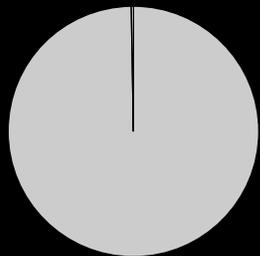


Arkansas



Production tonnage 1978-1997

U.S. Total
 Arkansas Coal Production

Smallest primacy state coal production

Bituminous and semi-anthracite coal reserves underlie about 1,400 square miles of Arkansas, less than 2.7 percent of the state's total area. These deposits, located near the western border, contain an estimated 2.2 billion tons, of which about half are recoverable. They represent less than one-tenth of one percent of the national reserves. Most of the commercial coal is mined from thin beds that are at least 14 inches thick. In some locations, however, the coal beds can be as much as eight feet thick. Lignite was mined in southern Arkansas before the Civil War. Current estimates indicate that the lignite reserves may be as high as 9 billion tons, which could be used in the state's coal-fired electric generating plants; however, these deposits are not being mined at present. Because many coal operations in Arkansas are small and the demand for coal is unsteady, the industry employs fewer than 25 miners on a daily basis.

Arkansas gained primacy when its regulatory program was conditionally approved November 21, 1980, subject to the correction of four minor program deficiencies. The regulatory program was fully approved January 22, 1982. Authority for the state to administer its Abandoned Mine Land Reclamation Program was granted upon approval of the Arkansas Reclamation Plan on May 2, 1983. Arkansas was the first state to assume responsibility for abandoned mine land emergency projects when its Reclamation Plan was approved.

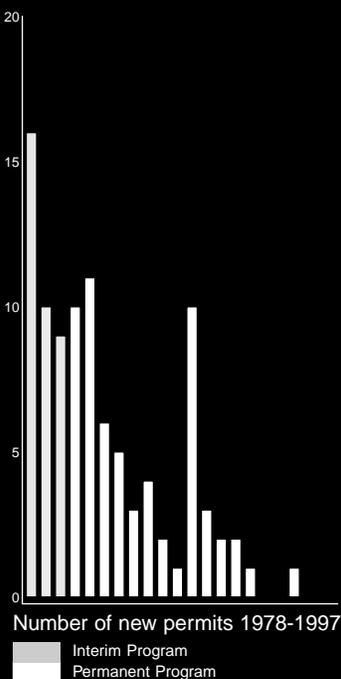
Since 1977, the Office of Surface Mining has completed one emergency project and the state has completed six.

The Arkansas Abandoned Mine Land program has completed high-priority projects that have eliminated dangerous highwalls and refuse piles and embankments. In addition, the Rural Abandoned Mine Land Program has also completed projects costing more than \$5.6 million in Arkansas.

The Abandoned Mine Land Inventory currently contains over \$19 million of high priority and \$7 million of environmental problems remaining to be reclaimed. These abandoned mine problems are primarily dangerous highwalls, refuse piles and embankments, and hazardous water bodies. Arkansas receives the minimum program reclamation grant of \$1.5 million annually.

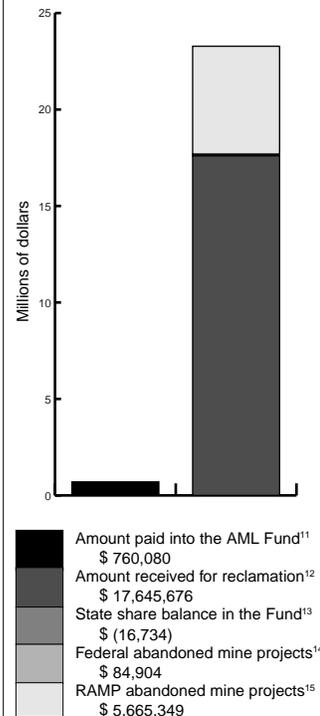
coal production¹⁰

	1978		1997		1978-1997 Rank
	Amount	Percent U.S. Total	Amount	Percent U.S. Total	
Tons Produced					
Surface	313,005	0.1%	17,417	0.003%	25
Underground	6,968	0.004%	0	0%	17
Lignite	0	0%	0	0%	6
Total	319,973	0.07%	17,417	0.001%	28
Number of Producing Mines					
Surface (bituminous coal)	20	0.6%	4	0.1%	15
Underground	1	0.03%	1	0.05%	18
Lignite (surface)	0	0%	0	0%	8
Total	21	0.3%	5	0.12%	17
Mine Production					
Average	15,236	21%	4,354	1.6%	
>1,000,000 tons	0	0%	0	0%	
300,000-1,000,000 tons	0	0%	0	0%	
<300,000 tons	21	0.3%	5	0.1%	



Number of new permits 1978-1997

Interim Program
 Permanent Program



Amount paid into the AML Fund¹¹
 \$ 760,080
 Amount received for reclamation¹²
 \$ 17,645,676
 State share balance in the Fund¹³
 \$ (16,734)
 Federal abandoned mine projects¹⁴
 \$ 84,904
 RAMP abandoned mine projects¹⁵
 \$ 5,665,349

Active mining and reclamation¹⁶

	1978	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	Total
Number of New Permits																					
Surface Mining	16	10	9	8	11	6	5	3	4	2	1	5	3	2	3	0	0	0	1	0	89
Underground Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Other	0	0	0	2	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	7
Acreage Permitted																					
Surface Mining	413	385	381	1,216	141	75	21	227	91	19	184	174	110	15	67	0	0	0	46	0	3,565
Underground Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	0	0	0	0	71
Other	0	0	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
Acreage of Bond Release																					
Interim Prog. (final)	0	0	0	0	0	0	0	0	0	NA	NA	0	0	0	0	0	0	0	0	0	0
Phase 1	0	0	0	0	0	0	0	0	0	NA	NA	35	74	181	54	41	0	0	18	0	403
Phase 2	0	0	0	0	0	0	0	0	0	NA	NA	83	12	20	0	42	72	0	0	0	229
Phase 3	0	0	0	22	13	20	2	2	21	0	NA	58	43	28	38	186	49	14	3	133	633
Inspections																					
Complete	40	88	159	52	179	193	202	224	273	239	186	160	161	133	155	138	129	117	82	79	2,989
Partial	20	90	84	7	209	323	321	391	302	277	257	220	228	205	207	274	253	230	147	162	4,207
Oversight	0	0	0	NA	NA	45	42	68	NA	43	31	11	22	16	26	23	23	25	15	13	403
Citations Issued																					
NOV's	10	14	17	0	108	165	260	75	53	30	32	15	15	17	14	5	4	2	12	7	855
CO's	4	9	15	0	7	19	46	7	12	3	2	2	5	0	0	0	0	0	3	0	134

Abandoned coal mine reclamation 1977-1997¹⁷

	Reclaimed Problems			Remaining Problems	
	OSM Emergency	State Emergency	Non-Emergency	Number	Estimated Cost
Priority 1 & 2 (Protection of Public Health, Safety, and General Welfare) and Emergency Projects					
Clogged Streams (miles)	0	0	0.5	6.0	\$ 470,000
Clogged Stream Lands (acres)	0	0	6.0	0.0	0
Highwalls (feet)	0	0	88,046.0	80,438.0	9,489,959
Impoundments (count)	0	0	3.0	0.0	0
Piles & Embankments (acres)	0	0	2,482.0	707.0	4,618,601
Slides (acres)	0	0	100.0	0.0	0
Gases (count)	0	0	0.0	0.0	0
Equipment & Facilities (count)	0	0	2.0	7.0	170,000
Water Bodies (count)	0	0	71.0	39.0	4,249,615
Industrial Waste (acres)	0	0	246.0	1.0	2,000
Portals (count)	0	1.0	25.0	11.0	62,000
Polluted Water: Agriculture & Industrial (count)	0	0	0.0	0.0	0
Polluted Water: Human Consumption (count)	0	0	0.0	0.0	0
Subsidence (acres)	0	3.0	23.0	6.0	165,000
Surface Burning (acres)	4.8	4.0	0.0	0.0	0
Underground Mine Fires (acres)	0	0	0.0	0.0	0
Vertical Openings (count)	0	5.0	80.0	14.0	115,000
Total					\$ 19,342,175
Priority 3 (Environmental Restoration)					
Bench (acres)	0	0	0	0.0	\$ 0
Industrial Waste (acres)	0	0	0	0.0	0
Equipment & Facilities (count)	0	0	0	0.0	0
Gob (acres)	0	0	0	26.0	320,000
Highwall (feet)	0	0	0	4,000.0	100,000
Haul Road (acres)	0	0	0	0.0	0
Mine Opening (count)	0	0	0	8.0	46,000
Pit (acres)	0	0	0	87.0	370,000
Spoil Area (acres)	0	0	0	1,872.0	6,084,000
Slurry (acres)	0	0	0	9.0	29,000
Slump (acres)	0	0	0	0.0	0
Water (gallons/minute)	0	0	0	20.0	78,000
Total					\$ 7,027,000