# Statistical Highlights Fiscal Year 1999

# **Royalty Management Program**



**Photo courtesy of Basin Electric** 

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# Fiscal Year 1999

**Royalty Management Program** 

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#### **Products and Units of Measurement**

Product	Unit of Measurement
Amethyst	Grams
Carbon Dioxide	Mcf (thousand cubic feet)
Coal	Short tons (2,000 pounds)
Copper	Short tons
Garnet Concession	Tickets
Gas	Mcf
Gas Plant Products	Gallons
Geothermal and Heated Water Sources	Millions of British thermal units (MBtu's)
Helium	Mcf
Nitrogen	Mcf
Oil	Barrels (42 U.S. gallons)
Phosphate	Short tons
Potash	Short tons
Quartz Crystals	Pounds
Sand and Gravel	Cubic yards or short tons
Sodium	Short tons
Sulfur	Short tons
All Other Solid Minerals	Short tons

NOTE: Sulfur is reported as either a fluid or solid mineral based on the method of extraction. Fluid mineral sulfur is produced by extracting the commodity from the oil and gas stream. All onshore sulfur and a limited amount of offshore sulfur are currently produced from the oil and gas stream. Solid mineral sulfur is extracted using the Frasch solution mining method. The majority of offshore sulfur is produced using the Frasch mining method.

Sodium figures include sodium borate compounds.

#### **About This Report**

Statistical Highlights provides information addressing Federal and American Indian mineral revenue disbursements, revenue collections, underpayment detection program receipts, lease numbers, lease acreage, and program operations in Fiscal Year (FY) 1999. The Minerals Management Service (MMS) Royalty Management Program (RMP) distributes the report annually to Congressional, Federal, State, American Indian, and industry representatives.

Some information in this report necessarily includes estimated data that may change after publication. Numbers in parentheses may include current year collections, credits, and prior-year adjustments.

#### Mineral Lease Revenues

The report addresses four types of mineral lease revenues: bonuses, rents, minimum royalties, and royalties.

- Bonuses Leases issued in areas known or believed to contain minerals are awarded through a competitive bidding process. Bonuses represent the cash amount successfully bid to win the rights to a lease.
- Rents A rent schedule is established at the time
  a lease is issued. Rents are annual payments,
  normally a fixed dollar amount per acre, required to
  preserve the rights to a lease.
- Minimum Royalties A Federal lease may further contain a minimum royalty provision.
   Minimum royalty is the annual payment, on a per acre 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 cease.

Minimum royalties are included under the entry "Other Revenues" in this report. "Other Revenues" also includes settlement payments, gas storage fees, estimated payments, recoupments, and fees for sand and gravel used for beach restoration.

Royalties — A royalty is due when production begins. Royalty payments represent a stated share or percentage of the value of the mineral produced. The royalty may be an established minimum, a step-scale, or a sliding-scale. 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.

#### Revenue Collections and Disbursements

Revenues collected from mineral leases on Federal lands are distributed to States, to the U.S. Department of the Treasury (Treasury), and to a number of designated special-purpose accounts administered by Federal agencies, depending on the land category and the applicable law involved. The Bureau of Indian Affairs (BIA) disburses revenues collected from American Indian leases to the appropriate American Indian Tribes and allotted tract mineral owners.

Royalty payments are generally due on the last day of the month following the month of production, unless that day falls on a weekend or holiday. Payments are then due on the first business day of the following month. 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.

Since 1983, MMS has generally disbursed mineral revenues derived from leases on public domain lands and shared with the States in the month following receipt of the payment. Disbursements are made under the provisions of section 104 of the Federal Oil and Gas Royalty Management Act of 1982 (FOGRMA) which amended the revenue disbursement provisions of the Mineral Leasing Act of 1920 (MLA), 30 U.S.C. 191. The MMS deposits American Indian revenues in accounts administered by the Office of Trust Funds Management (OTFM) where they are invested and subsequently distributed to American Indian Tribes and individual Indian lessors by BIA.

The MMS administers mineral leases from different land categories. Legislation and regulations govern formulas for the disbursement of revenues from these leases.

• Offshore Lands — Royalty, rent, and bonus revenues from Federal offshore mineral leases on the Outer Continental Shelf (OCS) are deposited to the General Fund of the Treasury through miscellaneous receipts. Under other applicable laws, specified amounts from total offshore revenues are transferred to the Land and Water Conservation Fund (LWCF). The LWCF, primarily administered by the National Park Service, provides revenues for the Federal Government, State governments, and local governments to purchase parks and recreation areas and to plan, acquire, and develop land and water resources for recreational use. Offshore mineral leasing provides approximately 70-90 percent of LWCF revenues.

The National Historic Preservation Fund (NHPF), administered by the National Park Service, is designed to expand and accelerate historic preservation plans and activities. The annual funding authorization of \$150 million to the NHPF expired at the end of FY 1997. A transfer of \$150 million was erroneously made in FY 1998 and recovered in FY 1999. No further transfers to the NHPF will be made.

Section 8(g) of the Outer Continental Shelf Lands Act (OCSLA) Amendments of 1978 provided that the States were to receive a "fair and equitable" division of revenues generated from the leasing of lands within 3 miles of the seaward boundary of a coastal State containing one or more oil and gas pools or fields underlying both the OCS and lands subject to the jurisdiction of the State.

The States and the Federal Government, however, could not reach agreement concerning the meaning of the term "fair and equitable." Revenues generated within the 3-mile boundary were placed into an escrow fund beginning in August 1979. Revenues from the Beaufort Sea in Alaska were placed in a second escrow fund under section 7, beginning in December 1979.

Congress resolved the dispute over the meaning of "fair and equitable" in the OCSLA Amendments of 1985, Public Law 99-272. The law provides for the following distribution of section 8(g) revenues to the States:

- Disbursement of escrow funds in FY 1986-87:
- A series of annual settlement payments disbursed to the States over a 15-year period from FY 1987 to FY 2001; and
- Recurring annual disbursements of 27 percent of royalty, rent, and bonus revenues received within each affected State's 8(g) zone.

Congress passed a second law, Public Law 100-202, permitting distribution of \$322.9 million in section 7 Beaufort Sea escrow funds to Alaska in FY 1988.

Nearly \$93.9 million in Federal offshore revenues was released to seven States during FY 1999.

 Public Domain Lands — The majority of Federal lands are in the public domain. Under section 35 of MLA, 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. Federal onshore mineral leasing provides approximately 40-50 percent of Reclamation Fund revenues.

The remaining ten percent of mineral revenues from public domain leases 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.

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.

Seventy-five percent of mineral receipts from leases on acquired lands within a national forest administered by the U.S. Department of Agriculture is distributed to the General Fund of the Treasury. The remaining 25 percent is distributed to the State in which the lease is located.

Seventy-five percent of mineral revenues from leases on acquired lands within a national grassland administered by the U.S. Department of Agriculture is distributed to the General Fund of the Treasury. The remaining 25 percent is distributed to the county in which the lease is located.

Seventy-five percent of mineral receipts from acquired Flood Control Act lands administered by the U.S. Army Corps of Engineers is distributed to the State in which the lease is located. The remaining 25 percent is distributed to the General Fund of the Treasury.

Mineral revenues derived from leases on acquired National Wildlife Refuge lands are shared with the county in which the lease is located, according to one of three alternative formulas prescribed by statute. The remainder is deposited in the General Fund of the Treasury.

All mineral receipts generated from leases on acquired reclamation project lands are paid to the Reclamation Fund.

Mineral revenues collected from leases on acquired military lands issued before 1981 are deposited in the General Fund of the Treasury. Revenues collected from mineral leases on acquired military lands issued beginning January 1, 1981, are disbursed in the same manner as revenues from public domain leases.

Receipts from other acquired lands are deposited in a general Treasury account.

- American Indian Lands The BIA collects bonuses and rents from nonproducing leases. The MMS disburses mineral royalties and rents from producing American Indian Tribal and allotted leases to OTFM. The BIA subsequently makes disbursements to Tribes and to individual American Indian lessors, with the following exceptions:
  - Oil and gas payments to four Tribes—the Jicarilla Apache, the Blackfeet, the Navajo Nation, and the Southern Ute—are made directly by the lease payor to financial institutions contracted by the Tribes to receive their mineral payments.
  - The BIA has authorized payors to make direct payments to selected individual American Indian lessors.
  - The Osage Nation manages all mineral leases on its Tribal lands and collects its own revenues.
  - Solid mineral royalties are paid directly to the applicable Tribes or to a designated BIA office.
- Alaska Native Lands Payments to the Cook Inlet Region, Inc., in Alaska on behalf of Alaskan Natives for the interests the Region holds in several former Federal leases, are made directly by lease payors to the corporation.

#### RMP Underpayment Detection Programs

The accurate determination and collection of mineral revenues require both voluntary compliance by payors and sophisticated RMP audit and exception processing identification programs designed to detect the underpayment of revenues. Cumulative revenue collections from the first of the RMP underpayment detection programs in October 1981 through the end of FY 1999 totaled \$2.3 billion.

 RMP Audit Programs — The RMP administers an aggressive audit program. The majority of the RMP audit staff is located in cities where many of the top royalty payors maintain accounting centers.

The RMP maintains cooperative agreements that provided audit funding in FY 1999 to 7 American

Indian Tribes and 10 States under the authority provided in sections 202 and 205 of FOGRMA. Cooperative audit agreements under section 202 were in effect at the end of FY 1999 with the following Tribes:

Blackfeet
 Jicarilla Apache
 Navajo Nation
 Southern Ute
 Northern Ute
 Ute Mountain Ute

- Shoshone and Arapaho

Cooperative agreements under section 205 were in effect in FY 1999 with the following States:

California
Colorado
Louisiana
Montana
New Mexico
North Dakota
Oklahoma
Texas
Utah
Wyoming

The cooperative agreements with the Navajo Nation, California, Colorado, Montana, New Mexico, North Dakota, Utah, and Wyoming include audits of geothermal steam, coal, and other solid mineral leases, including phosphate, potassium, and sodium.

The cooperative agreements with California, Louisiana, and Texas include the audit of royalties from offshore leases issued under section 8(g) of the OCSLA Amendments of 1985.

The RMP maintained an unfunded Memorandum of Understanding with Alaska and with the Assiniboine Sioux Tribe to share audit information in FY 1999.

This report includes revenues collected from cooperative State and Tribal agreement lease audits in FY 1999. The report further includes Federal expenditures to States and Tribes to fund the cooperative agreements during the year. Many lease audits require more than 1 year to complete. It is subsequently difficult to draw meaningful comparisons between collections and expenditures for a single year.

• AFS/PAAS Exceptions — The RMP corrects discrepancies, or exceptions, between sales reported to the Auditing and Financial System (AFS) by payors and production reported to the Production Accounting and Auditing System (PAAS) by lease and agreement operators.

- **AFS Exceptions**—The AFS exceptions identification program promotes accurate and timely reporting and payment. The program detects:
  - Late payment of royalties, rents, and bills;
  - Insufficient estimated royalty payments; and
  - Discrepancies between payments and financial lease terms for rents, bonuses, advance royalties, and minimum royalties.

The RMP issues bills for interest when payments are received after the due dates and when advance estimated royalty payments are insufficient compared to actual royalties paid at a later date.

- Allowance Exceptions All transportation and processing allowances deducted from royalties are subject to RMP review. The RMP currently employs a sophisticated Allowance Limit Exception Processing program to review royalty reports submitted by payors to determine compliance with regulatory allowance limits.
- Liquidated Damage Assessments The RMP formerly issued bills for liquidated damage assessments when royalty or production reports were received after the due date or were submitted with errors. The assessments were in addition to interest on the amount paid late.

Effective October 1, 1995, RMP changed its assessment policy for late and incorrect reporting. Under the new policy, RMP no longer charges reporters for filing late royalty or production reports. In addition, reporters will normally not be charged for incorrect royalty and production reporting unless the overall error rate RMP calculates for a given month exceeds the FY 1995 average error rate of approximately 3 percent. While assessments for late reporting will cease, RMP will continue to assess interest when payments are late.

OCS Recoupments — Section 10 of OCSLA required a payor to file a request with RMP for a recoupment of an overpayment within 2 years of the original payment. The RMP must provide 30 days notification to Congress before approving

the recoupment. Payors who take a recoupment without authorization are contacted by RMP and must explain the recoupment within 30 days. Failure to respond to the notification or to justify the recoupment results in an assessment to recover the unauthorized amount.

Under the provisions of the Federal Oil and Gas Royalty Simplification and Fairness Act of 1996, Public Law 104-185, 110 Stat. 1700, payors will no longer be required to file a request for a recoupment with RMP. This provision will apply to payment receipt dates after August 12, 1996.

- American Indian Recoupments Payors who take a recoupment of an overpayment on an American Indian lease cannot recoup more than 50 percent of the monthly revenue payment on an allotted lease or 100 percent of the monthly revenue payment on a Tribal lease.
- Improper Adjustments The RMP compares every credit line submitted by a payor with the most recent payment line. Payors who submit a credit line that does not match the original payment line must repay the credit amount.
- **Royalty Rate Monitoring** The RMP calculates a royalty rate from monthly sales information provided by payors. The calculated royalty rate is compared with the royalty rate in the lease.

If the calculated rate from the payor is lower than the lease rate, RMP notifies the payor of the error and provides 90 days to correct the mistake. The RMP bills payors for additional royalties based on the higher lease rate if the payor does not correct the error.

#### **Program Operations Summary**

This report provides a variety of information addressing RMP program operations. Current year information includes the number of operators, mines, and wells on Federal and American Indian lands; active oil and gas payors; average oil and gas lines processed each month; and average payor and lease data base changes completed each month.

Current and historical information includes AFS and PAAS error rates, late disbursement interest, and on-time disbursements.

#### **Producing and Nonproducing Leases**

Lease and acreage totals in this report represent both producing and nonproducing mineral leases within State boundaries or offshore areas. The totals include leases for Federal offshore, Federal onshore, and American Indian lands.

#### Source Documents

Information addressed in this report was derived from a variety of sources. Disbursement data for FY 1999 and cumulative disbursement statistics for the period FY 1982-99 were compiled from U.S. Department of the Interior records that have been confirmed with Treasury. Federal onshore mineral revenue disbursements to States represent cumulative distributions by both MMS and the Bureau of Land Management. Disbursement information for FY 1999 is published in the following MMS reports:

- 1999 Mineral Revenues;
- 1999 Federal Offshore Statistics;
- FY 1999 State Mineral Summaries; and
- The FY 1999 MMS Annual Report to Congress submitted under the provisions of section 302 of FOGRMA and section 602 of OCSLA Amendments of 1978.

Mineral revenue collections for FY 1999 were derived from AFS and nonstandard American Indian collections administered by the RMP Accounting and Reports Division.

Information associated with current and historical collections from compliance and enforcement programs was gathered from RMP managers responsible for administration of the programs. Program operations information and lease statistics were assembled from the FY 1999 MMS Annual Report to Congress.

# Statistical Highlights

Fiscal Year 1999



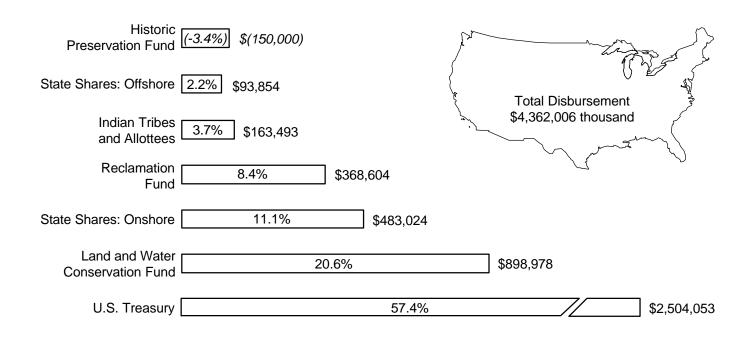


Figure 1. Disbursement of Federal and American Indian mineral lease revenues, in thousands, Fiscal Year 1999

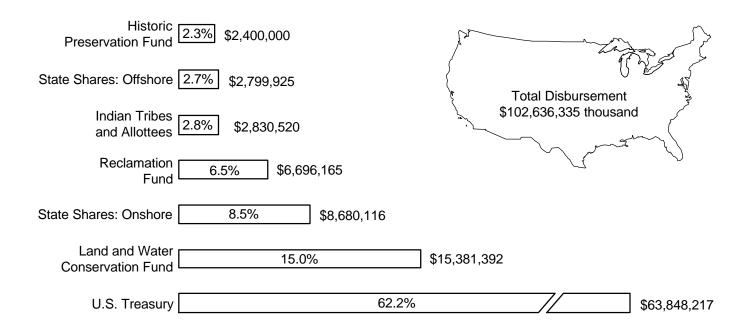


Figure 2. Disbursement of Federal and American Indian mineral lease revenues, in thousands, Fiscal Years 1982-99

Table 1. Disbursement of Federal and American Indian mineral lease revenues, in thousands, Fiscal Year 1999

!	Offshore Federal Mineral Revenues			Percent of Total
	Historic Preservation Fund	\$ \$	(150,000) 898,978 93,854 <u>2,349,583</u> 3,192,415	(3.4) 20.6 2.2 53.9
ļ	Onshore Federal Revenues			
	Reclamation Fund	\$	368,604 483,024 <u>154,470</u> 1,006,098	8.4 11.1 3.5
ļ	American Indian Tribal & Allottee Revenues			
	41 Tribes and 20,000 Allottees	\$	163,493	3.7
	Total	\$	4,362,006	100.0

Note: The annual funding authorization of \$150 million for the National Historic Preservation Fund (NHPF) expired at the end of Fiscal Year (FY) 1997. A transfer of \$150 million was erroneously made to the NHPF in September of FY 1998. That transfer was recouped in February of FY 1999. No further transfers to the NHPF will be made.

Table 2. Disbursement of Federal and American Indian mineral lease revenues, in thousands, Fiscal Years 1982-99

			Percent of
			Total
ļ	Offshore Federal Mineral Revenues		
	Historic Preservation Fund	\$ 2,400,000	2.3
	Land & Water Conservation Fund	15,381,392	15.0
	State Shares (7 States)	2,799,925	2.7
	U.S. Treasury General Fund	61,349,037	59.8
	Subtotal	\$ 81,930,354	
ļ	Onshore Federal Revenues		
	Reclamation Fund	\$ 6,696,165	6.5
	State Shares (38 States)	8,680,116	8.5
	U.S. Treasury General Fund	2,499,180	2.4
	Subtotal	\$ 17,875,461	
ļ	American Indian Tribal & Allottee Revenues		
	41 Tribes and 20,000 Allottees	\$ 2,830,520	2.8
	Total	\$ 102,636,335	100.0

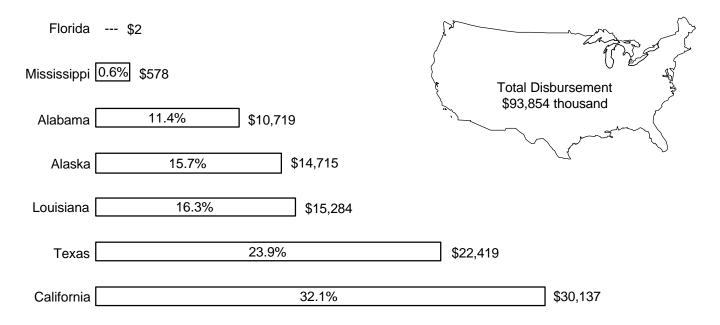


Figure 3. Disbursement of revenues, in thousands, to seven States from Federal offshore leases under the provisions of section 8(g) of the OCS Lands Act as amended, Fiscal Year 1999

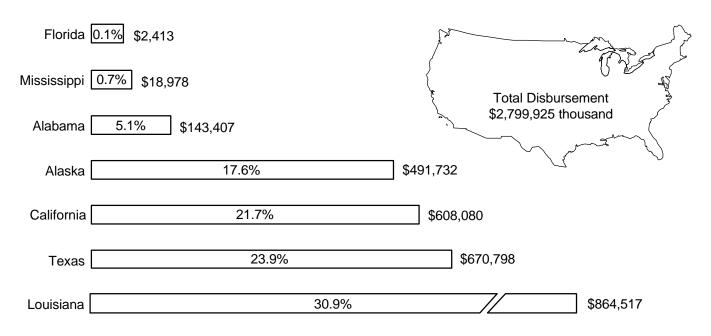


Figure 4. Disbursement of revenues, in thousands, to seven States from Federal offshore leases under the provisions of section 8(g) of the OCS Lands Act as amended, Fiscal Years 1986-99

Table 3. Disbursement of revenues, in thousands, to seven States from Federal offshore leases under the provisions of section 8(g) of the OCS Lands Act as amended, Fiscal Year 1999

			Percent of Total
Alabama	\$	10,719	11.4
Alaska		14,715	15.7
California		30,137	32.1
Florida		2	
Louisiana		15,284	16.3
Mississippi		578	0.6
Texas	_	22,419	23.9
Total	\$	93,854	100.0

Table 4. Disbursement of revenues, in thousands, to seven States from Federal offshore leases under the provisions of section 8(g) of the OCS Lands Act as amended, Fiscal Years 1986-99

		Percent of Total
Alabama	\$ 143,407	5.1
Alaska	491,732	17.6
California	608,080	21.7
Florida	2,413	0.1
Louisiana	864,517	30.9
Mississippi	18,978	0.7
Texas	670,798	23.9
Total	\$ 2,799,925	100.0

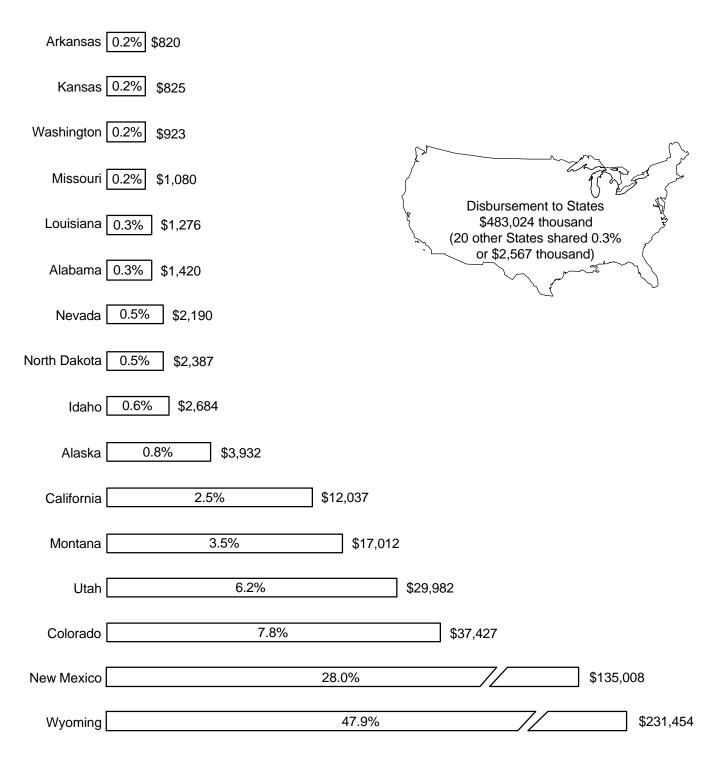


Figure 5. Disbursement of revenues, in thousands, to 36 States from Federal onshore leases by the Bureau of Land Management and the Minerals Management Service, Fiscal Year 1999

Table 5. Disbursement of revenues, in thousands, to 36 States from Federal onshore leases by the Bureau of Land Management and the Minerals Management Service, Fiscal Year 1999

		Percent of <u>Total</u>
Alabama	\$ 1,420	0.294
Alaska	3,932	0.814
Arizona	86	0.018
Arkansas	820	0.170
California	12,037	2.492
Colorado	37,427	7.748
Florida	, 1	
Georgia*		
Idaho	2,684	0.556
Illinois	107	0.022
Kansas	825	0.171
Kentucky	46	0.010
Louisiana	1,276	0.264
Michigan	418	0.086
Minnesota	12	0.002
Mississippi	413	0.086
Missouri	1,080	0.224
Montana	17,012	3.522
Nebraska	8	0.002
Nevada	2,190	0.453
New Mexico	135,008	27.951
North Carolina*	· 	
North Dakota	2,387	0.494
Ohio	118	0.024
Oklahoma	518	0.107
Oregon	39	0.008
Pennsylvania	23	0.005
South Dakota	267	0.055
Tennessee*		
Texas	288	0.060
Utah	29,982	6.207
Virginia	49	0.010
Washington	923	0.191
West Virginia	174	0.036
Wisconsin*		
Wyoming	<u>231,454</u>	<u>47.918</u>
Total*	\$ 483,024	100.0

<sup>\*</sup> State cumulative revenue shares under \$500 disbursed in Fiscal Year 1999 are not included in this table.

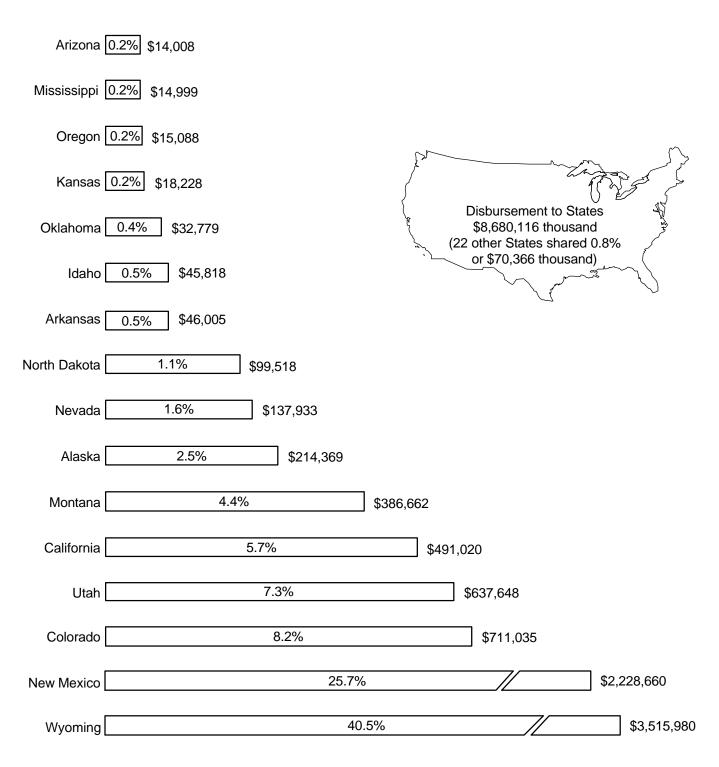
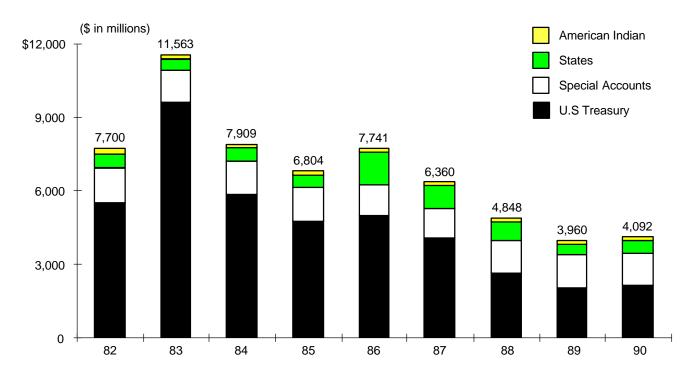


Figure 6. Disbursement of revenues, in thousands, to 38 States from Federal onshore leases by the Bureau of Land Management and the Minerals Management Service, Fiscal Years 1982-99

Table 6. Disbursement of revenues, in thousands, to 38 States from Federal onshore leases by the Bureau of Land Management and the Minerals Management Service, Fiscal Years 1982-99

riscar rears 1902-	<del>33</del>	Percent of Total
Alabama	\$ 8,803	0.101
Alaska	214,369	2.470
Arizona	14,008	0.161
Arkansas	46,005	0.530
California	491,020	5.657
Colorado	711,035	8.191
Florida	1,331	0.015
Georgia*		
Idaho	45,818	0.528
Illinois	790	0.009
Indiana*		0.000
Kansas	18,228	0.210
Kentucky	680	0.008
Louisiana	12,343	0.142
Michigan	8,158	0.094
Minnesota*	99	0.001
Mississippi	14,999	0.173
Missouri	6,506	0.075
Montana	386,662	4.455
Nebraska	1,939	0.022
Nevada	137,933	1.589
New Mexico	2,228,660	25.676
North Carolina*	2,220,000	23.070
North Dakota	99,518	1.147
Ohio*	1,421	0.016
Oklahoma	32,779	0.378
	•	0.376
Oregon	15,088 144	0.174
Pennsylvania	3	
South Carolina	_	 0.152
	13,209 14	0.152
Tennessee*	3,618	0.042
Utah	637,648	7.346
Virginia	768	0.009
Washington	8,800	0.101
West Virginia	1,730	0.020
Wisconsin*	7	40 500
Wyoming	<u>3,515,980</u>	<u>40.506</u>
Total	\$ 8,680,116	100.0

<sup>\*</sup> Cumulative totals for these States may not include revenue shares under \$500 disbursed in current and prior years.



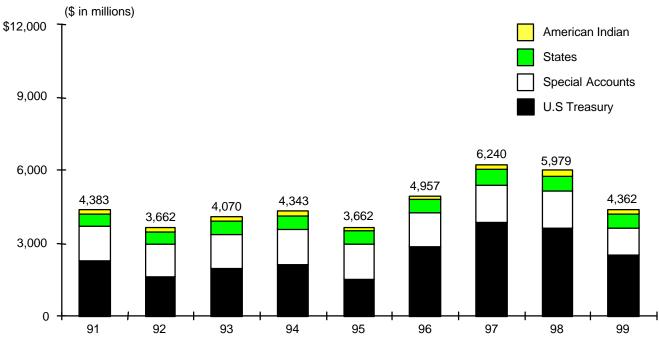
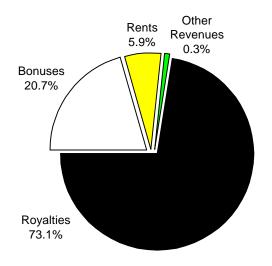


Figure 7. Disbursement of Federal and American Indian mineral lease revenues, Fiscal Years 1982-99

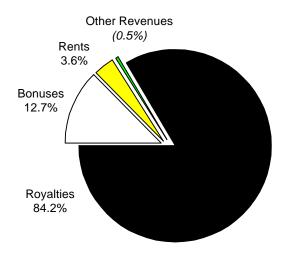
Table 7. Disbursement of Federal and American Indian mineral lease revenues, Fiscal Years 1982-99

			Revenues in	Thou	sands of Doll	ars	
	Historic		Land & Water				American Indian
	Preservation		Conservation		Reclamation		Tribes and
-	Fund		Fund		Fund		Allottees
4000 <b>(</b>	450,000	Φ.	005.050	Φ.	405.000	Φ.	000 000
1982\$		\$	825,950	\$		\$	203,000
1983	150,000		814,693		391,891		169,600
1984	150,000		789,421		414,868		163,932
1985	150,000		784,279		415,688		160,479
1986	150,000		755,224		339,624		122,865
1987	150,000		823,576		265,294		100,499
1988	150,000		859,761		317,505		125,351
1989	150,000		862,761		337,865		121,954
1990	150,000		843,765		353,708		141,086
1991	150,000		885,000		368,474		164,310
1992	150,000		887,926		328,081		170,378
1993	150,000		900,000		366,593		164,385
1994	150,000		862,208		410,751		172,132
1995	150,000		896,987		367,284		153,319
1996	150,000		896,906		350,264		145,791
1997	150,000		896,979		442,834		196,462
1998	150,000		896,978		421,149		191,484
1999	(150,000)		898,978	_	368,604	_	163,493
Total \$	2,400,000	\$	15,381,392	\$	6,696,165	\$	2,830,520
Revenues in Thousands of Dollars							
	State		State				
	Share:		Share:		U.S.		
	Offshore		Onshore		Treasury		Total
1982\$		\$	609,660	\$	5,476,020	\$	7,700,318
1983		•	454,359	•	9,582,227	•	11,562,770
1984			542,646		5,848,044		7,908,911
1985			548,937		4,744,317		6,803,700
1986	966,186		424,446		4,983,055		7,741,400
1987	613,083		377,030		4,030,979		6,360,461
1988	370,063		397,558		2,627,721		4,847,959
1989	46,850		433,422		2,006,837		3,959,689
1990	49,023		452,184		2,102,576		4,092,342
1991	43,683		480,524		2,291,085		4,383,076
1992	68,392		432,474		1,624,864		3,662,115
1993	77,467		466,250		1,945,730		4,070,425
1994	83,327		523,183		2,141,755		4,343,356
1995	75,468		477,544		1,541,048		3,661,650
1996	89,871		457,754		2,866,509		4,957,095
1997	116,132		569,422		3,867,865		6,239,694
1998	106,526		549,699		3,663,532		5,979,368
1999	93,854		483,024	_	2,504,053	_	4,362,006



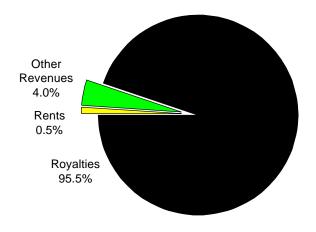
Royalties	\$2,459,624,875
Bonuses	695,310,407
Rents	199,377,666
Other Revenues	10,817,903
Total	\$3,365,130,851

Figure 8. Revenues from Federal offshore leases by source, Fiscal Year 1999



Davidia	Φ 0	05 000 054
Royalties	\$ 8	85,229,851
Bonuses	1	33,839,918
Rents		37,388,882
Other Revenues		(5,300,713)
Total	\$1,0	51,157,938

Figure 9. Revenues from Federal onshore leases by source, Fiscal Year 1999



Royalties	\$152,150,457
Rents	793,756
Other Revenues	6,410,239
Total	\$159,354,452

Figure 10. Revenues from American Indian leases by source, Fiscal Year 1999

Table 8. Revenue collections by land category and source, Fiscal Year 1999

! ! !	Offshore Collections Onshore Collections American Indian Collections  Total Collections	\$ 3,365,130,851 1,051,157,938 159,354,452 \$ 4,575,643,241	Percent of Total  73.5 23.0 3.5 100.0
!	Offshore         - Royalties         Gas       \$ 1,585,248,242         Oil       822,800,207         Other       51,576,426         - Bonuses       -         - Rents       -         - Other Revenues       -         Offshore Subtotal       .	\$ 2,459,624,875 695,310,407 199,377,666 10,817,903 \$ 3,365,130,851	Percent of Total  34.7 18.0 1.1 15.2 4.4 0.2
·!	Onshore         - Royalties         Coal       \$ 304,967,170         Gas       382,774,467         Oil       124,732,076         Other       72,756,138         - Bonuses         - Rents         - Other Revenues         Onshore Subtotal	\$ 885,229,851 133,839,918 37,388,882 (5,300,713) \$ 1,051,157,938	6.7 8.4 2.7 1.6 2.9 0.8 (0.1)
!	American Indian  - Royalties     Coal	\$ 152,150,457 793,756 6,410,239 \$ 159,354,452 <b>\$ 4,575,643,241</b>	1.2 1.4 0.5 0.2  0.1

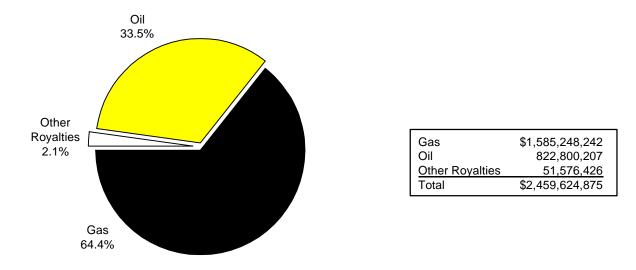


Figure 11. Royalties from Federal offshore leases by commodity, Fiscal Year 1999

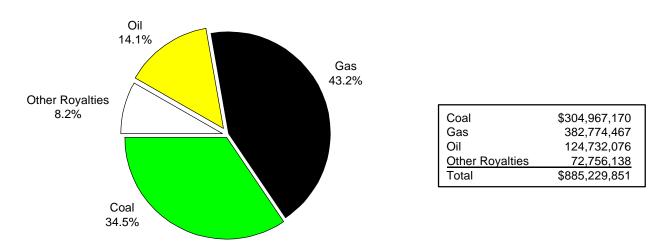


Figure 12. Royalties from Federal onshore leases by commodity, Fiscal Year 1999

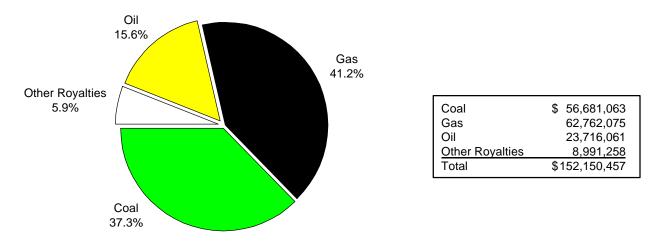


Figure 13. Royalties from American Indian leases by commodity, Fiscal Year 1999

Table 9. Revenue collections by source and land category, Fiscal Year 1999

				Percent of <u>Total</u>
ļ	Royalties			
	- Coal Onshore American Indian Coal Subtotal	\$ 304,967,170 56,681,063	\$ 361,648,233	7.9
	- Gas Offshore Onshore American Indian Gas Subtotal	\$ 1,585,248,242 382,774,467 62,762,075	2,030,784,784	44.4
	- Oil Offshore Onshore American Indian Oil Subtotal	\$ 822,800,207 124,732,076 23,716,061	971,248,344	21.2
	- Other Offshore Onshore American Indian Other Subtotal Royalty Subtotal	\$ 51,576,426 72,756,138 8,991,258	133,323,822 \$ 3,497,005,183	2.9
ļ	Bonuses Offshore Onshore Bonus Subtotal	\$ 695,310,407 133,839,918	829,150,325	18.1
ļ	Rents Offshore Onshore American Indian Rent Subtotal	\$ 199,377,666 37,388,882 	237,560,304	5.2
!	Other Revenues Offshore Onshore American Indian Other Subtotal	\$ 10,817,903 (5,300,713) 6,410,239	<u> 11,927,429</u>	0.3
	Total Collections		\$ 4,575,643,241	100.0

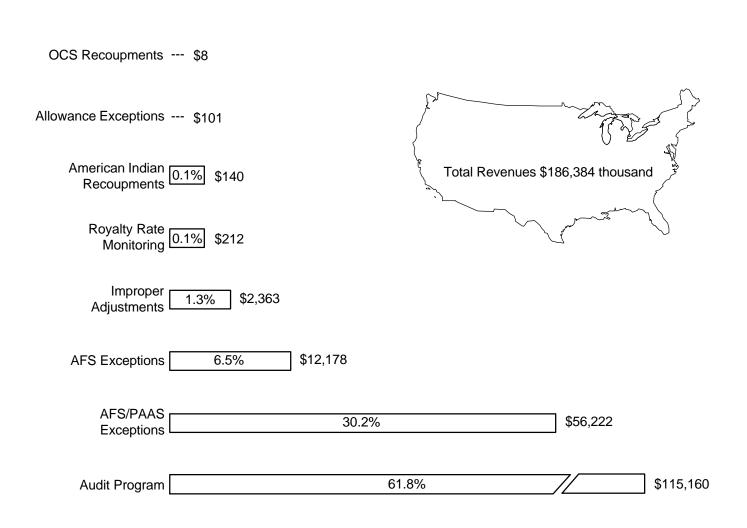


Figure 14. Revenues from principal RMP underpayment detection programs, in thousands, Fiscal Year 1999

Table 10. Revenues from principal RMP underpayment detection programs, in thousands, Fiscal Year 1999

		Percent of <u>Total</u>
Audit Program		
! Audit Collections	\$ 115,160 	61.8 
Subtotal	\$ 115,160	
AFS (Sales)/PAAS (Production) Exceptions	\$ 56,222	30.2
AFS Exceptions		
Interest from late-payments,		
insufficient estimates, and lease term exceptions	\$ 12,178	6.5
term exceptions	Ψ 12,170	0.5
Allowance Exceptions	\$ 101	
Liquidated Damage Assessments for Incorrect Reporting		
! Payor Reports from AFS	\$	
! Operator Reports from PAAS		
Subtotal	\$	
OCS Recoupments	\$ 8	
American Indian Recoupments	\$ 140	0.1
·		
Improper Adjustments	\$ 2,363	1.3
Royalty Rate Monitoring	\$ <u>212</u>	<u>0.1</u>
Total Collections	\$ 186,384	100.0

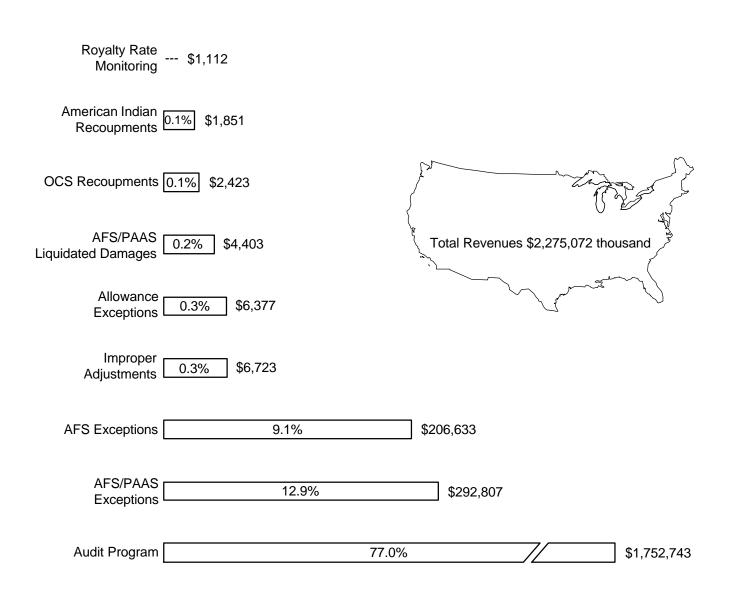
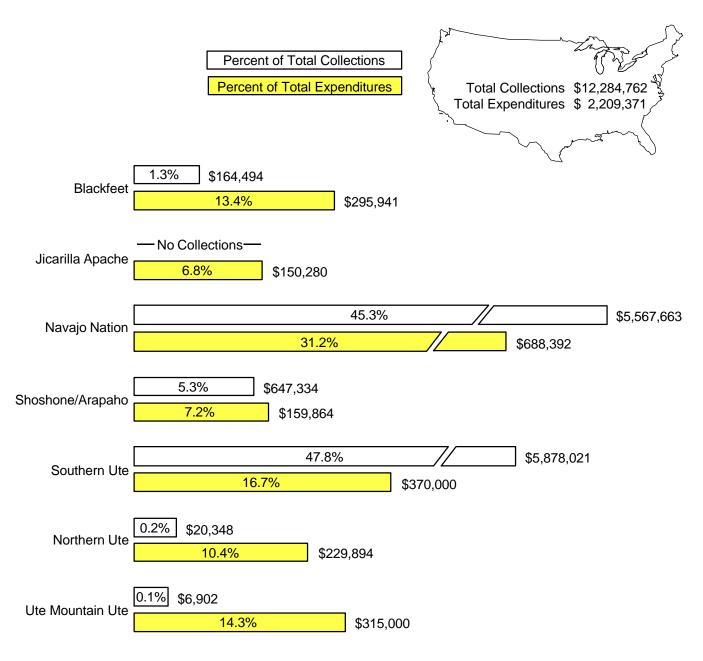


Figure 15. Revenues from principal RMP underpayment detection programs, in thousands, Fiscal Years 1982-99

Table 11. Revenues from principal RMP underpayment detection programs, in thousands, Fiscal Years 1982-99

	Percent of Total
Audit Program	
! Audit Collections       \$ 1,608,080         ! Refund Denials       144,663         Subtotal       \$ 1,752,743	70.7 6.3
AFS (Sales)/PAAS (Production) Exceptions \$ 292,807	12.9
AFS Exceptions	
Interest from late-payments, insufficient estimates, and lease term exceptions	9.1
Allowance Exceptions \$ 6,377	0.3
Liquidated Damage Assessments for Incorrect Reporting	
! Payor Reports from AFS       \$ 2,586         ! Operator Reports from PAAS       1,817         Subtotal       \$ 4,403	0.1 0.1
<b>OCS Recoupments</b>	0.1
American Indian Recoupments	0.1
Improper Adjustments	0.3
Royalty Rate Monitoring	
Total Collections	100.0

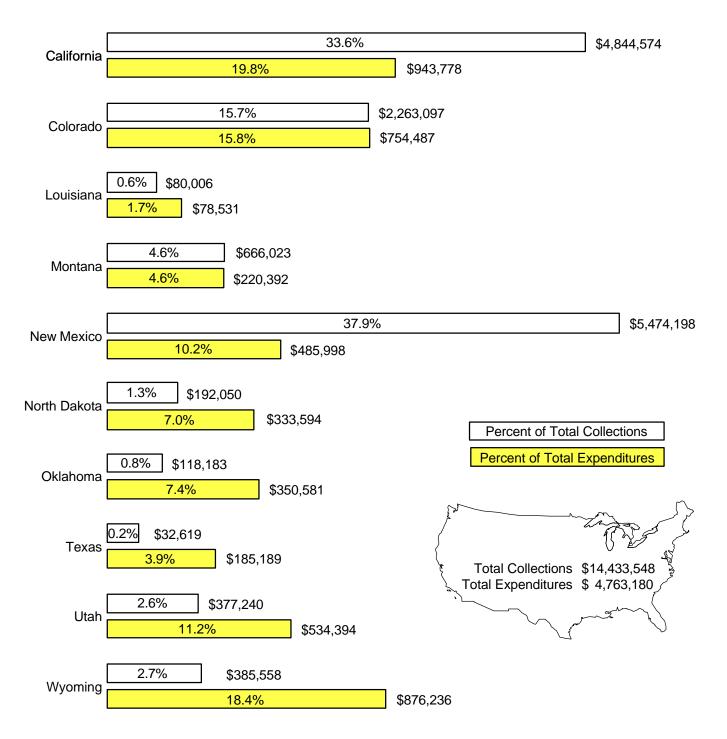


NOTE: Many audits require more than 1 year to complete. It is subsequently difficult to draw meaningful comparisons between collections and expenditures for a single year.

Figure 16. Audit collections and expenditures under section 202 of the Federal Oil and Gas Royalty Management Act of 1982, Fiscal Year 1999

Table 12. Audit collections and expenditures under section 202 of the Federal Oil and Gas Royalty Management Act of 1982, Fiscal Year 1999

		Percent of Total
Tribal Audit Collections		
Blackfeet	\$ 164,494	1.3
Jicarilla Apache		
Navajo Nation	5,567,663	45.3
Shoshone/Arapaho	647,334	5.3
Southern Ute	5,878,021	47.8
Northern Ute	20,348	0.2
Ute Mountain Ute	6,902	0.1
Total Collections	\$12,284,762	100.0
Federal Expenditures to Tribes		
Blackfeet	\$ 295,941	13.4
Jicarilla Apache	150,280	6.8
Navajo Nation	688,392	31.2
Shoshone/Arapaho	159,864	7.2
Southern Ute	370,000	16.7
Northern Ute	229,894	10.4
Ute Mountain Ute	315,000	14.3
Total Expenditures	\$ 2,209,371	100.0



NOTE: Many audits require more than 1 year to complete. It is subsequently difficult to draw meaningful comparisons between collections and expenditures for a single year.

Figure 17. Audit collections and expenditures under section 205 of the Federal Oil and Gas Royalty Management Act of 1982, Fiscal Year 1999

Table 13. Audit collections and expenditures under section 205 of the Federal Oil and Gas Royalty Management Act of 1982, Fiscal Year 1999

		Percent of <u>Total</u>
State Audit Collections		
California	\$ 4,844,574	33.6
Colorado	2,263,097	15.7
Louisiana	80,006	0.6
Montana	666,023	4.6
New Mexico	5,474,198	37.9
North Dakota	192,050	1.3
Oklahoma	118,183	0.8
Texas	32,619	0.2
Utah	377,240	2.6
Wyoming	<u>385,558</u>	2.7
Total Collections	\$ 14,433,548	100.0
Federal Expenditures to States		
California	\$ 943,778	19.8
Colorado	754,487	15.8
Louisiana	78,531	1.7
Montana	220,392	4.6
New Mexico	485,998	10.2
North Dakota	333,594	7.0
Oklahoma	350,581	7.4
Texas	185,189	3.9
Utah	534,394	11.2
Wyoming	<u>876,236</u>	18.4
Total Expenditures	\$ 4,763,180	100.0

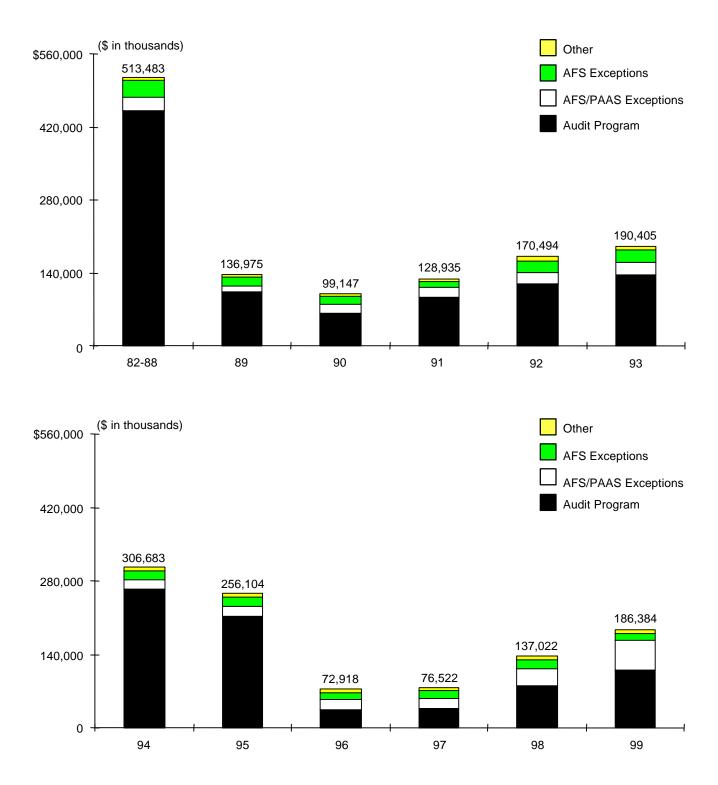
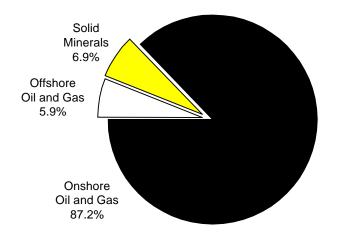


Figure 18. Revenues from principal Royalty Management Program underpayment detection programs, Fiscal Years 1982-99

Table 14. Revenues from principal Royalty Management Program underpayment detection programs, Fiscal Years 1982-99

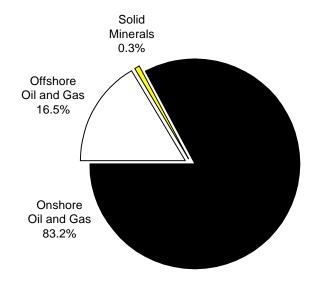
	Revenues in Thousands of Dollars				
' <u> </u>			AFS	Allowance	AFS/PAAS
	Audit	AFS/PAAS	Exception	Exception	Liquidated
	Program	Comparison	Processing	Processing	Damages
1982-84 \$	132,858 \$	\$	\$	\$	
1985	75,433	2,900	2,656		
1986	115,930	6,415	8,104		
1987	79,384	6,415	7,281		11
1988	52,201	10,074	13,494		327
1989	107,416	12,506	16,939		114
1990	65,966	18,529	14,528		124
1991	97,003	20,204	11,251		477
1992	122,670	22,984	21,641	2,210	781
1993	140,493	24,644	22,559	721	913
1994	267,787	19,174	15,836	2,179	884
1995	215,634	20,305	16,844	595	766
1996	39,728	18,370	13,283		4
1997	40,160	21,340	13,870	26	2
1998	84,920	32,725	16,169	545	
1999	115,160	56,222	12,178	101	
Total \$	1,752,743 \$	292,807 \$	206,633 \$	6,377 \$	4,403

	Revenues in Thousands of Dollars				
		American		Royalty	
	ocs	Indian	Improper	Rate	
	Recoupments	Recoupments	Adjustments	Monitoring	Total
1982-84 \$	\$	\$		\$	132,858
1985					80,989
1986					130,449
1987					93,091
1988					76,096
1989					136,975
1990					99,147
1991					128,935
1992	104	104			170,494
1993	708	199	168		190,405
1994	447	186	190		306,683
1995	752	522	580	106	256,104
1996	416	209	542	366	72,918
1997	(15)	162	823	154	76,522
1998	` 3	329	2,057	274	137,022
1999	8_	140	2,363	212	186,384
Total \$	2,423 \$	1,851 \$	6,723 \$	1.112 \$	2.275.072



Offshore Oil and Gas	182
Offshore Oil and Gas Onshore Oil and Gas	2,670
Solid Minerals	211
Total	3,063

Figure 19. Fluid and solid mineral operators, Fiscal Year 1999



Offshore Oil and Gas	18,425
Onshore Oil and Gas	92,637
Solid Minerals	290
Total	111.352

Figure 20. Mines and wells under RMP supervision, Fiscal Year 1999

Table 15. Program operations summary, Fiscal Year 1999

			Percent of Total
ļ	Operators		
	Offshore Oil and Gas	182	5.9
	Onshore Oil and Gas	2,670	87.2
	Solid Minerals	211	6.9
	Total Operators	3,063	100.0
ļ	Mines and Wells		
	Offshore Oil and Gas Wells	18,425	16.5
	Onshore Oil and Gas Wells	92,637	83.2
	Solid Mineral Mines	<u>290</u>	<u>0.3</u>
	Total Mines and Wells	111,352	100.0
ļ	Average Oil and Gas Payors each month	2,224	
!	Average Oil and Gas Lines processed each month	262,734	
!	Active Revenue Sources	59,910	
!	Active Selling Arrangements	155,546	
ļ.	Average Payor and Lease database changes each month	4,184	

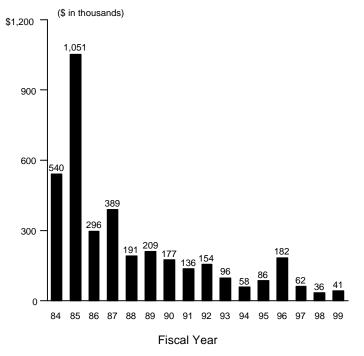
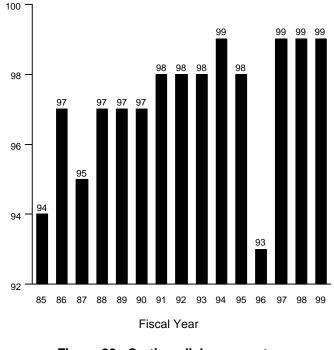


Figure 21. Late disbursement interest, Fiscal Years 1984-99



(Percent)

Figure 22. On time disbursement, Fiscal Years 1985-99

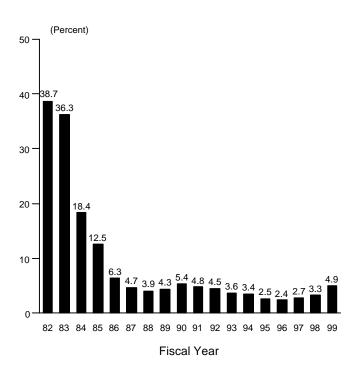


Figure 23. AFS error rates, Fiscal Years 1982-99

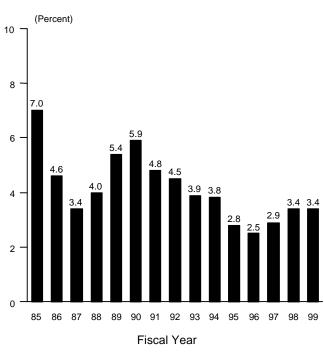
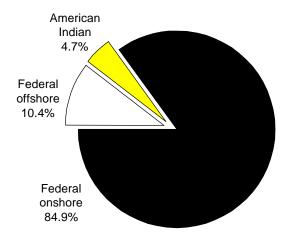


Figure 24. PAAS error rates, Fiscal Years 1985-99

Table 16. Program operations summary, Fiscal Years 1982-99

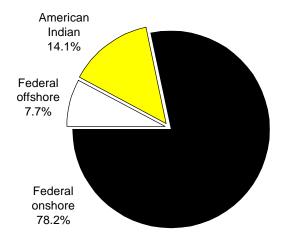
	Late Disbursemen Interest (In Thousands	On t Time Disbursement s) (Percent)	AFS Error Rates (Percent)	PAAS Error Rates (Percent)
FY 1982 - 84	\$ 540		31.1	
FY 1985	\$1,051	93.7	12.5	7.0
FY 1986	\$ 296	96.8	6.3	4.6
FY 1987	\$ 389	95.2	4.7	3.4
FY 1988	\$ 191	96.9	3.9	4.0
FY 1989	\$ 209	96.7	4.3	5.4
FY 1990	\$ 177	97.3	5.4	5.9
FY 1991	\$ 136	98.0	4.8	4.8
FY 1992	\$ 154	97.5	4.5	4.5
FY 1993	\$ 96	98.0	3.6	3.9
FY 1994	\$ 58	98.9	3.4	3.8
FY 1995	\$ 86	98.4	2.5	2.8
FY 1996*	\$ 182	92.9	2.4	2.5
FY 1997	\$ 62	98.9	2.7	2.9
FY 1998	\$ 36	99.3	3.3	3.4
FY 1999	\$ 41	99.2	4.9	3.4

<sup>\*</sup> Higher late-payment-interest amounts and lower-on-time disbursement percentage due to employee furloughs as a result of a lapse in appropriations during part of the first and second quarters of FY 1996.



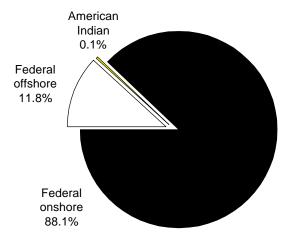
Federal onshore	68,096
Federal offshore	8,371
American Indian	3,743
Total	80,210

Figure 25. Producing and nonproducing Federal and American Indian leases, Fiscal Year 1999



Federal onshore	20,343
Federal offshore	2,000
American Indian	3,682
Total	26,025

Figure 26. Producing oil, gas, geothermal, and mining leases, Fiscal Year 1999



Federal onshore	47,753
Federal offshore	6,371
American Indian	61
Total	54,185

Figure 27. Nonproducing oil, gas, geothermal, and mining leases, Fiscal Year 1999

Table 17. Producing and nonproducing Federal and American Indian leases, end of Fiscal Year 1999

			Percent of Total	
İ	Producing and Nonproducing Oil, Gas, Geoth and Mining Leases	ermal		
	Federal onshore	68,096	84.9	
	Federal offshore	8,371	10.4	
	American Indian	3,743	4.7	
	Total	80,210	100.0	
ļ	Producing Oil, Gas, Geothermal and Mining L	eases		
	Federal onshore	20,343	78.2	
	Federal offshore	2,000	7.7	
	American Indian	3,682	<u>14.1</u>	
	Total	26,025	100.0	
ļ	Nonproducing Oil, Gas, Geothermal and Mining Leases			
	Federal onshore	47,753	88.1	
	Federal offshore	6,371	11.8	
	American Indian	<u>61</u>	0.1	
	Total	54,185	100.0	
ļ	Producing Oil and Gas Leases			
	Federal onshore	20,075	78.0	
	Federal offshore	1,999	7.8	
	American Indian	<u>3,650</u>	14.2	
	Total	25,724	100.0	
ļ	Nonproducing Oil and Gas Leases			
	Federal onshore	47,075	88.0	
	Federal offshore	6,366	11.9	
	American Indian	57	0.1	
	Total	53,498	100.0	



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 stewardship 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 (OCS), collect revenue from the Federal OCS and onshore Federal and Indian lands, and distribute those revenues.

Moreover, in working 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 life for all Americans by lending MMS assistance and expertise to economic development and environmental protection.