbituminous Coal | Lignite | Anthracite ¹ | Underground | Surface ¹ | East of Mississippi River ¹ | West of Mississippi River ¹ | |
| 2004 | 561,484,652 | 465,368,953 | 83,539,698 | 1,705,567 | 367,557,255 | 744,541,615 | 484,795,840 | 627,303,030 | 1,112,098,870 |
| 2005 | 571,177,133 | 474,675,461 | 83,941,728 | 1,703,777 | 368,611,500 | 762,886,599 | 493,801,042 | 637,697,057 | 1,131,498,099 |
| 2006 | 561,631,018 | 515,332,638 | 84,248,267 | 1,537,736 | 359,021,815 | 803,727,844 | 490,797,869 | 671,951,790 | 1,162,749,659 |
| 2007 | 542,757,594 | 523,724,347 | 78,584,915 | 1,568,489 | 351,789,934 | 794,845,411 | 478,161,383 | 668,473,962 | 1,146,635,345 |
| 2008 | 555,267,210 | 539,145,383 | 75,683,638 | 1,712,438 | 357,079,371 | 814,729,298 | 493,342,095 | 678,466,574 | 1,171,808,669 |
| 2009 | 504,101,778 | 496,421,871 | 72,478,549 | 1,921,194 | 332,061,582 | 742,861,810 | 449,593,554 | 625,329,838 | 1,074,923,392 |
| 2010 | 489,532,051 | 514,829,513 | 78,230,494 | 1,776,090 | 337,154,614 | 747,213,534 | 446,196,808 | 638,171,340 | 1,084,368,148 |
| 2011 | 525,995,943 | 486,295,739 | 81,101,129 | 2,234,725 | 345,605,509 | 750,022,027 | 456,446,210 | 639,181,326 | 1,095,627,536 |
| 2012 | 485,363,301 | 449,799,910 | 78,927,292 | 2,367,915 | 342,386,637 | 674,071,781 | 423,475,610 | 592,982,808 | 1,016,458,418 |
| 2013 | 471,182,631 | 434,287,168 | 77,228,703 | 2,143,277 | 341,684,553 | 643,157,226 | 407,340,833 | 577,500,946 | 984,841,779 |
| 2014 | 479,990,818 | 438,623,717 | 79,487,116 | 1,947,107 | 354,703,991 | 645,344,767 | 409,520,451 | 590,528,307 | 1,000,048,758 |
| 2015 | 404,426,770 | 419,514,932 | 70,857,085 | 2,141,776 | 306,821,302 | 590,119,261 | 348,977,735 | 547,962,828 | 896,940,563 |
| 2016 | 325,147,260 | 330,242,617 | 71,309,951 | 1,664,670 | 252,106,254 | 476,258,244 | 281,627,159 | 446,737,339 | 728,364,498 |
| 2017 | 353,519,714 | 351,502,385 | 67,674,760 | 1,912,498 | 273,128,860 | 501,480,497 | 304,429,935 | 470,179,422 | 774,609,357 |
| 2018 | 357,226,100 | 340,007,405 | 57,037,552 | 1,896,038 | 275,361,378 | 480,805,717 | 310,662,897 | 445,504,198 | 756,167,095 |
| 2019 | 338,954,766 | 311,551,673 | 53,191,887 | 2,610,937 | 267,372,934 | 438,936,329 | 296,045,637 | 410,263,626 | 706,309,263 |

¹ Beginning in 2001, includes a small amount of refuse recovery.

Notes: Totals may not equal sum of components because of independent rounding.

Web Page: For related information, see <http://www.eia.gov/coal/>.

Sources: 1949-1975 Bureau of Mines, Minerals Yearbook, 'Coal Bituminous and Lignite' and 'Coal Pennsylvania Anthracite' chapters. 1976 U.S. Energy Information Administration (EIA), Energy Data Reports, Coal Bituminous and Lignite in 1976 and Coal Pennsylvania Anthracite 1976. 1977 and 1978 EIA, Energy Data Reports, Bituminous Coal and Lignite Production and Mine Operations 1977. 1978, Coal Pennsylvania Anthracite 1977. 1978, and Coal Production, annual reports. 1979 and 1980 EIA, Energy Data Reports, Weekly Coal Report and Coal Production, annual reports. 1981-1988 EIA, Weekly Coal Production and Coal Production, annual reports. 1989-2000 EIA, Coal Industry Annual, annual reports. 2001-2010 EIA, Annual Coal Report, annual reports. 2011 EIA, Quarterly Coal Report October-December 2011 (April 2012), Table 1. EIA, Form EIA-7A, 'Coal Production Report'. and U.S. Department of Labor, Mine Safety and Health Administration, Form 7000-2, 'Quarterly Mine Employment and Coal Production Report'.