Table 2.--INITIAL- AND PERMANENT-PROGRAM GRANTS TO STATES, FY 1978-80.

State	Initial-program support grants				Permanent program: Development grants				Permanent program: Administration and enforcement grants	Total FY 1978-80
	FY 1978	FY 1979	FY 1980	Total	FY 1978	FY 1979	FY 1980	Total	FY 1980 1/	
Alabama	$230,012	$486,936	$726,436	$1,443,384	0	0	0	0	0	$1,443,384
Alaska 2/	0	0	0	0	0	0	$100,000	$100,000	0	100,000
Arizona. 3/										
Arkansas	65,055	152,496	198,971	416,522	0	$73,465	0	73,465	0	489,987
Colorado	42,281	254,069	366,447	662,797	$71,007	264,395	0	335,402	0	998,199
Georgia. 4/										
Illinois	398,435	1,000,000	1,638,134	3,036,569	0	0	0	0	0	3,036,569
Indiana. 5/										
Iowa	44,599	83,310	0	127,909	20,000	8,600	22,500	51,100	0	179,009
Kansas	48,379	95,343	174,734	318,456	0	41,632	4,800	46,432	0	364,888
Kentucky	2,133,018	5,708,043	3,884,191	11,725,252	1,565,622	863,929	240,000	2,669,551	0	14,394,803
Louisiana	0	0	0	0	0	102,811	0	102,811	0	102,811
Maryland	158,640	122,412	142,751	423,803	0	395,560	0	395,560	0	819,363
Mississippi	0	0	0	0	0	116,244	0	116,244	0	116,244
Missouri	46,412	164,218	494,925	705,555	125,744	0	0	125,744	0	831,299
Montana	58,111	87,644	106,509	252,264	0	150,966	0	150,966	$682,383	1,085,613
New Mexico	67,742	139,744	303,681	511,167	0	149,954	99,235	249,189	0	760,356
North Dakota	248,376	199,409	124,074	571,859	462,624	589,200	172,518	1,224,342	0	1,796,201
Ohio	370,542	1,500,000	1,029,093	2,899,635	0	0	0	0	0	2,899,635
Oklahoma	121,182	468,249	379,478	968,909	205,462	0	0	205,462	0	1,174,371
Pennsylvania	232,920	1,052,602	2,611,075	3,896,597	0	0	0	0	0	3,896,597
Tennessee	26,240	534,162	422,200	982,602	0	0	0	0	0	982,602
Texas	196,089	208,951	0	405,040	0	185,634	0	185,634	305,623	896,297
Utah	62,000	146,556	272,457	481,013	0	141,380	31,007	172,387	0	653,400
Virginia	626,155	786,490	2,107,137	3,519,782	285,989	71,497	0	357,486	0	3,877,268
Washington. 4/										
West Virginia	882,541	1,222,152	1,830,444	3,935,137	0	0	0	0	0	3,935,137
Wyoming	38,201	482,721	0	520,922	288,625	0	251,254	539,879	0	1,060,801
Total	6,096,930	14,895,507	16,812,737	37,805,174	3,025,073	3,155,267	921,314	$7,101,654	988,006	45,894,834

1/ None awarded in FY 1978 and 1979.
2/ The Act requires a special study in Alaska to determine which provisions of the Act, if any, need modification before being applied in the State.
3/ No mining on non-Indian lands.
4/ State elected to not submit a permanent program.

Table 3.--SMALL OPERATOR ASSISTANCE PROGRAM GRANTS TO STATES, FY 1979-80 1/

State	Administration grant			Operations grant			Total		
	FY 1979	FY 1980	Total	FY 1979	FY 1980	Total	FY 1979	FY 1980	FY 1979-80
Alabama	$125,000	$33,172	$158,172	$873,000	$2,500,000	$3,373,000	$998,000	$2,533,172	$3,531,172
Arkansas	0	20,798	20,798	0	49,525	49,525	0	70,323	70,323
Colorado	0	29,182	29,182	0	0	0	0	29,182	29,182
Illinois	22,500	0	22,500	290,000	312,000	602,000	312,500	312,000	624,500
Iowa	0	4,000	4,000	0	63,040	63,040	0	67,040	67,040
Kansas	0	0	0	48,000	0	48,000	48,000	0	48,000
Kentucky	231,654	0	231,654	8,146,000	7,700,000	15,846,000	8,377,654	7,700,000	16,077,654
Maryland	26,523	35,000	61,523	145,000	300,000	445,000	171,523	335,000	506,523
Montana	0	13,783	13,783	0	57,335	57,335	0	71,118	71,118
Ohio	97,065	65,783	162,848	699,000	2,500,000	3,199,000	796,065	2,565,783	3,361,848
Oklahoma	0	0	0	208,600	0	208,600	208,600	0	208,600
Virginia	62,275	69,138	131,413	925,000	325,000	1,250,000	987,275	394,138	1,381,413
West Virginia	111,947	0	111,947	582,000	1,633,862	2,215,862	693,947	1,633,862	2,327,809
Total	676,964	270,856	947,820	11,916,600	15,440,762	27,357,362	12,593,564	15,711,618	28,305,182

1/ No grants were awarded in FY 1978.

Table 4.-- INSPECTION AND ENFORCEMENT ACTIVITIES, FY 1978-80.

State or Tribe	Number of-- Inspections (2/)	Inspections FY 1979	Inspections FY 1980	Notices of violation (2/)	Notices of violation FY 1979	Notices of violation FY 1980	Cessation orders (2/)	Cessation orders FY 1979	Cessation orders FY 1980	Citizen complaints 1/ FY 1979	Citizen complaints 1/ FY 1980
Alabama	139	734	2,216	40	176	513	26	56	154	30	73
Alaska	0	0	0	0	0	0	0	0	0	0	0
Arizona 3/											1
Arkansas	24	73	210	8	10	25	5	6	17	0	5
Colorado	16	91	159	4	38	36	0	4	3	0	2
Crow (Montana)	(4/)	(4/)	2	0	(4/)	0	0	0	0	0	0
Georgia	17	14	32	2	2	16	1	0	6	1	1
Hopi (Arizona)	1	0	2	0	0	1	0	0	0	0	0
Illinois	112	452	919	35	88	134	9	8	7	2	8
Indiana	140	576	1,318	83	135	211	5	20	81	24	34
Iowa	29	30	61	5	6	15	0	0	2	0	0
Kansas	34	74	175	1	10	7	0	0	0	5	1
Kentucky	560	3,473	9,721	148	823	2,559	53	186	543	203	352
Maryland	78	199	405	7	23	53	0	0	2	0	2
Missouri	37	106	208	9	16	16	1	8	3	2	8
Montana 5/	12	15	19	0	5	3	0	0	0	0	1
Navajo (Arizona and New Mexico)	1	0	9	0	0	1	0	0	0	0	0
New Mexico 6/	3	11	36	0	2	3	0	0	1	0	0
North Dakota	12	16	23	1	5	3	0	0	0	2	0
Ohio	106	751	3,356	79	272	804	12	25	147	19	34
Oklahoma	75	283	411	11	45	70	2	12	8	2	27
Oregon	1	1	2	0	0	0	0	0	0	0	0
Pennsylvania	434	2,178	7,305	29	406	1,081	3	41	98	162	385
Tennessee	218	1,064	1,710	63	284	481	33	159	256	49	64
Texas	12	25	17	0	2	3	1	1	1	0	0
Utah	12	46	105	2	8	24	0	0	2	2	1
Virginia	333	618	2,300	88	145	453	34	15	80	7	51
Washington	3	4	6	0	0	1	0	0	0	0	0
West Virginia	357	3,053	7,331	43	537	988	7	61	148	44	80
Wyoming	11	42	69	0	17	13	0	0	0	0	0
Total	2,777	13,932	38,129	658	3,055	7,514	193	602	1,559	554	1,130

1/ No data for FY 1978.
2/ May 29-Dec. 31, 1978.
3/ No mining on non-Indian land. See Hopi and Navajo.
4/ Included in Montana data.
5/ See also Crow.
6/ See also Navajo.

Table 5.--ABANDONED MINE RECLAMATION FUND, FY 1978-80.

State or Tribe	FY 1978 Revenue 1/	FY 1978 Allocation to State or Tribe 2/	FY 1979 Revenue 1/	FY 1979 Allocation to State or Tribe 2/	FY 1980 Revenue 1/	FY 1980 Allocation to State or Tribe 2/	Total FY 1978-80 Revenue 1/	Total FY 1978-80 Allocation to State or Tribe 2/
Alabama	$2,643,499	$1,321,750	$5,761,849	$2,880.924	$6,551.240	$3,275,620	$14,956,587	$7,478,294
Alaska	196,454	98,223	255,589	127,795	246,339	123,169	698,373	349,187
Arizona. 3/	75,860	37,930	127,827	63,914	77,490	38,745	281,177	140,588
Arkansas	2,483,731	1,241,866	4,464,179	2,232,090	5,039,074	2,519,537	11,986,985	5,993,492
Colorado	1,177,263	588,632	1,633,390	816,695	972,226	486,113	3,782,879	1,891,439
Crow (Montana)	10,061	(4/)	7,787	(4/)	4,969	(4/)	22,817	(4/)
Georgia	243,706	121,853	391,677	195,838	588,726	294,363	1,224,108	612,054
Hopi (Arizona)	6,656,436	3,328,218	14,795,667	7,397,834	15,262,583	7,631,291	36,714,686	18,357,343
Illinois	4,798,096	2,399,048	9,426,032	4,713,016	10,126,632	5,063,316	24,350,760	12,175,380
Indiana	87,161	43,580	144,780	72,390	222,552	111,276	454,492	227,246
Iowa	363,866	181,933	304,517	152,259	274,612	137,306	942,995	471,497
Kansas	20,385,020	10,192,510	31,177,345	15,588,673	34,643,492	17,321,746	86,205,857	43,102,928
Kentucky	500,230	250,115	793,270	396,635	827,871	413,936	2,121,372	1,060,686
Maryland	1,051,749	525,874	2,377,721	1,188,861	1,987,969	993,984	5,417,439	2,708,719
Missouri	5,374,402	2,687,201	10,827,453	5,413,727	7,386,924	3,693,462	23,588,779	11,794,390
Montana 5/	3,336,586	1,668,293	4,809,881	2,404,940	7,899,354	6/ 3,949,677	16,045,821	8,022,911
Navajo (Arizona and New Mexico)	1,084,869	542,434	5,787,763	2,893,882	1,956,308	6/ 978,154	4,916,324	2,458,162
New Mexico 7/	915,061	457,530	1,260,368	630,184	1,637,859	818,934	3,813,297	1,906,649
North Dakota	7,500,967	3,750,484	11,911,196	5,955,598	11,891,977	5,945,988	31,304,140	15,652,070
Ohio	1,266,433	633,216	1,805,948	902,974	1,742,666	871,333	4,815,047	2,407,523
Oklahoma	12,323,125	6,161,562	22,949,563	11,474,782	22,604,029	11,302,014	57,876,716	28,938,358
Pennsylvania	1,636,494	818,247	2,048,049	1,024,025	2,423,628	1,211,814	6,108,172	3,054,086
Tennessee	1,157,651	578,826	2,295,434	1,147,717	2,641,749	1,320,875	6,094,834	3,047,417
Texas	768,151	384,076	1,571,424	785,712	1,840,971	920,485	4,180,546	2,090,273
Utah	4,505,809	2,252,905	5,933,957	2,966,979	6,623,444	3,311,722	17,063,210	8,531,605
Virginia	1,329,458	(4/)	1,603,547	(4/)	1,789,006	(4/)	4,722,011	(4/)
Washington	9,710,504	4,855,252	19,578,398	9,789,199	21,212,110	10,606,055	50,501,012	25,250,506
West Virginia	13,846,430	6,923,215	21,516,123	10,758,062	30,300,249	15,150,124	65,662,801	32,831,401
Wyoming	105,429,062	52,044,771	185,560,736	91,974,705	194,863,439	96,534,732	485,853,237	240,554,205
Total								

1/ Includes fees and interest.

2/ Under Section 402(g)(2), Congress must appropriate funds, and State reclamation plans must be approved by OSM before allocations can be made available as grants-in-aid. Appropriation of $10 million for FY 1979 was made in expectation that some State plans would be approved in the fiscal year.

3/ No mining on non-Indian lands. See Hopi and Navajo.

4/ No monies allocated because State does not intend to submit a State reclamation plan.

5/ See also Crow.

6/ New Mexico was overstated by $4,418,550.22 in prior years and the Navajo Tribe was understated by $1,100,136.02. Adjustment was mainly due to a memorandum submitted by the Pittsburgh and Midway Coal Co. and to an error in reporting the Navajo Tribe share in both the New Mexico-Public and Navajo Tribe totals and, therefore, double counting. The New Mexico and Navajo adjustment is based on the best information available at the time of the allocations. Final resolution of the stated amounts will be dependent upon additional documentation and the results of congressional consideration of Section 710 legislation.

7/ See also Navajo.

Table 5.--ABANDONED MINE RECLAMATION FUND, FY 1978-80.

State or Tribe	FY 1978 Revenue 1/	FY 1978 Allocation to State or Tribe 2/	FY 1979 Revenue 1/	FY 1979 Allocation to State or Tribe 2/	FY 1980 Revenue 1/	FY 1980 Allocation to State or Tribe 2/	Total FY 1978-80 Revenue 1/	Total FY 1978-80 Allocation to State or Tribe 2/
Alabama	$2,643,499	$1,321,750	$5,761,849	$2,880.924	$6,551.240	$3,275,620	$14,956,587	$7,478,294
Alaska	196,454	98,223	255,589	127,795	246,339	123,169	698,373	349,187
Arizona. 3/								
Arkansas	75,860	37,930	127,827	63,914	77,490	38,745	281,177	140,588
Colorado	2,483,731	1,241,866	4,464,179	2,232,090	5,039,074	2,519,537	11,986,985	5,993,492
Crow (Montana)	1,177,263	588,632	1,633,390	816,695	972,226	486,113	3,782,879	1,891,439
Georgia	10,061	(4/)	7,787	(4/)	4,969	(4/)	22,817	(4/)
Hopi (Arizona)	243,706	121,853	391,677	195,838	588,726	294,363	1,224,108	612,054
Illinois	6,656,436	3,328,218	14,795,667	7,397,834	15,262,583	7,631,291	36,714,686	18,357,343
Indiana	4,798,096	2,399,048	9,426,032	4,713,016	10,126,632	5,063,316	24,350,760	12,175,380
Iowa	87,161	43,580	144,780	72,390	222,552	111,276	454,492	227,246
Kansas	363,866	181,933	304,517	152,259	274,612	137,306	942,995	471,497
Kentucky	20,385,020	10,192,510	31,177,345	15,588,673	34,643,492	17,321,746	86,205,857	43,102,928
Maryland	500,230	250,115	793,270	396,635	827,871	413,936	2,121,372	1,060,686
Missouri	1,051,749	525,874	2,377,721	1,188,861	1,987,969	993,984	5,417,439	2,708,719
Montana 5/	5,374,402	2,687,201	10,827,453	5,413,727	7,386,924	3,693,462	23,588,779	11,794,390
Navajo (Arizona and New Mexico)	3,336,586	1,668,293	4,809,881	2,404,940	7,899,354	6/ 3,949,677	16,045,821	8,022,911
New Mexico 7/	1,084,869	542,434	5,787,763	2,893,882	1,956,308	6/ 978,154	4,916,324	2,458,162
North Dakota	915,061	457,530	1,260,368	630,184	1,637,859	818,934	3,813,297	1,906,649
Ohio	7,500,967	3,750,484	11,911,196	5,955,598	11,891,977	5,945,988	31,304,140	15,652,070
Oklahoma	1,266,433	633,216	1,805,948	902,974	1,742,666	871,333	4,815,047	2,407,523
Pennsylvania	12,323,125	6,161,562	22,949,563	11,474,782	22,604,029	11,302,014	57,876,716	28,938,358
Tennessee	1,636,494	818,247	2,048,049	1,024,025	2,423,628	1,211,814	6,108,172	3,054,086
Texas	1,157,651	578,826	2,295,434	1,147,717	2,641,749	1,320,875	6,094,834	3,047,417
Utah	768,151	384,076	1,571,424	785,712	1,840,971	920,485	4,180,546	2,090,273
Virginia	4,505,809	2,252,905	5,933,957	2,966,979	6,623,444	3,311,722	17,063,210	8,531,605
Washington	1,329,458	(4/)	1,603,547	(4/)	1,789,006	(4/)	4,722,011	(4/)
West Virginia	9,710,504	4,855,252	19,578,398	9,789,199	21,212,110	10,606,055	50,501,012	25,250,506
Wyoming	13,846,430	6,923,215	21,516,123	10,758,062	30,300,249	15,150,124	65,662,801	32,831,401
Total	$105,429,062	$52,044,771	$185,560,736		$194,863,439	$96,534,732	$485,853,237	$240,554,205

1/ Includes fees and interest.

2/ Under Section 402(g)(2), Congress must appropriate funds, and State reclamation plans must be approved by OSM before allocations can be made available as grants-in-aid. Appropriation of $10 million for FY 1979 was made in expectation that some State plans would be approved in the fiscal year.

3/ No mining on non-Indian lands. See Hopi and Navajo.

4/ No monies allocated because State does not intend to submit a State reclamation plan.

5/ See also Crow.

6/ New Mexico was overstated by $4,418,550.22 in prior years and the Navajo Tribe was understated by $1,100,136.02. Adjustment was mainly due to a memorandum submitted by the Pittsburgh and Midway Coal Co. and to an error in reporting the Navajo Tribe share in both the New Mexico-Public and Navajo Tribe totals and, therefore, double counting. The New Mexico and Navajo adjustment is based on the best information available at the time of the allocations. Final resolution of the stated amounts will be dependent upon additional documentation and the results of congressional consideration of Section 710 legislation.

7/ See also Navajo.

Table 6.--NUMBER OF ABANDONED MINE RECLAMATION PROJECTS AND FUNDS OBLIGATED, FY 1978-80.[1/]

State or Tribe	Emergency projects		High-priority projects		Total	
	No.	Amount obligated	No.	Amount obligated	No.	Amount obligated
Alabama	0	0	10	$889,400	10	$889,400
Alaska	0	0	0	0	0	0
Arizona. [2/]						
Arkansas	1	$15,000	6	34,800	7	49,800
Colorado	14	69,800	3	94,100	17	163,900
Crow (Montana)	0	0	0	0	0	0
Georgia	0	0	0	0	0	0
Hopi (Arizona)	0	0	0	0	0	0
Illinois	9	145,900	25	1,773,900	34	1,919,800
Indiana	2	7,600	7	138,000	9	145,600
Iowa	2	81,400	2	39,900	4	121,300
Kansas	3	315,000	1	850,000	4	1,165,000
Kentucky	20	1,213,900	21	10,725,500	41	11,939,400
Maryland	0	0	2	1,164,700	2	1,164,700
Missouri	0	0	4	4,218,000	4	4,218,000
Montana[3/]	0	0	7	410,100	7	410,100
Navajo (Arizona and New Mexico)	0	0	0	0	0	0
New Mexico [4/]	0	0	13	285,900	13	285,900
North Dakota	1	300	4	871,500	5	871,800
Ohio	10	177,900	29	6,830,500	39	7,008,400
Oklahoma	0	0	4	140,000	4	140,000
Pennsylvania	34	3,558,900	51	16,078,700	85	19,637,600
Rhode Island	1	3,000	0	0	1	3,000
Tennessee	0	0	4	3,513,700	4	3,513,700
Texas	0	0	3	759,000	3	759,000
Utah	0	0	0	0	0	0
Virginia	2	65,000	15	4,246,900	17	4,311,900
Washington	0	0	5	35,300	5	35,300
West Virginia	21	506,300	12	6,529,700	33	7,036,000
Wyoming	4	43,900	4	468,900	8	512,800
Total	124	6,203,900	232	60,098,500	358	66,758,300

1/ Includes two projects (Young Adult Conservation Corps and Bureau of Mines) for $456,000.
2/ See Hopi and Navajo.
3/ See also Crow.
4/ See also Navajo.

Table 7.--MINERAL INSTITUTES GRANTS, FY 1978-80.

Mineral Institute		Type of grant								Total			
		Scholarship/ fellowship[1/]			Research[2/]		Allotment[3/]						
State	Institution	FY 1978	FY 1979	FY 1980	FY 1979	FY 1980	FY 1978	FY 1979	FY 1980	FY 1978	FY 1979	FY 1980	FY 1978-80
Alabama-------	University of Alabama-	---	$160,000	---	$192,102	$200,063	---	$110,000	$110,000	---	$462,102	$310,063	$772,165
Alaska--------	University of Alaska--	$160,000	---	---	59,637	53,541	$110,000	110,000	82,500	$270,000	169,637	136,041	575,678
Arizona-------	University of Arizona-	160,000	---	---	77,597	302,492	110,000	110,000	82,500	270,000	187,597	384,992	842,589
California----	University of California, Berkeley.	160,000	---	---	138,932	280,122	110,000	110,000	82,500	270,000	248,932	362,622	881,554
Colorado------	Colorado School of Mines.	160,000	---	---	124,626	248,714	110,000	110,000	82,500	270,000	234,626	331,214	835,840
Georgia-------	Georgia Institute of Technology.	---	---	$160,000	---	67,798	---	---	110,000	---	---	337,798	337,798
Idaho---------	University of Idaho---	160,000	---	---	68,922	49,656	110,000	110,000	82,500	270,000	178,922	132,156	581,078
Illinois------	Southern Illinois University.	160,000	---	---	273,181	608,707	110,000	110,000	82,500	270,000	383,181	691,207	1,344,388
Indiana-------	Purdue University-----	---	---	160,000	---	207,285	---	---	110,000	---	---	477,285	477,285
Iowa----------	Iowa State University-	---	---	160,000	---	50,948	---	---	110,000	---	---	320,948	320,948
Kentucky------	University of Kentucky.	160,000	---	---	195,013	379,536	110,000	110,000	82,500	270,000	305,013	462,036	1,037,049
Louisiana-----	Louisiana State University.	---	---	160,000	---	72,510	---	---	110,000	---	---	342,510	342,510
Massachusetts-	Massachusetts Institute of Technology.	160,000	---	---	52,700	227,183	110,000	110,000	82,500	270,000	162,700	309,683	742,383
Michigan------	Michigan Technological University.	---	160,000	---	---	270,123	---	110,000	110,000	---	270,000	380,123	650,123
Minnesota-----	University of Minnesota	160,000	---	---	100,573	105,488	110,000	110,000	82,500	270,000	210,573	187,988	668,561
Mississippi---	University of Mississippi----------	160,000	---	---	54,857	104,789	110,000	110,000	82,500	270,000	164,857	187,289	622,146
Missouri------	University of Missouri	160,000	---	---	57,064	169,734	110,000	110,000	82,500	270,000	167,064	252,234	689,298
Montana-------	Montana College of Mineral Science and Technology.	160,000	---	---	253,698	244,046	110,000	110,000	82,500	270,000	363,698	326,546	960,244
Nevada--------	University of Nevada--	---	---	160,000	---	48,515	---	---	110,000	---	---	318,515	318,515
New Mexico----	New Mexico Institute of Mining and Technology.	160,000	---	---	178,046	223,763	110,000	110,000	82,500	270,000	288,046	306,263	864,309
North Dakota--	University of North Dakota.	---	---	160,000	---	54,760	---	---	110,000	---	---	324,760	324,760
Ohio----------	Ohio State University-	160,000	---	---	261,983	146,605	110,000	110,000	82,500	270,000	371,983	229,105	871,088
Oklahoma------	University of Oklahoma	160,000	---	---	55,037	54,027	110,000	110,000	82,500	270,000	165,037	136,527	571,564
Pennsylvania--	Pennsylvania State University.	160,000	---	---	235,568	401,694	110,000	110,000	82,500	270,000	345,568	484,194	1,099,762
South Dakota--	South Dakota School of Mines.	---	---	160,000	---	71,970	---	---	110,000	---	---	341,970	341,970
Texas---------	University of Texas---	160,000	---	---	49,761	44,077	110,000	110,000	82,500	270,000	159,761	126,577	556,338
Utah----------	University of Utah----	160,000	---	---	208,813	250,586	110,000	110,000	82,500	270,000	318,813	333,086	921,899
Virginia------	Virginia Polytechnic Institute and State University.	---	---	160,000	---	197,003	---	---	110,000	---	---	467,003	467,003
Washington----	University of Washington.	---	---	160,000	---	29,184	---	---	110,000	---	---	299,184	299,184
West Virginia-	West Virginia University.	160,000	---	---	80,080	120,721	110,000	110,000	82,500	270,000	190,080	203,221	663,301
Wyoming-------	University of Wyoming-	160,000	---	---	19,536	14,370	110,000	110,000	82,500	270,000	129,536	96,870	496,406
Total----------		3,200,000	320,000	1,440,000	2,737,726	5,300,010	2,200,000	2,420,000	2,860,000	5,400,000	5,477,726	9,600,010	20,477,736

1/ Grant for a 3-year period when an institute is designated.
2/ No research grants in FY 1978.

Table 8.--APPROPRIATIONS, BY ACTIVITY, FY 1978-80, AND APPROPRIATIONS AVAILABLE, OBLIGATIONS, AND UNOBLIGATED BALANCE, FY 1980.

(millions of dollars)

Activity	Appropriations FY 1978	Appropriations FY 1979	Appropriations FY 1980	Appropriations available FY 1980 1/	Obligations FY 1980	Unobligated balance FY 1980
REGULATION AND TECHNOLOGY						
State Regulatory Program Grants						
Initial Regulatory Program	$6.1	$13.4	$16.1	---	---	---
Permanent Regulatory Program	5.0	4.0	1.6	---	---	---
Permanent Program Operations	---	1.5	4.0	---	---	---
Subtotal	11.1	18.9	21.7	21.7	19.5	2.2
Federal Regulatory Programs						
State and Federal Programs	2.8	4.0	14.4	14.4	13.1	1.3
Federal Inspection and Enforcement	5.5	13.4	16.6	16.6	16.2	.4
Technical Services	5.8	6.8	7.0	7.0	6.6	.4
Subtotal	14.1	24.2	38.0	38.0	35.9	2.1
Mineral Institutes						
Grants	5.4	5.4	9.6	9.6	9.6	0
Program Administration	.3	.4	.4	.4	.4	0
Subtotal	5.7	5.8	10.0	10.0	10.0	0
Small Operator Assistance Payments	---	5.0	15.0	15.0	15.0	15.0
Total	30.9	53.9	84.7	84.7	80.4	4.3
ABANDONED MINE RECLAMATION FUND						
State Reclamation Grants	---	10.0	25.0	32.2	4.1	28.1
Federal Reclamation Programs						
Fund Management	4.8	8.7	9.1	18.2	12.5	5.7
Interior Reclamation Projects	15.8	21.9	39.4	59.3	61.1	(1.8)
Technical Support	1.0	.8	1.2	1.8	1.1	.7
Rural Lands Program	5.0	10.1	10.1	14.5	13.4	1.1
Subtotal	26.6	41.5	59.8	93.8	88.1	5.6
Small Operator Assistance Payments	10.0	10.0	10.0	22.4	1.6	20.8
Total	36.6	61.5	94.8	148.4	93.8	54.5
Grand total	67.5	115.4	179.5	233.0	174.2	58.8

1/ Includes available balances of preceding year.

Table 9.--OFFICE OF SURFACE MINING STAFFING, FY 1979-80.

Location	(1/) Authorized	(1/) On duty	FY 1979 Authorized	FY 1979 On duty	FY 1980 Authorized	FY 1980 On duty	FY 1980 Selected, not yet reported	FY 1980 Total	Vacant positions
FULL-TIME PERMANENT									
Washington, D.C.-	247	161	271	249	265	237	0	237	28
Region I---------	231	102	229	198	225	186	0	186	39
Region II--------	213	85	211	199	210	181	0	181	29
Region III-------	116	69	117	111	116	107	1	108	8
Region IV--------	90	45	92	85	95	85	0	85	10
Region V---------	90	45	102	75	114	95	0	95	19
Total---------	987	507	1,022	917	1,025	891	1	892	133
PART-TIME PERMANENT									
Washington, D.C.----------						39	0	39	
Region I----------						15	0	15	
Region II----------						19	0	19	
Region III----------						10	1	11	
Region IV----------						7	0	7	
Region V----------						7	0	7	
Total----------						97	1	98	
Grand total----------						988	2	990	

1/ As of January 4, 1979.

Table 10.--NUMBER AND TYPE OF COAL MINE OPERATIONS, AND PRODUCTION, FY 1980.[1]

[S, surface mines; U, underground mines]

State or Tribe	Number and type of mines		Total production (tons) 1/
	S	U	
Alabama	834	30	25,074,772
Alaska	1	0	703,824
Arizona. 2/	11	0	237,813
Arkansas	34	32	18,271,990
Colorado	1	0	3,398,715
Crow (Montana)	11	0	21,896
Georgia	1	0	1,371,467
Hopi (Arizona)	144	40	62,582,266
Illinois	329	4	29,793,775
Indiana	8	1	709,195
Iowa	11	0	875,754
Kansas	3,249	1,229	142,479,018
Kentucky	134	6	3,013,593
Maryland	15	0	5,639,242
Missouri	11	1	28,717,317
Montana 3/	1	0	10,089,356
Navajo:			
Arizona	4	0	10,237,158
New Mexico	9	3	7,011,818
New Mexico 4/	14	0	16,739,179
North Dakota	982	35	41,715,835
Ohio	55	1	5,385,206
Oklahoma	3,340	98	91,596,282
Pennsylvania	603	129	9,503,010
Tennessee	12	0	28,261,972
Texas	0	26	11,830,623
Utah	284	647	34,573,910
Virginia	3	0	5,111,446
Washington	1,112	1,333	111,651,699
West Virginia	30	4	86,591,434
Wyoming			
Total	11,243	3,619	793,189,565

1/ Based on fee-compliance records.
2/ See Hopi and Navajo.
3/ See also Crow.
4/ See also Navajo.