

Georgia

Lowest coal production over 20-year period

Coal is found in the northeast corner of Georgia, in Dade, Chatanooga, Walker, and Floyd Counties. Five seams, which underlie all of Lookout, Sand, and Pigeon Mountains, have produced most of the coal mined in the state. Abandoned mines, some associated with Confederate coal mining during the Civil War, are located in this coal field.

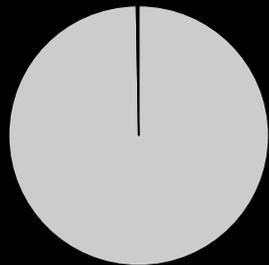
Analysis of Georgia coal reserves show that they are typically low sulfur (less than one percent), low-to-medium volatile, bituminous deposits. Although there is currently no active coal mining in the state, there was some surface and underground mining during the late 1970's and early 1980's.

In 1983 the State of Georgia relinquished primacy to the Office of Surface Mining. Since that time permits have been issued and mining and reclamation operations inspected by the Office of Surface Mining Knoxville Field Office.

Since 1977, no abandoned mine emergency abatement projects have been needed in Georgia. However, over \$3 million has been spent on high-priority health and safety problems. The most costly projects have been 4 large highwall reclamation projects and \$1.3 million spent to eliminate the degradation of drinking water that was being severely impacted by sediment and acid-laden water coming from three abandoned mine sites. In addition, 85 portals and 8 vertical shafts have been sealed to prevent possible injury or death. All abandoned mine land reclamation in Georgia is completed by the Office of Surface Mining. The 1992 inventory of abandoned mine land sites in Georgia identified 13 high-priority problem areas in need of reclamation at an estimated cost of \$512,000, and 4 Priority 3 sites that were in need of reclamation. During the past five years the Office of Surface Mining has completed reclamation on projects approximately equal to the cost of Georgia's remaining inventory of high priority problems.

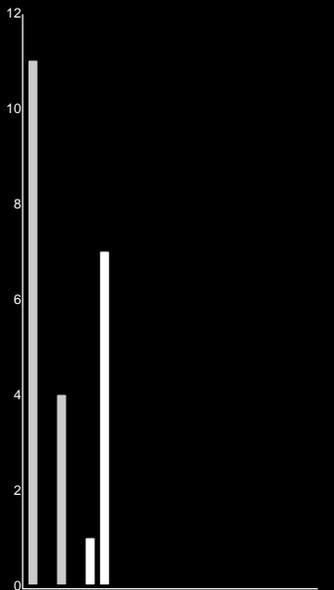
coal production¹⁰

	1978		1997		1978-1997 Rank
	Amount	Percent U.S. Total	Amount	Percent U.S. Total	
Tons Produced					
Surface	58,558	0.02%	0	0%	27
Underground	0	0%	0	0%	18
Lignite	0	0%	0	0%	0
Total	58,558	0.01%	0	0%	29
Number of Producing Mines					
Surface (bituminous coal)	4	0.1%	0	0%	27
Underground	0	0%	0	0%	19
Lignite (surface)	0	0%	0	0%	0
Total	4	0.06%	0	0%	29
Mine Production					
Average	14,639	20.6%	0	0%	
>1,000,000 tons	0	0%	0	0%	
300,000-1,000,000 tons	0	0%	0	0%	
<300,000 tons	4	0.07	0	0%	



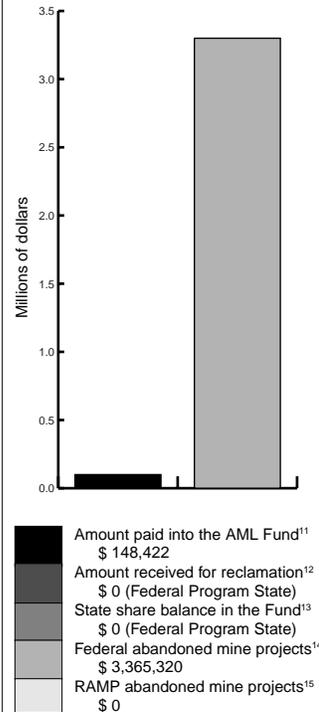
Production tonnage 1978-1997

U.S. Total
Georgia coal production



Number of new permits 1978-1997

Interim Program
Permanent Program



Amount paid into the AML Fund¹¹
\$ 148,422
Amount received for reclamation¹²
\$ 0 (Federal Program State)
State share balance in the Fund¹³
\$ 0 (Federal Program State)
Federal abandoned mine projects¹⁴
\$ 3,365,320
RAMP abandoned mine projects¹⁵
\$ 0

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	11	0	4	0	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Underground Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acreage Permitted																					
Surface Mining	NA	0	NA	0	166	144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	310
Underground Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acreage of Bond Release																					
Interim Prog. (final)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phase 1	0	0	0	0	0	303	0	0	0	0	0	0	0	0	0	0	0	0	0	0	303
Phase 2	0	0	0	0	0	0	0	0	0	303	0	0	0	0	0	0	0	0	0	0	303
Phase 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	303	0	303
Inspections																					
Complete	17	14	32	21	56	13	NA	36	NA	NA	NA	NA	NA	NA	NA	NA	58	2	12	4	265
Partial	0	0	0	8	21	2	NA	21	NA	NA	NA	NA	NA	NA	NA	NA	16	9	12	1	90
Oversight	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citations Issued																					
NOV's	2	2	16	4	5	0	NA	4	0	0	0	0	0	0	0	0	0	0	0	0	33
CO's	1	0	6	6	1	0	NA	2	0	0	0	0	0	0	0	0	0	0	0	0	16

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	0	\$ 0
Clogged Stream Lands (acres)	0	0	0	0	0
Highwalls (feet)	0	0	6,200.0	1,450.0	325,000
Impoundments (count)	0	0	3.0	0	0
Piles & Embankments (acres)	0	0	2.5	0	0
Slides (acres)	0	0	0	0	0
Gases (count)	0	0	0	0	0
Equipment & Facilities (count)	0	0	0	0	0
Water Bodies (count)	0	0	0	0	0
Industrial Waste (acres)	0	0	0	0	0
Portals (count)	0	0	85.0	33.0	162,000
Polluted Water: Agriculture & Industrial (count)	0	0	0	0	0
Polluted Water: Human Consumption (count)	0	0	1.0	0	0
Subsidence (acres)	0	0	0.1	0	0
Surface Burning (acres)	0.1	0	0	0	0
Underground Mine Fires (acres)	0	0	0	0	0
Vertical Openings (count)	0	0	8.0	3.0	25,000
Total	0	0	0	0	\$ 512,000
Priority 3 (Environmental Restoration)					
Bench (acres)	0	0	3.0	4.0	\$ 8,000
Industrial Waste (acres)	0	0	0	0	0
Equipment & Facilities (count)	0	0	0	0	0
Gob (acres)	0	0	2.5	4.0	8,000
Highwall (feet)	0	0	400.0	300.0	50,000
Haul Road (acres)	0	0	2.0	0	0
Mine Opening (count)	0	0	0	0	0
Pit (acres)	0	0	3.0	2.0	12,000
Spoil Area (acres)	0	0	7.0	13.0	50,000
Slurry (acres)	0	0	0	0	0
Slump (acres)	0	0	0	0	0
Water (gallons/minute)	0	0	0	2.0	10,000
Total	0	0	0	0	\$ 138,000