Coal Revenues 1997

Report on Coal Receipts from Federal and Indian Leases



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Report on Coal Receipts from Federal and Indian Leases

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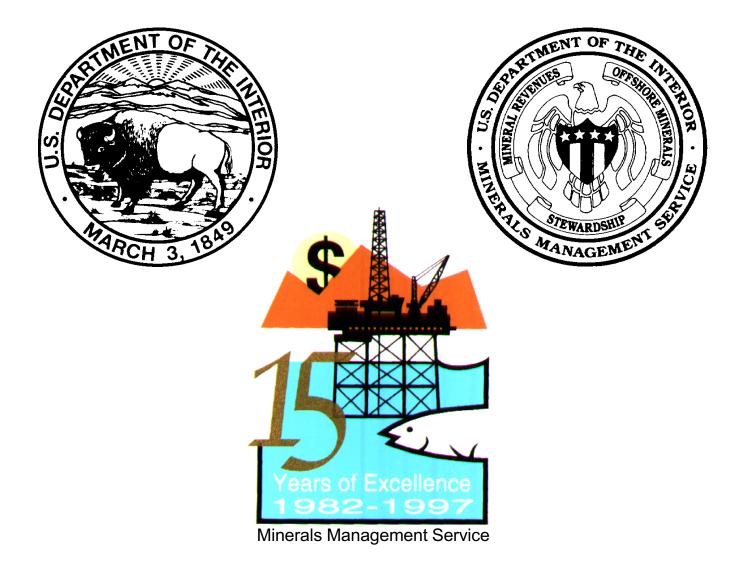
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About This Report

The Coal Revenues report provides information addressing royalty receipts from Federal and Indian mineral leases. The Minerals Management Service (MMS), Royalty Management Program, distributes the report annually to Congressional, Federal, State, Indian, and industry representatives. The narratives, figures, and tables address current year performance; however, 10 years of historical data are provided where appropriate as a service to our constituents.

Sales Volume, Sales Value, and Royalties

Sales volume represents the volume of a commodity reported sold during the year. Sales value represents the dollar value of the commodity reported sold during the year. Selected sales volume and sales value figures in this report have been adjusted to resolve distortions that may be created by communitization and unitization agreements, nonstandard leases and agreements, and prior-period adjustments. A royalty is due when production begins. Royalty payments represent a stated share or percentage of the value of the mineral produced.

Revenue Collections and Disbursements

Revenues collected from coal leases on Federal lands are distributed to States, to the U.S. Department of the Treasury, and to the Reclamation Fund. Formulas for these disbursements are governed by legislation and regulations. Since revenues collected in one month are disbursed in the following month, collection totals in a given year will not equal disbursement totals for the same year.

Public Domain Lands

The majority of Federal lands are in the public domain. Under section 35 of the Mineral Leasing Act of 1920, 30 U.S.C. 181, States other than Alaska receive 50 percent of all royalties, rents, and bonuses collected from any public domain leases located within their respective boundaries. Forty percent of remaining mineral revenues is deposited in the Reclamation Fund administered by the Bureau of Reclamation. The Reclamation Fund provides revenues to build, maintain, and operate water and associated power projects on arid and semiarid Western lands. The remaining 10 percent is directed into the General Fund of the Treasury through miscellaneous receipts.

Alaska receives 90 percent of all royalties, rents, and bonuses paid for mineral production on public domain leases in Alaska. The State also receives 50 percent of all royalties, rents, and bonuses generated from the National Petroleum Reserve Alaska (table 30).

Acquired Lands

The MMS collects all royalties, rents, and bonuses from leases issued under the Mineral Leasing Act for Acquired Lands of 1947, 30 U.S.C. 351 *et seq.*, on behalf of a number of Federal agencies. Revenues are disbursed according to laws applicable to the lands.

Indian Lands

The Bureau of Indian Affairs (BIA) collects bonuses and rents from nonproducing leases. Solid mineral royalties are paid directly to the applicable Tribes or to a designated BIA office.

Coal Revenues 1997

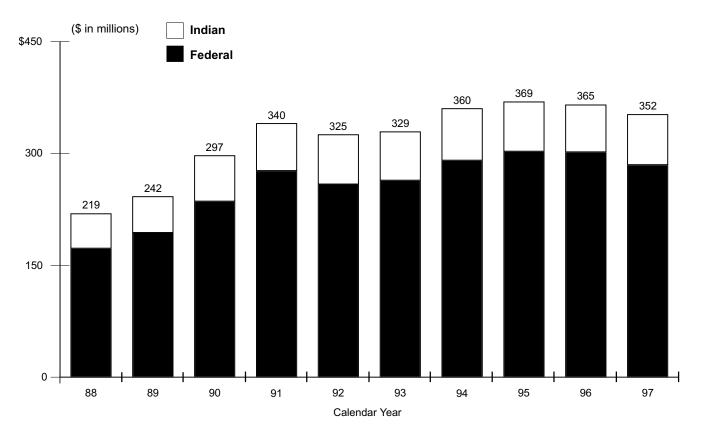
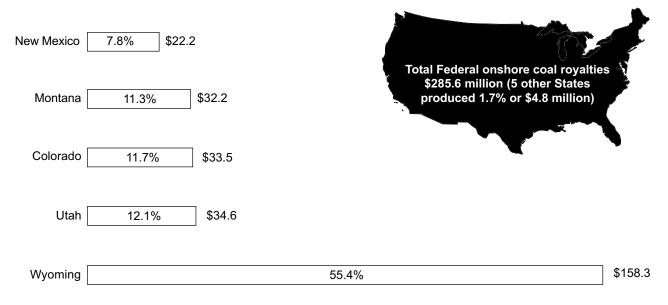
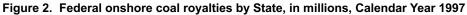


Figure 1. Revenues from Federal onshore and Indian leases by source, Calendar Years 1988-97





Coal Revenues 1997

U. S. coal production totaled 1,089 million short tons in 1997, an increase of 24.7 million short tons, or 2.3 percent compared to the corresponding period in 1996. Recent gains in mining productivity, however, have resulted in a downward trend for coal prices.

The electric utility sector, the largest consumer of coal in the United States, has recently increased its demand for low sulfur Western coal due to implementation of sulfur emission standards set by the Clean Air Act Amendments of 1990. Enforcement of Federal air quality legislation has aided western coal producers in expanding their market. For the first time in history, industry experts expect 1998 western region coal production to surpass the production of Appalachian coal.

Combined royalties from Federal onshore and Indian coal were down 3.5 percent in 1997, or \$12.7 million, when compared with the same period in 1996. Federal onshore coal royalties were down 5.4 percent, or \$16.3 million, in 1997 (table 1 and figure 1). The decline in Federal coal royalties is attributed to a drop

in coal sales volume and royalties in Wyoming. Wyoming coal royalties fell 10.4 percent, or \$18.4 million, during the year (table 1). Wyoming coal production was impacted by continual rail transport problems involving scheduling delays and railcar shortages that hampered shipments of coal getting to the marketplace. Those transportation problems are likely to persist into 1998.

Indian coal sales volume rose 22.7 percent while coal royalties increased only 5.7 percent, or \$3.6 million, in 1997 when compared to the same period in 1996 (table 1). The disparity between the increase in sales volume and royalties is due to the decline in coal prices as a result of recent gains in mining productivity. The increase occurred on Indian lands in Montana and New Mexico (table 1).

There were 164 producing coal leases on 421,060 acres on Federal and Indian lands at the end of 1997. These numbers represent a net increase of 24 leases on 29,520 acres over corresponding totals in 1996 (tables 2 and 3).

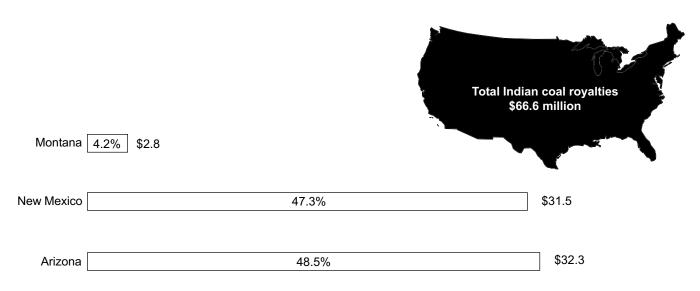


Figure 3. Indian coal royalties by State, in millions, Calendar Year 1997

| | 1920-87 | 1988 | 1989 | 1990 | 1991 | 1992 |
|--|--|--|--|--|---|--|
| Onshore | | | | | | |
| Alabama | | | | | | |
| Sales Volume | 1,815,993 \$ 12,156,630 | | 147,473 \$ 5,649,348 | 556,776 \$22,159,423 | 62,204 \$ 2,557,991 | 317,072 \$ 13,555,272 |
| Sales Value Royalties | \$ 12,156,630 \$ 542,509 | \$ \$ | \$ 5,649,348 \$ 395,580 | \$22,159,423 \$1,549,602 | \$ 2,557,991 \$ 213,649 | \$ 13,555,272 \$ 813,493 |
| Colorado | | | | | | |
| Sales Volume Sales Value Royalties | 143,842,670 \$2,366,177,404 \$ 125,948,994 | 8,992,859 \$183,596,741 \$12,146,642 | 10,583,253 \$215,324,252 \$ 16,103,220 | 19,705,001 \$449,787,755 \$37,925,085 | 20,982,289 \$404,839,793 \$41,113,763 | 12,741,936 \$378,510,873 \$30,744,661 |
| Kentucky | | | | | | |
| Sales Volume Sales Value Royalties | 2,994,873 \$ 26,007,368 \$ 1,007,063 | 238,423 \$ 6,023,729 \$ 484,153 | 142,121 \$ 3,262,187 \$ 268,962 | 124,650 \$ 3,124,887 \$ 258,737 | 166,538 \$ 4,529,508 \$ 184,432 | 407,074 \$ 10,536,059 \$ 781,241 |
| Montana | | | | | | |
| Sales Volume Sales Value Royalties | 226,242,346 \$2,337,035,350 \$ 123,865,414 | 20,626,026 \$297,352,200 \$ 35,591,525 | 23,695,342 \$270,581,091 \$26,544,365 | 27,245,871 \$309,093,161 \$29,154,703 | 25,648,160 \$ 300,736,843 \$ 35,584,991 | 23,992,585 \$274,694,506 \$34,095,502 |
| New Mexico | | | | | | |
| Sales Volume Sales Value Royalties | 61,180,639 \$ 905,473,471 \$ 81,136,657 | 3,372,358 \$ 85,091,413 \$ 10,999,760 | 6,207,133 \$153,466,999 \$18,992,458 | 6,562,018 \$ 183,376,050 \$ 21,997,591 | 3,505,140 \$ 112,802,351 \$ 14,088,167 | 3,810,064 \$109,031,081 \$13,628,931 |
| North Dakota | | | | | | |
| Sales Volume Sales Value Royalties | 56,271,993 \$ 309,717,854 \$ 27,212,565 | 5,171,486 \$ 42,476,935 \$ 4,905,510 | 4,954,981 \$ 41,603,674 \$ 3,646,461 | 5,535,560 \$ 49,701,309 \$ 4,742,167 | 6,415,502 \$ 51,290,391 \$ 5,757,355 | 6,300,575 \$ 45,817,186 \$ 2,870,833 |
| Oklahoma | | | | | | |
| Sales Volume Sales Value Royalties | 9,218,015 \$ 143,820,949 \$ 6,384,124 | 80,783 \$ 2,959,144 \$ 69,285 | 102,296 \$ 3,606,776 \$ 109,980 | 145,041 \$ 4,259,929 \$ 264,376 | 423,165 \$ 15,707,553 \$ 1,223,282 | 563,337 \$ 16,622,840 \$ 399,483 |
| Utah | | | | | | |
| Sales Volume Sales Value Royalties | 205,030,926 \$3,009,363,335 \$ 102,326,298 | 14,294,720 \$395,922,539 \$ 16,628,521 | 16,528,554 \$404,340,212 \$28,119,418 | 17,265,793 \$439,206,512 \$28,808,738 | 17,421,604 \$432,563,452 \$30,277,111 | 18,038,117 \$451,895,213 \$ 30,306,592 |
| Washington | | | | | | |
| Sales Volume Sales Value Royalties | 4,286,763 \$ 64,626,061 \$ 808,495 | 507,916 \$ 13,134,627 \$ 111,788 | 662,264 \$ 16,536,707 \$ 249,132 | 874,986 \$ 22,662,137 \$ 173,787 | 681,332 \$ 16,808,460 \$ 1,089,915 | 1,626,497 \$ 29,934,159 \$ 2,184,653 |

Table 1. Summary of coal sales volume, sales value, and royalties, by State, from Federal onshore and Indian mineral leases, Calendar Years 1920-97

| | 1920-97 | | 1997 | | 1996 | | 1995 | | 1994 | | 1993 |
|--------------|--------------|------|------------|---|------------------------|-----|-------------|-----|------------|------|------------|
| Onshor | | | | | | | | | | | |
| Alabama | | | | | | | | | | | |
| Sales Volume | 3,646,940 | | 183,813 | | 49,37 | | 38,375 | | 7,188 | | 468,669 |
| Sales Value | 94,059,894 | \$ | 8,658,593 | 5 | 2,314,737 | \$ | 1,535,007 | \$ | 329,671 | \$ | 25,143,222 |
| Royalties | 5,462,309 | \$ | 631,571 | ç | 169,544 | \$ | 144,547 | \$ | 17,799 | \$ | 984,015 |
| Colorado | | | | | | | | | | | |
| Sales Volume | 305,169,725 | | 22,264,286 | | 18,765,590 | | 18,916,944 | | 15,473,926 | | 12,900,971 |
| Sales Value | ,831,784,738 | \$5, | 53,164,797 | ç | 79,452,858 | \$3 | 349,725,830 | \$3 | 57,276,193 | \$3 | 93,928,242 |
| Royalties | 405,689,982 | \$ | 33,460,092 | ç | 28,560,925 | \$ | 24,612,602 | \$ | 30,730,514 | \$ 3 | 24,343,484 |
| Kentucky | | | | | | | | | | | |
| Sales Volume | 5,251,390 | | 506,389 | | 249,333 | | 215,391 | | 100,615 | | 105,983 |
| Sales Value | 82,952,392 | \$ | 12,765,063 | 9 | 5,998,568 | \$ | 5,164,667 | \$ | 2,708,834 | \$ | 2,831,522 |
| Royalties | 4,680,991 | \$ | 770,371 | 9 | 268,38 | \$ | 302,741 | \$ | 176,527 | \$ | 178,379 |
| Montana | | | | | | | | | | | |
| Sales Volume | 481,375,640 | | 24,501,632 | | 24,816,378 | | 28,038,058 | | 30,614,717 | ; | 25,954,525 |
| Sales Value | ,296,275,806 | \$5, | 60,189,439 | ç | 82,031,013 | \$2 | 314,577,643 | \$3 | 39,668,336 | \$3 | 10,316,224 |
| Royalties | 469,030,166 | \$ | 32,213,772 | Ş | 32,935,987 | \$ | 38,419,606 | \$ | 41,959,365 | \$ 4 | 38,664,936 |
| New Mexico | | | | | | | | | | | |
| Sales Volume | 113,836,765 | | 6,029,029 | | 5,861,99 ⁻ | | 6,242,364 | | 6,465,599 | | 4,600,430 |
| Sales Value | ,413,083,721 | \$2, | 82,388,571 | ç | 69,569,454 | \$1 | 83,915,920 | \$1 | 83,233,639 | \$18 | 44,734,772 |
| Royalties | 265,616,399 | \$ | 22,154,041 | 9 | 20,844,809 | \$ | 22,036,406 | \$ | 22,910,454 | \$ 2 | 16,827,125 |
| North Dakot | | | | | | | | | | | |
| Sales Volume | 95,696,562 | | 3,312,647 | | 1,835,184 | | 2,055,226 | | 1,695,918 | | 2,147,490 |
| Sales Value | 629,242,995 | \$ | 29,616,267 | ç | 15,376,728 | \$ | 16,457,010 | \$ | 11,162,857 | \$ | 16,022,784 |
| Royalties | 54,045,662 | \$ | 1,182,506 | 5 | 1,012,89 | \$ | 891,418 | \$ | 760,624 | \$ | 1,063,332 |
| Oklahoma | | | | | | | | | | | |
| Sales Volume | 13,927,991 | | 576,674 | | 769,297 | | 520,795 | | 1,050,832 | | 477,756 |
| Sales Value | 293,678,925 | \$ | 16,812,850 | 9 | 26,221,224 | \$ | 15,856,469 | \$ | 31,002,119 | \$ 3 | 16,809,072 |
| Royalties | 11,846,756 | \$ | 461,214 | 9 | 746,55 <i>°</i> | \$ | 645,440 | \$ | 1,011,297 | \$ | 531,724 |
| Utah | | | | | | | | | | | |
| Sales Volume | 403,442,408 | | 23,886,795 | | 26,403,884 | | 23,577,179 | | 22,138,833 | | 18,856,003 |
| Sales Value | ,725,031,192 | | 07,480,897 | | 82,264,498 | | 546,283,017 | | 86,256,622 | | 69,454,895 |
| Royalties | 413,267,631 | \$ | 34,635,367 | 9 | 39,456,175 | \$ | 37,691,167 | \$ | 33,993,292 | \$ 3 | 31,024,952 |
| Washington | | | | | | | | | | | |
| Sales Volume | 11,550,807 | | 947,003 | | 570,668 | | 426,643 | | 280,398 | | 686,337 |
| Sales Value | 236,977,842 | \$ | 24,122,456 | 5 | 16,946,52 ⁻ | \$ | 9,323,994 | \$ | 6,796,617 | \$ | 16,086,103 |
| | | | | | | | | | | | |

Table 1. Summary of coal sales volume, sales value, and royalties, by State, from Federal onshore and Indian mineral leases, Calendar Years 1920-97 (cont.)

Table 1. Summary of coal sales volume, sales value, and royalties, by State from Federal onshore and Indian mineral leases, Calendar Years 1920-97 (cont.)

| | 1920-87 | 1988 | 1989 | 1990 | 1991 | 1992 |
|--------------------------------|------------------|----------------------------------|-----------------|-----------------|----------------------------------|------------------|
| Onshore, con | ťd | | | | | |
| Wyoming | | | | | | |
| Sales Volume | 836,689,354 | 145,925,209 | 146,264,126 | 175,013,698 | 177,695,331 | 170,712,594 |
| Sales Value | \$ 8,527,169,242 | \$1,403,440,463 | \$1,586,288,562 | \$1,314,225,312 | \$1,278,358,963 | \$ 1,198,565,813 |
| Royalties | \$ 247,041,292 | \$ 91,858,561 | \$ 100,112,259 | \$ 111,192,225 | \$ 147,158,539 | \$ 143,718,541 |
| Onshore Total | I | | | | | |
| Sales Volume | 1,547,573,572 | 199,209,780 | 209,287,543 | 253,029,394 | 253,001,265 | 238,509,851 |
| Sales Value | \$17,701,547,664 | \$2,429,997,791 | \$2,700,659,808 | \$2,797,596,475 | \$2,620,195,305 | \$ 2,529,163,002 |
| Royalties | \$ 716,273,411 | \$ 172,795,745 | \$ 194,541,835 | \$ 236,067,011 | \$ 276,691,204 | \$ 259,543,930 |
| | 1937-87 | 1988 | 1989 | 1990 | 1991 | 1992 |
| Indian | | | | | | |
| Arizona | | | | | | |
| Sales Volume | 152,276,770 | 12,318,335 | 11,118,215 | 12,621,393 | 17,877,672 | 12,951,372 |
| Sales Value | \$ 1,709,640,860 | \$ 238,341,308 | \$ 226,502,328 | \$ 243,469,458 | \$ 284,020,527 | \$ 264,235,116 |
| Royalties | \$ 65,519,610 | \$ 21,739,989 | \$ 19,374,672 | \$ 29,236,716 | \$ 33,174,586 | \$ 33,054,116 |
| Montana | | | | | | |
| Sales Volume | 44,215,195 | 1,926,826 | 2,614,973 | 2,730,964 | 2,979,447 | 2,299,856 |
| Sales Value | \$ 363,896,035 | \$ 14,990,558 | \$ 18,855,032 | \$ 18,422,448 | \$ 18,395,721 | \$ 11,591,274 |
| Royalties | \$ 22,504,217 | \$ 1,126,593 | \$ 1,489,332 | \$ 1,499,932 | \$ 1,367,295 | \$ 1,175,285 |
| New Mexico | | | | | | |
| Sales Volume | 168,557,117 | 11,984,923 | 13,249,499 | 12,713,961 | 11,233,313 | 12,893,539 |
| Sales Value | \$ 1,652,311,753 | \$ 237,139,427 | \$ 253,595,409 | \$ 269,740,481 | \$ 241,543,336 | \$ 272,059,280 |
| Royalties | \$ 81,272,050 | \$ 23,825,185 | \$ 26,813,923 | \$ 30,054,848 | \$ 28,341,403 | \$ 31,689,497 |
| Indian Total | | | | | | |
| Sales Volume | 365,049,082 | 26,230,084 | 26,982,687 | 28,066,318 | 32,090,432 | 28,144,767 |
| Sales Value | \$ 3,725,848,648 | \$ 490,471,293 | \$ 498,952,769 | \$ 531,632,387 | \$ 543,959,584 | \$ 547,885,670 |
| Royalties | \$ 169,295,877 | \$ 46,691,767 | \$ 47,677,927 | \$ 60,791,496 | \$ 62,883,284 | \$ 65,918,898 |
| | 1920-87 | 1988 | 1989 | 1990 | 1991 | 1992 |
| | | | | | | |
| Federal and Ir Sales Volume | 1,912,622,654 | 225,439,864 | 236,270,230 | 281,095,712 | 285,091,697 | 266,654,618 |
| | \$21,427,396,312 | | \$3,199,612,577 | | \$3,164,154,889 | |
| Royalties | | \$2,920,409,004 \$219,487,512 | | | \$3,104,134,889 \$339,574,488 | \$ 325,462,828 |

Table 1. Summary of coal sales volume, sales value, and royalties, by State, from Federal onshore and Indian mineral leases, Calendar Years 1920-97 (cont.)

| 5,503 \$1,320,279,624 \$22,282,641,966 Sales Value 5,794 \$158,319,997 \$1,663,976,683 Royalties Onshore Tota 3,352 \$330,270,323 \$4,257,668,036 Sales Volume 3,352 \$330,270,323 \$4,257,668,036 Sales Volume 3,352 \$330,270,323 \$4,257,668,036 Sales Volume 1,104 \$2,815,478,557 \$44,885,729,471 Sales Value 4,902 \$285,552,110 \$3,302,467,793 Royalties 6 1997 1920-97 Indian 4,822 12,152,262 280,271,801 Sales Volume 4,822 12,152,262 280,271,801 Sales Volume 5,179 \$32,293,201 \$365,758,368 Royalties Montana 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$34,305,902 \$585,451,520 Sales Value | <pre>\$1,320,279,624 \$ \$ 158,319,997 \$ \$ 330,270,323 \$ \$2,815,478,557 \$ \$ 285,552,110 \$</pre> | 97 97 97 97 | \$1,450,325,503 \$176,655,794 \$328,188,352 \$2,930,501,104 | \$ \$ | 2,921,051,385 | \$ 1 \$ \$ \$ 2 | 159,208,542 292,519,736 ,852,064,465 | \$1 \$ \$ | 191,365,381 292,147,079 150,508,600 257,563,545 2,587,473,915 | \$ |
|---|--|-----------------|---|----------------------|--|--------------------------|--|-----------------|---|-----------|
| 5,650 \$ 248,062,055 \$ 2,823,769,808 Sales Volume 5,503 \$1,320,279,624 \$22,282,641,966 Sales Value 5,794 \$ 158,319,997 \$ 1,663,976,683 Royalties Onshore Tota 3,352 \$ 330,270,323 \$ 4,257,668,036 Sales Volume 1,104 \$2,815,478,557 \$ 44,885,729,471 Sales Value 4,902 \$ 285,552,110 \$ 3,302,467,793 Royalties 5 1997 1920-97 Indian 4,822 12,152,262 280,271,801 Sales Volume 4,822 12,152,262 280,271,801 Sales Value 6,179 \$ 32,293,201 \$ 365,758,368 Royalties Montana 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$ 34,305,902 \$ 585,451,520 Sales Value | <pre>\$1,320,279,624 \$ \$ 158,319,997 \$ \$ 330,270,323 \$ \$2,815,478,557 \$ \$ 285,552,110 \$</pre> | 97 97 97 97 | \$1,450,325,503 \$176,655,794 \$328,188,352 \$2,930,501,104 \$301,884,902 | \$ \$ \$ \$ | 1,478,211,828 178,202,333 348,514,675 2,921,051,385 | \$ 1 \$ \$ \$ 2 | ,433,629,577 159,208,542 292,519,736 ,852,064,465 | \$1 \$ \$ | ,292,147,079 150,508,600 257,563,545 | \$1 \$ |
| 5,650 \$ 248,062,055 \$ 2,823,769,808 Sales Volume 5,503 \$1,320,279,624 \$22,282,641,966 Sales Value 5,794 \$ 158,319,997 \$ 1,663,976,683 Royalties Onshore Tota 3,352 \$ 330,270,323 \$ 4,257,668,036 Sales Volume 1,104 \$2,815,478,557 \$ 44,885,729,471 Sales Value 4,902 \$ 285,552,110 \$ 3,302,467,793 Royalties 5 1997 1920-97 Indian 4,822 12,152,262 280,271,801 Sales Volume 4,822 12,152,262 280,271,801 Sales Value 6,179 \$ 32,293,201 \$ 365,758,368 Royalties Montana 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$ 34,305,902 \$ 585,451,520 Sales Value | <pre>\$1,320,279,624 \$ \$ 158,319,997 \$ \$ 330,270,323 \$ \$2,815,478,557 \$ \$ 285,552,110 \$</pre> | 97 97 97 97 | \$1,450,325,503 \$176,655,794 \$328,188,352 \$2,930,501,104 \$301,884,902 | \$ \$ \$ \$ | 1,478,211,828 178,202,333 348,514,675 2,921,051,385 | \$ 1 \$ \$ \$ 2 | ,433,629,577 159,208,542 292,519,736 ,852,064,465 | \$1 \$ \$ | ,292,147,079 150,508,600 257,563,545 | \$1 \$ |
| 5,503 \$1,320,279,624 \$22,282,641,966 Sales Value 5,794 \$158,319,997 \$1,663,976,683 Royalties Onshore Tota 3,352 \$330,270,323 \$4,257,668,036 Sales Volume 3,352 \$330,270,323 \$4,257,668,036 Sales Volume 1,104 \$2,815,478,557 \$44,885,729,471 Sales Value 4,902 \$285,552,110 \$3,302,467,793 Royalties 6 1997 1920-97 Indian 4,822 12,152,262 280,271,801 Sales Volume 4,822 12,152,262 280,271,801 Sales Volume 5,179 \$32,293,201 \$365,758,368 Royalties 1,254 6,093,862 79,661,962 Sales Volume 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$34,305,902 \$585,451,520 Sales Value | <pre>\$1,320,279,624 \$ \$ 158,319,997 \$ \$ 330,270,323 \$ \$2,815,478,557 \$ \$ 285,552,110 \$</pre> | 97 97 97 97 | \$1,450,325,503 \$176,655,794 \$328,188,352 \$2,930,501,104 \$301,884,902 | \$ \$ \$ \$ | 1,478,211,828 178,202,333 348,514,675 2,921,051,385 | \$ 1 \$ \$ \$ 2 | ,433,629,577 159,208,542 292,519,736 ,852,064,465 | \$1 \$ \$ | ,292,147,079 150,508,600 257,563,545 | \$1 \$ |
| 5,794 \$ 158,319,997 \$ 1,663,976,683 Royalties Onshore Tota 3,352 \$ 330,270,323 \$ 4,257,668,036 Sales Volume 1,104 \$2,815,478,557 \$44,885,729,471 Sales Value 4,902 \$ 285,552,110 \$ 3,302,467,793 Royalties 6 1997 1920-97 India 4,822 12,152,262 280,271,801 Sales Volume 4,525 \$ 267,106,711 \$ 4,293,240,039 Sales Volume 5,179 \$ 32,293,201 \$ 365,758,368 Royalties Montana 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$ 34,305,902 \$ 585,451,520 Sales Value | \$ 158,319,997 \$ \$ 330,270,323 \$ \$ 2,815,478,557 \$ \$ 285,552,110 \$ | \$ } | 5 176,655,794 5 328,188,352 5 328,188,352 5 301,501,104 5 301,884,902 | \$ \$ \$ | 178,202,333 348,514,675 2,921,051,385 | \$ \$ \$2 | 159,208,542 292,519,736 ,852,064,465 | \$ \$ | 150,508,600 257,563,545 | \$ |
| Onshore Tota 3,352 \$ 330,270,323 \$ 4,257,668,036 Sales Volume 1,104 \$2,815,478,557 \$44,885,729,471 Sales Value 4,902 \$ 285,552,110 \$ 3,302,467,793 Royalties 6 1997 1920-97 Indian 6 1997 1920-97 Indian 4,822 12,152,262 280,271,801 Sales Volume 4,525 \$ 267,106,711 \$ 4,293,240,039 Sales Volume 5,179 \$ 32,293,201 \$ 365,758,368 Royalties Montana 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$ 34,305,902 \$ 585,451,520 Sales Value | \$ 330,270,323 \$ \$2,815,478,557 \$ \$ 285,552,110 \$ | \$ | 5 328,188,352 52,930,501,104 5 301,884,902 | \$ | 348,514,675 2,921,051,385 | \$ \$2 | 292,519,736 ,852,064,465 | \$ | 257,563,545 | |
| 3,352 \$ 330,270,323 \$ 4,257,668,036 Sales Volume 1,104 \$2,815,478,557 \$44,885,729,471 Sales Value 4,902 \$ 285,552,110 \$ 3,302,467,793 Royalties 5 1997 1920-97 Indian 4,822 12,152,262 280,271,801 Sales Volume 4,525 \$ 267,106,711 \$ 4,293,240,039 Sales Volume 5,179 \$ 32,293,201 \$ 365,758,368 Royalties 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$ 34,305,902 \$ 585,451,520 Sales Volume | \$2,815,478,557 \$ \$ 285,552,110 \$ | \$ | 62,930,501,104 6 301,884,902 | \$ | 2,921,051,385 | \$2 | ,852,064,465 | | , , | |
| 1,104 \$2,815,478,557 \$44,885,729,471 Sales Value 4,902 \$ 285,552,110 \$ 3,302,467,793 Royalties <u>6 1997 1920-97</u> India 4,822 12,152,262 280,271,801 Sales Volume 4,525 \$ 267,106,711 \$ 4,293,240,039 Sales Volume 5,179 \$ 32,293,201 \$ 365,758,368 Royalties Montana 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$ 34,305,902 \$ 585,451,520 Sales Value | \$2,815,478,557 \$ \$ 285,552,110 \$ | \$ | 62,930,501,104 6 301,884,902 | \$ | 2,921,051,385 | \$2 | ,852,064,465 | | , , | |
| 4,902 \$ 285,552,110 \$ 3,302,467,793 Royalties <u>6 1997 1920-97</u> India 4,822 12,152,262 280,271,801 Sales Volume 4,525 \$ 267,106,711 \$ 4,293,240,039 Sales Value 5,179 \$ 32,293,201 \$ 365,758,368 Royalties Montana 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$ 34,305,902 \$ 585,451,520 Sales Value | \$ 285,552,110 \$ | | 301,884,902 | | | | | \$2 | 587 473 915 | \$ |
| 5 1997 1920-97 India Arizona 4,822 12,152,262 280,271,801 Sales Volume 4,525 \$ 267,106,711 4,293,240,039 Sales Value 5,179 \$ 32,293,201 \$ 365,758,368 Royalties Montana 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$ 34,305,902 \$ 585,451,520 Sales Value | | \$ | | \$ | 303,604,904 | \$ | | | ,001,110,010 | \$2 |
| India Arizona 4,822 12,152,262 280,271,801 Sales Volume 4,525 \$ 267,106,711 \$ 4,293,240,039 Sales Value 5,179 \$ 32,293,201 \$ 365,758,368 Royalties Montana 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$ 34,305,902 \$ 585,451,520 Sales Value | 1997 | | 1996 | | | | 291,270,611 | \$ | 264,242,130 | \$ |
| India: Arizona 4,822 12,152,262 280,271,801 Sales Volume 4,525 \$ 267,106,711 \$ 4,293,240,039 Sales Value 5,179 \$ 32,293,201 \$ 365,758,368 Royalties Montana 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$ 34,305,902 \$ 585,451,520 Sales Value | 1997 | | 1996 | | | | | | | |
| A,822 12,152,262 280,271,801 Sales Volume 4,825 \$ 267,106,711 \$ 4,293,240,039 Sales Value 6,179 \$ 32,293,201 \$ 365,758,368 Royalties Montana 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$ 34,305,902 \$ 585,451,520 Sales Value | | | | | 1995 | | 1994 | | 1993 | |
| 4,822 12,152,262 280,271,801 Sales Volume 4,525 \$ 267,106,711 \$ 4,293,240,039 Sales Value 6,179 \$ 32,293,201 \$ 365,758,368 Royalties Montana 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$ 34,305,902 \$ 585,451,520 Sales Value | | | | | | | | | | |
| 4,822 12,152,262 280,271,801 Sales Volume 4,525 \$ 267,106,711 \$ 4,293,240,039 Sales Value 6,179 \$ 32,293,201 \$ 365,758,368 Royalties Montana 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$ 34,305,902 \$ 585,451,520 Sales Value | | | | | | | | | | |
| 4,525 \$ 267,106,711 \$ 4,293,240,039 Sales Value 5,179 \$ 32,293,201 \$ 365,758,368 Royalties Montana 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$ 34,305,902 \$ 585,451,520 Sales Value | 12 152 262 | | 12,184,822 | | 12,249,420 | | 12,263,813 | | 12,257,727 | |
| 5,179 \$ 32,293,201 \$ 365,758,368 Royalties Montana 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$ 34,305,902 \$ 585,451,520 Sales Value | | | | \$ | 258,409,920 | \$ | 262,693,707 | \$ | 264,025,579 | \$ |
| 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$ 34,305,902 \$ 585,451,520 Sales Value | | | | | 32,301,238 | | 32,838,562 | \$ | 32,999,499 | \$ |
| 1,254 6,093,862 79,661,962 Sales Volume 4,017 \$ 34,305,902 \$ 585,451,520 Sales Value | | | | | | | | | | |
| 4,017 \$ 34,305,902 \$ 585,451,520 Sales Value | 6 002 962 | | 4,681,254 | | 4,468,127 | | 4,133,947 | | 3,517,511 | |
| | | | | \$ | 4,408,127 25,943,606 | \$ | 23,726,452 | \$ | 28,040,475 | \$ |
| 2,700,701,00,701,00,000,000,700,000 | | | | | 2,037,249 | | 1,979,487 | Ψ \$ | 1,785,621 | Ψ \$ |
| | φ 2,100,101 φ | 4 | 2,100,000 | Ψ | 2,001,210 | Ψ | 1,010,101 | Ψ | 1,100,021 | Ψ |
| New Mexico | | | | | | | | | | |
| 3,892 14,037,282 290,595,993 Sales Volume | 14,037,282 | | 9,438,892 | | 11,647,591 | | 12,523,652 | | 12,316,224 | |
| 1,160 \$ 245,901,054 \$ 4,160,875,985 Sales Value | \$ 245,901,054 \$ | \$ | 5 219,211,160 | \$ | 247,836,433 | \$ | 271,684,975 | \$ | 249,852,677 | \$ |
| 7,824 \$ 31,543,282 \$ 376,640,938 Royalties | \$ 31,543,282 \$ | \$ | 5 27,697,824 | \$ | 31,351,861 | \$ | 34,086,364 | \$ | 29,964,701 | \$ |
| Indian Tota | | | | | | | | | | |
| 4,968 32,283,406 650,529,756 Sales Volume | 32,283,406 | | 26,304,968 | | 28,365,138 | | 28,921,412 | | 28,091,462 | |
| 9,702 \$ 547,313,667 \$ 9,039,567,544 Sales Value | | | | \$ | | \$ | | \$ | | \$ |
| 3,871 \$ 66,626,634 \$ 782,294,336 Royalties | | | | | | | 68,904,413 | | | \$ |
| | | | | | | | | | | |
| 6 1997 1920-97 | 1997 | | 1996 | | 1995 | | 1994 | | 1993 | |
| Federal and Indian Tele | | | | | | | | | | |
| Federal and Indian Tota | | | 054 400 000 | | 070 070 040 | | 004 444 440 | | 005 0FF 007 | |
| | | | 354,493,320 | ¢ | 376,879,813 | ¢ | 321,441,148 | ¢ | 285,655,007 | ¢ |
| | 362,553,729 | | \$3,451,790,806\$364,948,773 | | ა,4ეა,∠4⊺,344 | ৯ ১ | ,410,109,599 | \$3 \$ | 0,129,392,040 | - T 1 |

| | Fe | ederal | | ndian | Total | | |
|--------------|-----|---------|-----|---------|-------|----------------|--|
| | No. | Acres | No. | Acres | No. | Acres | |
| Alabama | 1 | 1,610 | | | 1 | 1,610 | |
| Arizona | | | 3 | 64,858 | 3 | 64,858 | |
| Colorado | 35 | 58,248 | 0 | | 35 | 58,248 | |
| Kentucky | 3 | 2,413 | 0 | | 3 | 2,413 | |
| Montana | 12 | 26,996 | 1 | 14,746 | 13 | 41,742 | |
| New Mexico | 7 | 11,773 | 2 | 36,026 | 9 | 47,799 | |
| North Dakota | 4 | 5,735 | | | 4 | 5,735 | |
| Oklahoma | 5 | 8,193 | | | 5 | 8,193 | |
| Utah | 43 | 60,585 | | | 43 | 60,585 | |
| Washington | 1 | 241 | | | 1 | 241 | |
| Wyoming | 47 | 129,636 | | | 47 | <u>129,636</u> | |
| Total | 158 | 305,430 | 6 | 115,630 | 164 | 421,060 | |

Table 2. Producing Federal onshore and Indian coal leases as of December 31, 1997

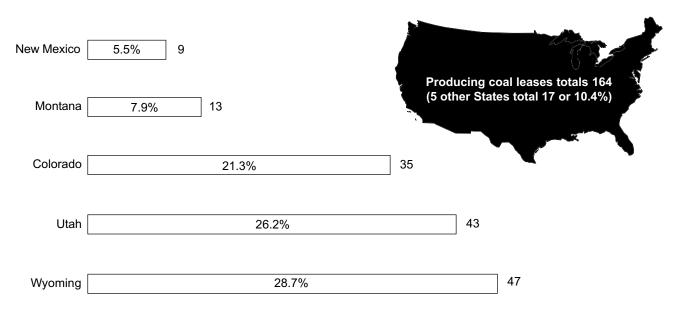


Figure 4. Producing Federal onshore and Indian coal leases as of December 31, 1997

| | Fe | ederal | | ndian | Total | | |
|------|-----|---------|-----|---------|-------|---------|--|
| | No. | Acres | No. | Acres | No. | Acres | |
| 1988 | 119 | 224,579 | 7 | 155,918 | 126 | 380,497 | |
| 1989 | 126 | 235,975 | 8 | 156,141 | 134 | 392,116 | |
| 1990 | 128 | 255,586 | 6 | 115,630 | 134 | 371,216 | |
| 1991 | 134 | 273,408 | 6 | 113,194 | 140 | 386,602 | |
| 1992 | 138 | 279,785 | 6 | 123,998 | 144 | 403,783 | |
| 1993 | 133 | 268,030 | 6 | 123,998 | 139 | 392,028 | |
| 1994 | 136 | 276,650 | 6 | 123,517 | 142 | 400,167 | |
| 1995 | 142 | 294,568 | 6 | 123,517 | 148 | 418,085 | |
| 1996 | 134 | 275,910 | 6 | 115,630 | 140 | 391,540 | |
| 1997 | 158 | 305,430 | 6 | 115,630 | 164 | 421,060 | |

Table 3. Producing Federal onshore and Indian coal leases as of December 31, 1988-97

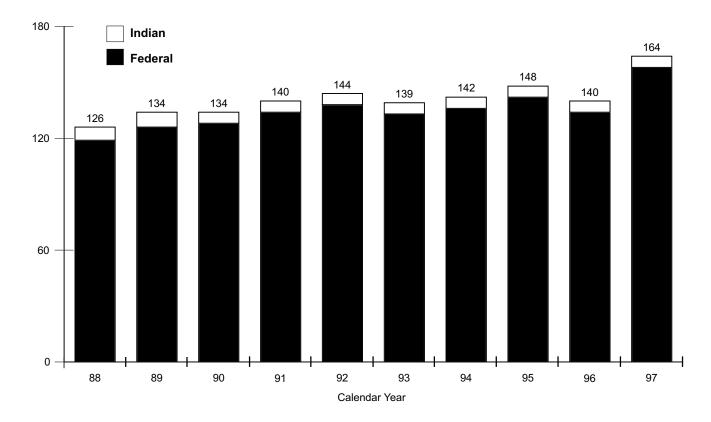


Figure 5. Producing Federal onshore and Indian leases by source, Calendar Years 1988-97

Table 4. General Federal onshore and Indian coal lease terms

Coal Leases on Federal Lands: Leases Issued Through August 4, 1976

| Customary Royalty Rate | \$0.15 per ton underground and \$0.175 per ton surface mines. | | | | | | |
|--|--|--|--|--|--|--|--|
| Annual Rent and Other Fees | Rent \$1 per acre credited against royalty payments for the lease year. Minimum royalty: per lease terms. | | | | | | |
| Duration of Lease Size of Lease | Indefinite period with 20-year readjustments. Not more than 46,080 acres in one state and not more than 100,000 acres in the United States for one or more leases. | | | | | | |
| Bonding Requirements | Nonproducing leases: \$5,000 or amount equal to annual rent rounded to \$1,000, whichever is greater. Producing leases: 3 months' production royalty. | | | | | | |
| Coal Leases on Federal Lands: Leases Issued or Readjusted After August 4, 1976 | | | | | | | |
| Customary Royalty Rate | Readjusted and new leases: 8% of value of production for underground mines and 12 1/2% of value of production for surface mines. | | | | | | |
| Annual Rent and Other Fees | Rent \$3 per acre not credited against royalty payments. Lease filing fee: \$250. Transfer fee: \$50. | | | | | | |
| Duration of Lease | 20 years; continued if producing in commercial quantities, subject to readjustment every 10 years. | | | | | | |
| Size of Lease | No more than 46,080 acres in one state and no more than 100,000 total acres in the United States. | | | | | | |
| Bonding Requirements | Nonproducing leases: \$5,000 or amount equal to annual rent rounded to \$1,000, whichever is greater. Producing leases: 3 months' production royalty. | | | | | | |
| Coal Leases on Indian Lands | | | | | | | |
| Customary Royalty Rate | Varies according to lease terms and amendments. | | | | | | |
| Annual Rent and Other Fees | Rent varies. Average rent \$2 per acre. Advance royalty varies. | | | | | | |
| Duration of Lease | Varies by lease terms. | | | | | | |
| Size of Lease | Varies. | | | | | | |
| Bonding Requirements | Lease: \$500 to \$2,000 depending on acreage. State: \$75,000 depending on acreage. Nationwide: \$75,000 or determined by the Secretary. | | | | | | |

Glossary

Acquired lands — Lands in Federal ownership that the Government obtained by deed through purchase, gift, exchange, or condemnation proceedings.

Allowance — An allowable deduction from value for royalty purposes.

BIA — Bureau of Indian Affairs. A Federal agency within the Department of the Interior responsible for facilitating the full development of the human and natural resource potential of Indian and Alaskan Native people to manage their own affairs under a trust relationship with the Federal Government.

Bonus — The cash consideration paid to the United States by the successful bidder for a mineral lease. The payment is made in addition to the rent and royalty obligations specified in the lease.

Bureau of Land Management — A Federal agency within the Department of the Interior that administers public lands and natural resources. Bureau of Land Management programs provide for the protection, orderly development, and use of public lands and resources under principles of multiple use and sustained yield.

Competitive leasing — The Federal Government issues leases on Federal onshore lands where there are known mineral deposits, or where inference of probable mineralization may be derived from knowledge of the geology of the The lands are offered for lease by land. competitive bidding following publication of the offer of the lands for lease. The lease is issued to the highest bidder at a sale by public auction. The Federal Government offers leases of certain Outer Continental Shelf tracts by competitive The bids are received, announced, sealed bid. and recorded, and the lease is generally issued to the highest bidder. See Noncompetitive leasing.

Department of the Interior — A Cabinet-level department in the Executive Branch of the Federal Government, responsible for the administration of most of the nationally owned public lands and natural resources. The Department of the Interior is further responsible for American Indian reservation communities and for individuals who live in Island Territories under U.S. administration.

Effective date — The date a lease or assignment becomes effective. The effective date for a lease is the first day of the month after the issue date or, upon applicant request, the first day of the month of issuance. The effective date for an assignment is the first day of the month after proper filing of all required documents

Explanation of payment reports — A series of reports produced by the Minerals Management Service Royalty Management Program, mailed twice each month to Indian Tribes and once each month to States. The reports for Indian allottees are produced and distributed twice each month by the Bureau of Indian Affairs with information supplied by the Royalty Management Program. The reports address the source and nature of mineral revenue disbursements.

Federal land — All land and interests in land owned by the Federal Government, including Outer Continental Shelf, public domain, acquired, and military lands.

FY — Fiscal Year. A period of time used for accounting purposes. The Federal Government recognizes a fiscal year that begins October 1 of one year and ends September 30 of the following year.

Indian allotment — An allocation of a parcel of public lands or Indian reservation lands to an Indian for individual use. Revenue from mineral production from leases on Indian allotments is paid to the individual Indian allottee. See **Indian allottee**.

Indian allottee — Any Indian who holds title to land or an interest in land subject to Federal restrictions against alienation. See **Indian allotment**.

Indian land — Lands owned by Indians, including either Tribal lands held in trust by the United States or subject to Federal restrictions against alienation, or allotted land owned by an individual Indian with Federal restrictions against alienation. The Bureau of Indian Affairs monitors Indian leases.

Lease — A legal document executed between a landowner, as lessor, and a company or individual, as lessee, that conveys the right to exploit the premises for minerals or other products for a specified period of time over a given area.

Mineral — Naturally occurring organic or inorganic substances with characteristics and uses that bring them within the purview of mineral laws. Minerals may be obtained under applicable laws from public lands by purchase, lease, or preemptive entry.

Mineral Leasing Act for Acquired Lands of 1947, as amended, 30 U.S.C. 351 *et seq.* — An act that extends mineral leasing laws, including the Mineral Leasing Act of 1920 and subsequent amendments, to all lands acquired by the United States and authorizes mineral leasing on those lands. Mineral leases on acquired lands cannot be issued without the concurrence of the acquiring agency. The act requires disbursement of mineral receipts from acquired lands in the manner prescribed by legislation governing the type of land in question, including acquired national grasslands, and acquired national forest lands. See MLA.

Minimum royalty — An annual payment on a peracre basis, required to maintain the rights to a lease until production exceeds a minimum value. Once annual production exceeds the minimum value, minimum royalty payments are no longer required in that lease year.

MLA — Mineral Leasing Act of 1920, as amended, 30 U.S.C. 181 *et seq*. An act, with subsequent amendments, that promotes the production of coal, gas, oil, oil shale, phosphate, potassium, and sodium

on Federal public domain lands. The act establishes procedures to explore and develop each of these minerals and specifies terms and conditions for issuing permits and leases. Rental and royalty terms are specified for each mineral, and general conditions are established for pipeline right-of-way, lease diligence, royalty disposition, and holding restrictions. The act requires sharing royalty and other lease revenues with the States. The Secretary of the Interior is authorized to promulgate rules and regulations to implement and enforce the act.

MMS — Minerals Management Service. A Federal agency within the Department of the Interior that administers the Offshore Minerals Management Program and the Royalty Management Program is responsible for the Outer Continental Shelf leasing program and for ensuring that exploration and production of the Nation's offshore mineral resources is conducted in a safe manner with concern for the environment. The Royalty Management Program is responsible for the accurate and timely determination, collection, and distribution of royalties from Federal and Indian lands, and bonuses and rents from Federal lands.

Noncompetitive leasing — Leases issued to qualified applicants for land not specifically known or presumed to contain mineral or petroleum deposits in quantity. See **Competitive leasing**.

Operator — The individual, partnership, firm, or corporation having control or management of operations on a leased area or portion thereof. The operator may be the lessee, designated agent of the lessee, a holder of rights under an approved operation agreement, or an agent of an operating rights holder.

Public lands — Any land and interest in land owned by the United States and administered by the Secretary of the Interior through the Bureau of Land Management and the Minerals Management Service, without regard to the manner through which the United States acquired ownership, except (1) lands located on the Outer Continental Shelf, and (2) lands held for the benefit of Indians, Aleuts, and Eskimos. The Bureau of Land Management considers acquired lands to be a category of public lands. The Minerals Management Service distinguishes public domain lands from acquired lands for purposes of various statutory revenue distributions. See Acquired lands.

Rent — Periodic payments made by the holder of a lease, during the primary lease term, for the right to use the land or resources for purposes established in the lease.

Report month — The month in which the Minerals Management Service receives production, sales, or royalty reports from operators and lessees.

Royalty — Payment, in value (money) or in kind (a volume of the commodity), of a stated proportionate interest in production from mineral deposits by the lessees to the lessor. The royalty rate may be an established minimum, a step-scale, or a slidingscale. A step-scale royalty rate increases by steps as the average production on the lease increases. A sliding-scale royalty rate is based on average production and applies to all production from the lease.

Sales value — Proceeds received for the sale of a mineral.

Sales volume — The volume of mineral production measured at the royalty settlement point determined by the Bureau of Land Management for onshore production and the Minerals Management Service for offshore production.

Treasury — Department of the Treasury. A Cabinetlevel department in the Executive Branch of the Federal Government responsible for the financial resources of the United States. The Treasury is responsible for regulating national banks, determining international economic policy, collecting income taxes and customs duties, reporting Government daily financial transactions, and manufacturing coins and bills for circulation.



As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering sound use of our land and water resources; protecting our fish, wildlife, and biological diversity; preserving the environmental and cultural values of our national parks and historical places; and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people by encouraging stew ardship and citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.



As a bureau of the Department of the Interior, the Minerals Management Service's (MMS) primary responsibilities are to manage the mineral resources located on the Nation's Outer Continental Shelf (CCS), collect revenue from the Federal OCS and onshore Federal and Indian lands, and distribute those revenues.

Moreover, inworking to meet its responsibilities, the **Offshore Minerals Management Program** administers the OCS competitive leasing program and oversees the safe and environmentally sound exploration and production of our Nation's offshore natural gas, oil and other mineral resources. The MMS **Royalty Management Program** meets its responsibilities by ensuring the efficient, timely and accurate collection and disbursement of revenue from mineral leasing and production due to Indian tribes and allottees, States and the U.S.Treasury.

The MMS strives to fulfill its responsibilities through the general guiding principles of: (1) being responsive to the public's concerns and interests by maintaining a dialogue with all potentially affected parties and (2) carrying out its programs with an emphasis on working to enhance the quality of lifefor all Americans by lending MMS assistance and expertise to economic development and environmental protection.