



STATE OF TENNESSEE
DEPARTMENT OF CONSERVATION
DIVISION OF GEOLOGY
NASHVILLE, TENNESSEE

COAL MINING IN TENNESSEE
(as of November 1974)

By

A. R. LEAMON and S. W. MAHER

Information Circular 17

STATE OF TENNESSEE
Ray Blanton, Governor



DEPARTMENT OF CONSERVATION
B. R. Allison, Commissioner



DIVISION OF GEOLOGY
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COAL MINING IN TENNESSEE

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A. R. LEAMON¹ AND S. W. MAHER²

INTRODUCTION

This report is designed to provide in summary form information about Tennessee's coal industry as of late 1974. Most of the data is shown by graphs, or in tabular form. Sources of useful information on coal are given in a selected bibliography, and governmental agencies directly concerned with coal industry operations are listed in the appendix.

This is not a definitive report on coal resources, coal geology, or the coal industry. The latter in particular is subject to rapid change. However, we believe this report does provide a view of operations of current interest.

Perhaps the outstanding characteristic of our technological society is its ability to generate and use very large amounts of energy. This ability is fundamental to a modern industrial economy and sets it apart from other societies. This ability is relatively new in human history, and in fact, dates back only about 100 years.

The importance of these facts is emphasized by a brief historical review. Between 1850 and 1907 U.S. coal consumption doubled every 10.5 years. The year 1885 was the first in which coal surpassed wood (in the United States) as the leading fuel. Since 1920 consumption has averaged 550 million tons per year. This means that in the last 30 years we have mined more than half of all the coal we have ever produced. Other energy sources, notably petroleum and natural gas, began to supply significant amounts of energy in the 1920's. By 1946 these hydrocarbons surpassed coal as sources of energy. More than half of all of this country's petroleum and natural gas production has occurred since 1956.

Two facts are apparent: 1. Consumption of non-renewable resources has been, and is, very large, and; 2. The relative amounts of energy derived from various sources have

changed as total energy use has grown very rapidly, as shown in the following table:

TABLE 1.—SOURCES OF ENERGY IN THE U.S., BY YEAR AND PERCENT OF TOTAL
[U.S. Bureau of Mines]

	1920	1950	1973
Coal	78%	38%	18%
Oil	14	39	46
Natural gas	4	18	31
Hydropower	4	5	4
Nuclear	--	--	1

New and exotic sources of energy, such as the breeder reactor, magnetohydrodynamics (MHD), solar energy, and fusion reactors, are being studied and may eventually provide the energy needed to keep our industrial society functioning. Responsible estimates, however, assure us that it will be some time in the 21st century, at best, before our dependence on mineral fuels is at an end.

In assessing sources of energy for the near term future, (say, the next 50 years), the potential significance of coal is obvious. Reserve figures are admittedly estimates, involve uncertainties, and differ from source to source. In the instance of fuel minerals (coal, petroleum, natural gas, and uranium) numerous and varying estimates have been made. Although the estimates by various authorities differ, in some instances considerably, there is also a significant consensus. All agree that coal reserves considerably exceed reserves of other mineral fuels.

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M. King Hubbert¹, for example, has projected that by the year 2020 we shall have consumed 80 percent of the oil originally in the ground; 80 percent of the natural gas by 2015; but not until 2440 will we deplete coal by 80 percent. Prof. Auer² of Cornell University used another approach. He converted the reserves into energy equivalents designated "Q's"³ to allow comparison between oil, coal, etc. Auer's estimates include allowance for "undiscovered deposits." He estimates coal can supply 33.7 Q, natural gas 1.5 Q, petroleum 1.6 Q, and uranium 7 Q.

Paul Averitt (1973, p. 133) estimated U.S. coal resources remaining in the ground on January 1, 1972 at 3,224 billion tons. Forty-nine percent of this total he classed as identified, the remaining fifty-one percent as hypothetical. Averitt noted that measured in energy equivalents, this coal resource exceeds the total of petroleum, natural gas, and oil shale.

Tennessee's coal resources were estimated by Luther (1959) as totaling slightly over 1 billion tons of recoverable

coal (that is, coal in seams 28 inches or more thick and allowing for only 50 percent recovery). This estimate, because of the constraints imposed, is a conservative one. Exploration programs conducted since 1959 have added to the reserves, although no new estimate of total reserves has been made. Recent coal price increases could also permit mining of seams formerly considered too thin, too deep, or too far from ready transportation to market. In any event, coal is obviously Tennessee's best established energy resource.

It appears, then, that in the near future, both nationally and in Tennessee, we must look to coal for energy supplies. If present trends toward increased energy demand and reduced availability of oil and gas continue, the implication is that coal mining must expand. Therefore, the question is not whether we shall mine coal, but how shall we mine (or recover the energy) in order to minimize the environmental problems resulting from the extraction and burning of coal.

TABLE 2.—ACTIVE COAL MINING OPERATIONS IN TENNESSEE, AS OF NOVEMBER 1974.

[Numbers refer to locations on map in pocket]

<i>Underground Mines</i>					
Number	<i>Coal Company Address & Phone</i>	<i>Principal Official Mine Superintendent</i>	<i>Seam Transportation</i>	<i>No. Employees Annual Prod. County in tons (Est.) Quadrangle</i>	<i>County Quadrangle</i>
1	B & B Coal Company 303 Highstreet Jellico, Tennessee. 37762	Charlie Bowlin Charlie Bowlin	Jellico Truck	6 10,000	Campbell Jellico West
2	Big Four Coal Company Route 1 Duff, Tenn. 37729 615-424-8486	Charles Ayers Carl Baird	Poplar Creek Truck	4 10,000	Campbell Ivydell
3	Black Oak Coal Company Box 142 Huntsville, Tenn. 37756	George Potter Sam Potter	Wilder Truck	4 24,000	Scott Honey Creek
4	C & W Coal Company # 1 Elk Valley, Tenn. 37734	Tommy Lee Collins Tommy Lee Collins	Jellico Truck	2 3,000	Campbell Pioneer
5	C. S. W. Coal Company # 1 Route 1 Devonia, Tenn. 37762 615-562-8139	Luther Carroll Luther Carroll	Rock Spring Southern R.R.	5 20,000	Campbell Block
6	Campbell Coal Company # 1 General Delivery La Follette, Tenn. 37766	Harrison Campbell Irwin Campbell	Blue Gem Truck	15 20,000	Campbell Ivydell
7	Chestnut Coal Company, Inc. # 23 Box 878 Jasper, Tenn. 37347	Larry Flynn Willis Flynn	Sewanee Truck	23 50,000	Sequatchie Palmer
8	Chester Meeks Coal Company # 19 Tracy City, Tenn. 37387	Chester Meeks Chester Meeks	Sewanee Truck - Barge	5 6,000	Marion Palmer
9	C. L. Kline # 6 Robbins, Tenn. 37852	C. L. Kline C. L. Kline	Poplar Creek Truck Southern R.R.	9 10,000	Scott Robbins
10	Clear Creek Coal Co., Inc. # 2 P. O. Box 206 Monterey, Tenn. 38574	H. W. Talkington Talmage Welch	Wilder Southern R.R.	36 90,000	Putnam Campbell Junction

¹Hubbert, M. King, 1969, *Energy Resources in Resources and Man*: National Academy of Science — National Research Council, Committee on Resources and Man, pp. 157-242.

²Auer, P. L., 1974, *An Integrated National Energy Research and Development Program*: Science, Vol. 184, No. 4134, pp. 295-301.

³One "Q" = 1.06×10^{21} joules. A joule is a unit of energy equal to the work done when a current of 1 ampere is passed through a resistance of 1 ohm for 1 second.

TABLE 2.—(continued)

<i>Number</i>	<i>Coal Company Address & Phone</i>	<i>Principal Official Mine Superintendent</i>	<i>Seam Transportation</i>	<i>No. Employees Annual Prod. in tons (Est.)</i>	<i>County Quadrangle</i>
11	Dan Branch Mining Company, Inc. # 1 P. O. Box 66 Jacksboro, Tenn. 37757	Harold Asbury Dilbeck	Pioneer Southern R.R.	7 15,000	Campbell Pioneer
12	Deep Hollow Coal Company Route 1 Briceville, Tenn. 37710	Jonas Phillips Jonas Phillips	Joyner Truck	8 12,000	Anderson Duncan Flats
13	Deep Mine Coal Company Route 2 Caryville, Tenn. 37714 615-562-8918	Hansford Hatmaker Wayne Morgan	Dean Truck	4 8,000	Campbell Jacksboro
14	Devonia Coal Corp. Walnut Mtn. # 1 P. O. Box 500 Oliver Springs, Tenn. 37840	Curt Owens Lonnie Bowling	Walnut Mtn. Truck Southern R.R.	9 12,000	Anderson Fork Mtn.
15	Earl & Ricky Coal Company Route 1 Devonia, Tenn. 37728	Earl Phillips	Walnut Mtn. Truck	9 12,000	Campbell Duncan Flats
16	Earl Patton Coal Company # 1 Route 1, Box 12-B Dunlap, Tenn. 37327	Earl Patton Earl Patton	Sewanee Truck	9 12,000	Marion Palmer
17	Elmer Shoupe Coal Company # 1 Route 1 Duff, Tenn. 37729 615-562-9659	Elmer Shoupe Elmer Shoupe	Rich Mtn. Truck Southern R.R.	3 4,000	Campbell Jellico East
18	G & B Coal Company Route 1, Box 234 Harriman, Tenn. 37748	Fred Gillentine Scott Bolden	Pewee Truck	8 10,000	Morgan Petros
19	Gay Coal, Inc. Grays Gap # 2 Route 3, Box 207-A Oliver Springs, Tenn. 37840	Curtis Owens Clifford Cotton	Windrock Truck Southern R.R.	21 42,000	Anderson Duncan Flats
20	Gay Coal, Inc. Gay # 5 Route 3, Box 207-A Oliver Springs, Tenn. 37840	Curtis Owens Curtis Owens	Windrock Truck Southern R.R.	15 65,000	Anderson Duncan Flats
21	Gay Coal, Inc. Gay # 1 Route 3, Box 207-A Oliver Springs, Tenn. 37840	Curtis Owens Curtis Owens	Big Mary Truck Southern R.R.	7 35,000	Anderson Duncan Flats
22	Grundy Mining Company, Inc. # 21 Box 878 Jasper, Tenn. 37347	Paul Callis James Saynes	Sewanee Truck - Barge	115 300,000	Marion Palmer
23	Grundy Mining Company, Inc. # 24 Box 878 Jasper, Tenn. 37347	Paul Callis James Saynes	Sewanee Truck - Barge	84 80,000	Sequatchie Palmer
24	H & A Coal Company Wartburg, Tenn. 37887	Harold Bunch Arvil Daugherty	Walnut Mtn. Truck	6 8,000	Anderson Fork Mtn.
25	H & L Coal Company P. O. Box 126 Tracy City, Tenn. 37387	Herman Johnson Herman Johnson	Sewanee Truck	9 15,000	Sequatchie Palmer
26	H & W Coal Company Route 1 Devonia, Tenn. 37728	John Harris John Harris	Big Mary Truck Southern R.R.	9 35,000	Anderson Duncan Flats
27	Highland Coal Company Box 220 Oneida, Tenn. 37841	Melvin Newport Melvin Newport	Wilder Truck	20 60,000	Scott Honey Creek
28	Hunziker Coal Company # 1 Box 153 Tracy City, Tenn. 37387	E. J. Hunziker E. J. Hunziker	Sewanee Truck	7 20,000	Marion Palmer
29	Indian Creek Coal Company, Inc. # 2 P. O. Box K Oliver Springs, Tenn. 37840	Curtis Owens James Parker	Dean Truck	17 40,000	Anderson Fork Mtn.
30	J & M Coal Company # 1 General Delivery La Follette, Tenn. 37766 615-562-3050	Ozias Muse Ozias Muse	Blue Gem Truck	4 4,000	Campbell Ivydell

TABLE 2.—ACTIVE COAL MINING OPERATIONS (continued)

<i>Number</i>	<i>Coal Company Address & Phone</i>	<i>Principal Official Mine Superintendent</i>	<i>Seam Transportation</i>	<i>No. Employees Annual Prod. in tons (Est.)</i>	<i>County Quadrangle</i>
31	J & M Coal Company, # 2 General Delivery La Follette, Tenn. 37766 615—562-3050	Charles Muse	Blue Gem Truck	5 6,000	Campbell Ivydell
32	J & V Walnut Mountain #1 206 Wartburg, Tenn. 37887	Vaughn Lowe Vaughn Lowe	Walnut Mtn. Truck	6 35,000	Anderson Fork Mtn.
33	Jackson Mining Company, Inc. Box 480, Oliver Springs, Tenn. 37840 615—435-7816	Frank Jackson	Poplar Creek Truck	8 20,000	Anderson Windrock
34	James Earl Nunley Coal Company # 2 Box 326 Whitwell, Tenn. 37397	James E. Nunley James E. Nunley	Sewanee Truck	5 20,000	Sequatchie Daus
35	Jim Dunwoody Coal Company # 1 Tracy City, Tenn. 37387	Jim Dunwoody Jim Dunwoody	Sewanee Truck	2 3,000	Sequatchie Smartt Mtn.
36	Laurel Fork Mining Company Route 3, Box 122-A Oliver Springs, Tenn. 37840	Don Collins Don Collins	Walnut Mtn. Truck	5 12,000	Anderson Windrock
37	Layne & Shipley Coal Company # 26 Route # 3 Whitwell, Tenn. 37397	Paul Callis Don Layne	Sewanee Truck	4 10,000	Marion Whitwell
38	Little T Coal, Inc Route 2, Box 86 Ten Mile, Tenn. 37880	James Lowe Dean Stewart	Walnut Mtn. Truck	10 25,000	Anderson Duncan Flats
39	Lone Mountain Coal Company P. O. Box 428 Oneida, Tenn. 37841	Roger West Luther Pennington	Pewee Southern R.R.	7 120,000	Morgan Fork Mtn.
40	Marion Coal Company P. O. Box 878 Jasper, Tenn. 37347	William B. Allison Franklin D. Meeks	Sewanee Truck	5 40,000	Marion Palmer
41	Mary Lee Coal Company, Inc. # 27 Route 3 Whitwell, Tenn. 37397	Alton Johnson Alton Johnson	Sewanee Truck	13 60,000	Sequatchie Palmer
42	New River Coal Company # 2 P. O. Box 428 Oneida, Tenn. 37841	Roger West Luther Pennington	Grassy Spring Truck	25 120,000	Scott Fork Mtn.
43	Oliver Springs Mining Company # 6 P. O. Box 350 Oliver Springs, Tenn. 37840	Curtis Owens Curtis Owens	Rock Spring Truck	20 40,000	Anderson Windrock
44	Oliver Springs Mining Company # 3 P. O. Box 350 Oliver Springs, Tenn. 37840	Curtis Owens Curtis Owens	Big Mary Truck	40 200,000	Anderson Windrock
45	Oliver Springs Mining Company # 5 P. O. Box 350 Oliver Springs, Tenn. 37840	Curtis Owens R. D. Evans	Big Mary Truck	20 100,000	Anderson Windrock
46	Oneida Fuel & Coal Company P. O. Box 138 Huntsville, Tenn. 37756	James Potter Ernest Wood	Jellico Truck	12 30,000	Scott Fork Mtn.
47	Orange & Campbell Coal Company # 2 Box 116 Tracy City, Tenn. 37387	James E. Orange James E. Orange	Sewanee Truck	3 4,000	Marion Wauhatchie
48	P & M Coal Company # 1 Caryville, Tenn. 37714 615—562-6185	Bill Pyles Bill Pyles	Pewee Truck	3 4,000	Campbell Jacksboro
49	Phillips & West Coal Corp. # 3 P. O. Box 518 Oneida, Tenn. 37841	W. O. West W. O. West	Poplar Creek Truck	7 8,000	Scott Norma
50	Pilot Mountain Coal Company, Inc. Route 1, Box 79 Briceville, Tenn. 37710	Johnny Goans Calvin Braden	Joyner Truck	8 12,000	Anderson Duncan Flats

TABLE 2.—(continued)

<i>Number</i>	<i>Coal Company Address & Phone</i>	<i>Principal Official Mine Superintendent</i>	<i>Seam Transportation</i>	<i>No. Employees Annual Prod. in tons (Est.)</i>	<i>County Quadrangle</i>
51	Pocahontas Fuel Company Matthews # 1, 2, & 3 P. O. Box 460 Middlesboro, Kentucky 40965 615-249-6192	Harold Sutter Jimmy Walker	Coal Creek Southern R.R.	336 1.2 million	Claiborne Fork Ridge
52	Powers Carwell Coal Company # 1 Route 1 Pioneer, Tenn. 37847	Harold Powers Harold Powers	Jellico Truck	3 4,000	Campbell Ivydell
53	Queen Anne Coal Company # 3 P. O. Box 498 Lake City, Tenn. 37769	Ronald Swisher Dempsey Lindsey	Rock Spring Southern R.R.	22 75,000	Campbell Duncan Flats
54	Rex Mining Company 704 East Walden Street La Follette, Tenn. 37766 615-562-2457	Mit N. Walden Mit N. Walden	Poplar Creek Truck	12 20,000	Campbell Ivydell
55	Royal Dean Coal Company, Inc. # 1 Box 428 Oneida, Tenn. 37841	Roger West Earl Miller	Big Mary Southern R.R.	40 20,000	Scott Block
56	S & S Coal Company Route 3 La Follette, Tenn. 37766	John Sharp John Sharp	Blue Gem Truck	2 2,500	Campbell Jellico East
57	Sanders Coal Company # 2 Star Route, Box 9 Dunlap, Tenn. 37327	Ben Sanders Ben Sanders	Sewanee Truck	6 8,000	Sequatchie Savage Point
58	Shattuck Coal Company Barbara Ann Mine 306 Englewood Road Middlesboro, Kentucky 40965	Tom Shattuck Tom Shattuck	Rex Truck - L & N and Southern R.R.	5 10,000	Claiborne Eagan
59	Slick Rock Coal Company # 1 Box 257 La Follette, Tenn. 37766 615-562-8611	Charles Monday Kenneth Clark	Jordan Truck	3 4,000	Campbell La Follette
60	Southern States Mining Company Red Oak # 1 Route 1 Devonia, Tenn. 37728	Howard Johnson Charles Minnick	Big Mary Truck	12 100,000	Anderson Duncan Flats
61	T. T. & W. Coal Company Sunbright # 1 P. O. Box 383 Oliver Springs, Tenn. 37840	Virgil Thomas Virgil Thomas	Big Mary Truck	7 50,000	Morgan Gobey
62	Tenn Tex Coal Corp. Margo # 1 P. O. Drawer F Middlesboro, Kentucky 40965 615-248-6665	R. W. Anderson Othal Parkes	Blue Gem Southern R.R.	20 40,000	Anderson Lake City
63	Virginia Mining Company, Inc. Box 878 Jasper, Tenn. 37347	Paul Callis James Saynes	Sewanee Truck	20 60,000	Marion Palmer
64	Volunteer Mining Corp. # 1 Devonia, Tenn. 37728	Daniel F. Cooper Everett C. Davidson	Big Mary Truck Southern R.R.	45 300,000	Anderson Duncan Flats
65	Walnut Coal Company # 26 P. O. Box 878 Jasper, Tenn. 37347	Paul Callis Dan Higgins	Sewanee Truck	22 50,000	Sequatchie Palmer

TABLE 2.—ACTIVE COAL MINING OPERATIONS (continued)

<i>Surface (S) and Auger (A) mines</i>					
<i>Number</i>	<i>Coal Company Address & Phone</i>	<i>Principal Official Mine Superintendent</i>	<i>Seam Transportation</i>	<i>No. Employees Annual Prod. in tons (Est.)</i>	<i>County Quadrangle</i>
66	A & W Auger Corporation # 1 (S & A) Box 117, Emory Gap, Tenn. 615-882-1393	Fred Walt	Rock Spring Truck	12 50,000	Morgan Fork Mountain
67	Abe Cofer Coal Company # 5 (S) Route 2, Box 88 Harriman, Tenn. 37748 615-882-2489	Abe Cofer Abe Cofer	Glenmary Southern R.R.	5 40,000	Scott Robbins
68	Aytes Coal Company # 1 (S) Box 351, Wartburg, Tenn. 37887 615-346-3422	Gene Aytes M. T. Strunk	Jellico Southern R.R.	5 75,000	Scott Fork Mountain
69	Baird & Long Coal Company (S) Elk Valley, Tenn. 37734 615-424-7064	Luther Baird Luther Baird	Coal Creek Southern R.R.	2 20,000	Campbell Jellico West
70	Big H Coal Company (S) P. O. Box 270, Newcomb, Tenn. 615-426-6101	Howard R. Cantrell Howard Ensley	Rex Southern R.R.	11 100,000	Campbell Ivydell
71	Big T Coal Company (S) Route 1, Box 204, Winfield, Tenn. 615-569-4637	George Ramsey George Ramsey	Glenmary Southern R.R.	5 50,000	Scott Robbins
72	Black Mountain Coal Company (S) La Follette, Tenn. 37766	Tom Bailey	Big Mary Southern R.R.	3 25,000	Scott Huntsville
73	C L & C Coal Company (S) Box 450, Oliver Springs, Tenn. 37840 615-435-2905	Verdon Cox Franklin Cox	Grassy Spring Southern R.R.	5 50,000	Anderson Fork Mountain
74	Carson Coal Company (S) P. O. Box 395, Oneida, Tenn. 37841	Hollis Carson Jack Howard	Windrock Southern R.R.	7 75,000	Campbell Jellico West
75	Carter McCall Enterprises (S) Route 1, Oliver Springs, Tenn. 37840	Carter McCall Samuel McCall	Grassy Spring Southern R.R.	7 100,000	Campbell Jacksboro
76	COALCO, Inc. # 1 (S) P. O. Box 491, Harriman, Tenn. 37748	Howard Lueking Andy Jones	Glenmary Southern R.R.	5 50,000	Scott Robbins
77	COALCO, Inc. # 2 (S) P. O. Box 491, Harriman, Tenn. 37748	Howard Lueking Howard Lueking	Rex Southern R.R.	2 20,000	Morgan Camp Austin
78	Cook & Cook Coal Company # 1 (S) Box 38, Wartburg, Tenn. 37787 615-346-0104	Earl Cook Frank Cook	Jellico Truck	4 15,000	Anderson Duncan Flats
79	C. R. Lewis Coal Company # 1 (S) Box 126, Robbins, Tenn. 37842	C. R. Lewis C. R. Lewis	Poplar Creek Southern R.R.	14 100,000	Morgan Robbins
80	Cumberland Coal Corp. # 2 (S & A) P. O. Box 3187, Oak Ridge, Tenn. 37820 615-324-3377	R. A. Palmer R. A. Palmer	Pewee Southern R.R.	27 300,000	Anderson Fork Mtn.
81	Custom Coal Company, Inc. (S) P. O. Box 606, Chattanooga, Tenn. 37401 615-946-2379 615-484-4018	S. J. Waters Frank Lewis	Sewanee Truck	4 25,000	Cumberland Pleasant Hill
82	Dale Daugherty Coal Company # 5 (S) P. O. Box 166, Oneida, Tenn. 37841 615-569-8376 615-569-8633	Dale Daugherty Walter Crabtree	Jellico Southern R.R.	9 60,000	Scott Ketchen
83	Daugherty Bros. Construction Co., Inc. (S) P. O. Box 541, Oneida, Tenn. 37841 615-569-8595	Thomas Daugherty Walter Crabtree	Poplar Creek Southern R.R.	26 120,000	Scott Oneida South
84	Daugherty and Daugherty Const., Inc. (S) P. O. Box 541, Oneida, Tenn. 37841 615-569-8595	Ronald Daugherty Troy Daugherty	Poplar Creek Southern R.R.	19 85,000	Scott Oneida South
85	Dean Coal Company, Inc. Auger 1B (A) 2611 Magnolia Avenue Knoxville, Tenn. 37914 615-525-7710	Ralph Ross	Walnut Mtn. Southern R.R.	4 60,000	Campbell Block
86	Dean Coal Company, Inc. (S) 2611 Magnolia Avenue Knoxville, Tenn. 37914 615-525-7710	Ralph Ross O. F. Hatmaker	Pewee Southern R.R.	11 90,000	Campbell Block

TABLE 2.—(continued)

<i>Number</i>	<i>Coal Company Address & Phone</i>	<i>Principal Official Mine Superintendent</i>	<i>Seam Transportation</i>	<i>No. Employees Annual Prod. in tons (Est.)</i>	<i>County Quadrangle</i>
87	Dixie Pine Coal Company (S) Clairfield, Tennessee 37715 615—562-8381	J. L. Arnold J. L. Arnold	Coal Creek Southern & L & N R.R.	28 125,000	Campbell Well Spring
88	E. J. Jones Coal Company (S) Byrdstown, Tenn. 38549 615—864-3955	E. J. Jones Eugene Massengale	Bon Air Truck	4 25,000	Fentress Moodyville
89	Ernest Viers Coal Company (S) P. O. Box 103, Jellico, Tenn. 37762 615—424-7933	Ernest Viers Kenneth Anderson	Blue Gem Southern R.R.	3 20,000	Campbell Jellico West
90	Four Leaf Coal Company # 2 (S) P. O. Box 156, Clairfield, Tenn. 37715 615—424-6110	N. C. Dipple Jay Partin	Mason Southern & L & N R.R.	35 105,000	Claiborne Fork Ridge
91	G & F Coal Company (S) Box 125, Wartburg, Tenn. 37887 615—346-3500	Willard Goodman Willard Goodman	Rock Spring Truck	20 66,000	Morgan Gobey
92	G & H Industries (S) P. O. Box 428, Sparta, Tenn. 38583 615—738-2211	Wayman Hill Max Guy	Sewanee Truck	3 50,000	White Pleasant Hill
93	H & B Mining Inc. (S) Box 410, Oliver Springs, Tenn. 37840 615—435-2905	Jack Walls Ben Delius	Walnut Mtn. Truck	9 112,000	Anderson Duncan Flats
94	Helenwood Excavating Company # 10 (S) Route 1, Box 251-BB Helenwood, Tenn. 37755 615—663-2848 615—569-8036	Earl Burress Roy Burress	Poplar Creek Southern R.R.	4 66,000	Scott Oneida South
95	High Top Coal Company, Inc. # (S) 105 E. Wood Drive, La Follette, Tenn. 37766 615—562-2249	John Rich Joe Leach	Blue Gem Southern R.R.	10 37,000	Campbell Jellico West
96	J & H Coal Company (S) Route 1, Pioneer, Tenn. 37847	Hubert McCullah Jerome McCullah	Rex Truck	4 30,000	Campbell Ivydell
97	Jackson Mining Company, Inc. (S) Box 480, Oliver Springs, Tenn. 37840 615—435-7816	Frank Jackson	Coal Creek Truck	10 50,000	Anderson Windrock
98	James Spur Coal Company (S) Pruden, Tenn. 37851 615—424-7702	Fred Waters Ray Moore	Mason Southern & L & N R.R.	20 120,000	Claiborne Fork Ridge
99	Judo Mining Company # 1 (S) Route 9, Sparta, Tenn. 38583 615—383-1900	Julius Doochin J. L. Miller	Sewanee Truck	17 80,000	White Pleasant Hill
100	Kew Mining Company (S) Route 1, Box 248-B, Oliver Springs, Tenn. 37840 615—435-2311	Eugene Ward Kenneth Ward	Rex Truck	9 60,000	Morgan Camp Austin
101	Kit Coal Company, Inc. (S) 103 5th Street Corbin, Kentucky 40701	Rodney Barton	Jellico Southern R.R.	7 40,000	Scott Huntsville
102	L & M Coal Company # 1 (S) 814 West Central Avenue La Follette, Tenn. 37766 615—562-3837	Charles Hatmaker Charles Hatmaker	Blue Gem Truck	3 30,000	Campbell Ivydell
103	Laco # 1 (S) Box 410, Oliver Springs, Tenn. 37840 615—435-6127	Jack Walls John Jones	Big Mary Southern R.R.	12 150,000	Scott Block
104	Laura Coal Company # 4 (S) Box 343, Harrodsburg, Kentucky 40330 606—734-2250	Elwood Burgin Elmer Jones	Poplar Creek Southern R.R.	6 100,000	Scott Oneida South
105	Long Pit Mining Company # 1 (S & A) Box 433, Harriman, Tenn. 37748 615—546-2421	A. B. Long Tom Bailey	Pewee Southern R.R.	34 380,000	Campbell Block

TABLE 2.—ACTIVE COAL MINING OPERATIONS (continued)

<i>Number</i>	<i>Coal Company Address & Phone</i>	<i>Principal Official Mine Superintendent</i>	<i>Seam Transportation</i>	<i>No. Employees Annual Prod. in tons (Est.)</i>	<i>County Quadrangle</i>
106	Longwa, Inc. (S) P. O. Box 433, Harriman, Tenn. 37748 615-882-2721	Jack Walls Boyd King	Glenmary Southern R.R.	17 150,000	Scott Winfield
107	Lucky Cumberland Mines, Inc. (S) P. O. Box 6066, Chattanooga, Tenn. 37401 615-886-5156	Jack Reynolds	Richland L & N R.R.	11 100,000	Sequatchie Curtistown
108	Lueking Coal Company # 2 (S & A) Box 151, Harriman, Tenn. 37748 615-882-6394	Donavan Lueking Donavan Lueking	Walnut Mtn. Truck	14 96,000	Anderson Duncan Flats
109	Maurice Coal Company # (S) Box 366, Oliver Springs, Tenn. 37840 615-435-6854	Maurice Walls Maurice Walls	Grassy Spring Truck	16 130,000	Anderson Fork Mtn.
110	Metzler Coal Company # 1 (S) West Morningside, La Follette, Tenn. 37766 615-562-3319	Mrs. Tom Metzler Bill Brown	Coal Creek L & N & Southern R.R.	14 100,000	Campbell Jellico East
111	Mountco, Inc. # 1 (A) Box 410, Oliver Springs, Tenn. 37840	Daymon Little Daymon Little	Big Mary Truck	9 50,000	Anderson Duncan Flats
112	Overton Coal Company # 1 (S) Box 8, Star Route, Robbins, Tenn. 37852	Arvil Overton Arlie Overton	Glenmary Southern R.R.	14 65,000	Scott Robbins
113	P & H Equipment Company # 1 (S) P. O. Drawer 395, Oneida, Tenn. 37848 615-569-4551	Jack Perry Jack Perry	Jordan Southern R.R.	12 120,000	Campbell Ivydell
114	P & L Coal Company, Inc. (S & A) Habersham, Tenn. 615-562-6613	Harold Baldwin Bill Wilder	Rich Mtn. Southern R.R.	15 90,000	Campbell Jellico East
115	Paintrock Coal & Lumber Company, Inc.#2 (S) P. O. Box 10, Huntsville, Tenn. 37756 615-569-8489	James Sexton George Rector	Red Ash Southern R.R.	10 75,000	Scott Pioneer
116	Paul Cole (S) Route 6, Box 108, Crossville, Tenn. 38555 615-788-2189	Paul Cole Eugene Bickford	Sewanee L & N R.R.	4 24,000	Van Buren Smartt Mtn.
117	Pioneer Coal Company (S) 952 Runyan Drive, Chattanooga, Tenn. 37405 615-426-0663	Dale Studer Paul Studer	Sewanee L & N R.R.	6 50,000	Bledsoe Brayton
118	Premium Coal Company # 2 (S & A) P. O. Box 115, Lake City, Tenn. 37767 615-426-2737	Robert Swisher Carl Swisher	Big Mary Southern R.R.	8 75,000	Anderson Fork Mtn.
119	Premium Coal Company # 1 (S) P. O. Box 115, Lake City, Tenn. 37767 615-426-2737	Robert Swisher Carl Swisher	Beech Grove Southern R.R.	7 75,000	Anderson Duncan Flats
120	Price Coal Company (S & A) Route 1, Caryville, Tenn. 37714 615-426-2886	Ralph Price Ralph Price	Jellico Southern R.R.	10 60,000	Campbell Jellico West
121	Rock Creek Coal Company (S & A) Box 115, Lake City, Tenn. 37769 615-426-2886	Robert Swisher Robert Swisher	Splint Southern R.R.	10 86,000	Campbell Duncan Flats
122	Ross Coal Company # 1 (S) Winfield, Tenn. 37892	Charles Ross Charles Ross	Coal Creek Southern R.R.	6 40,000	Scott Ketchen
123	Royal Gem Coal Company # 1 (S) Clairfield, Tenn. 37715 615-424-6905	Carl Rice Carl Clear	Mason L & N & Southern R.R.	8 30,000	Claiborne Eagan
124	Russell Bros., Inc. (S) 102 LaPorte Drive, Chattanooga, Tenn. 37415 615-266-6594	S. W. Russell Arnold Russell	Sewanee L & N R.R.	4 20,000	Grundy Tracy City
125	SAM Coal Corp. (S) P. O. Box 1301, Middlesboro, Kentucky 40965 606-248-6665	Dallas Shackelford Clyde Moore	Windrock Southern & L & N R.R.	11 100,000	Claiborne Fork Ridge
126	Shemco, Inc. (S & A) Route 1, Box 86-A, Oliver Springs, Tenn. 37840 615-435-2324	Jack Walls Bob Brooks	Coal Creek Truck	10 105,000	Morgan Petros

TABLE 2.—(continued)

<i>Number</i>	<i>Coal Company Address & Phone</i>	<i>Principal Official Mine Superintendent</i>	<i>Seam Transportation</i>	<i>No. Employees Annual Prod. in tons (Est.)</i>	<i>County Quadrangle</i>
127	Thacker Coal Company (S) Pruden, Tenn. 37851 615-562-8366	Junior Thacker Ralph Thacker	Mason Southern & L & N R.R.	14 70,000	Claiborne Eagan
128	Thacker Coal Company (S) Pruden, Tenn. 37851 615-562-8366	Junior Thacker	Big Mary Southern R.R.	7 80,000	Campbell Jacksboro
129	Thornton Coal Company (S) Route 7, Sparta, Tenn. 38583	B. D. Thornton B. D. Thornton	Sewanee Truck	3 15,000	White De Rossett
130	Triple I Coal Company, Inc. (S) Habersham, Tenn. 615-348-3601	Ansil Hite Joe Leach	Rex Southern R.R.	5 100,000	Campbell Jellico West
131	VSS Coal Company (S & A) Route 1, Box 96, Winfield, Tenn. 37892 615-569-4323	Leroy Terry Leroy Terry	Big Mary Southern R.R.	5 35,000	Scott Winfield
132	W. B. Spradlin Coal Company (S) Route 1, Pioneer, Tenn. 37847 615-562-7402	W. B. Spradlin Euell Spradlin	Big Mary Southern R.R.	9 100,000	Campbell Jellico West
133	W. R. Parton Coal Company (S) Route 3, Oliver Springs, Tenn. 38740 615-435-7607	W. R. Parton, Jr. W. R. Parton, Jr.	Windrock Southern R.R.	3 30,000	Anderson Duncan Flats
134	Walden Ridge Coal Company (S) P. O. Box 69, Chattanooga, Tenn. 37401 615-266-4655 615-949-2877	Dale Studer Dale Studer	Sewanee L & N R.R.	15 100,000	Van Buren Curtistown
135	Walnut Mountain Coal Company, Inc. # 1 (S & A) Box 410, Oliver Springs, Tenn. 37840 615-435-2905	Edward Coker Bobby Leach	Pewee Truck	18 160,000	Anderson Duncan Flats
136	Whizco, Inc. (A) P. O. 491, Harriman, Tenn. 37748	Howard Lueking Howard Lueking	Low Splint Truck	4 50,000	Anderson Duncan Flats

TABLE 3. MINES ACTIVE DURING 1974, BUT INACTIVE BY NOVEMBER 1.

	<i>Type Mine</i>	<i>County</i>
* A & B Coal Co. (69)	Surface	Campbell
Apolo	Surface	Claiborne
* Bear Creek Mining Co. (128)	Surface	Claiborne
* Buffalo Coal Co. (32)	Underground	Anderson
* C & C Coal Co. (13)	Underground	Campbell
Consolidated Coal Co.	Surface	Claiborne
* Earl & Burl Coal Co. # 1 (14)	Underground	Anderson
* Earl & Burl Coal Co. # 2 (15)	Underground	Campbell
** Farrell Mining Co.	Surface	Campbell
** H & G Coal Co.	Surface	Campbell
Kidd Coal Co.	Surface	Campbell
Kilby Coal Co.	Underground	Cumberland
* Rutherford Coal Co. (17)	Underground	Campbell
** Smoky Creek Coal Co.	Underground	Scott
* Strunk Coal Co. (68)	Surface	Scott
* Welch Coal Co. (31)	Underground	Campbell
* Wolfridge Coal Co. (73)	Surface	Anderson

* Changed name of operation during 1974. Number refers to new company name as listed in table 2.

** Temporarily inactive.

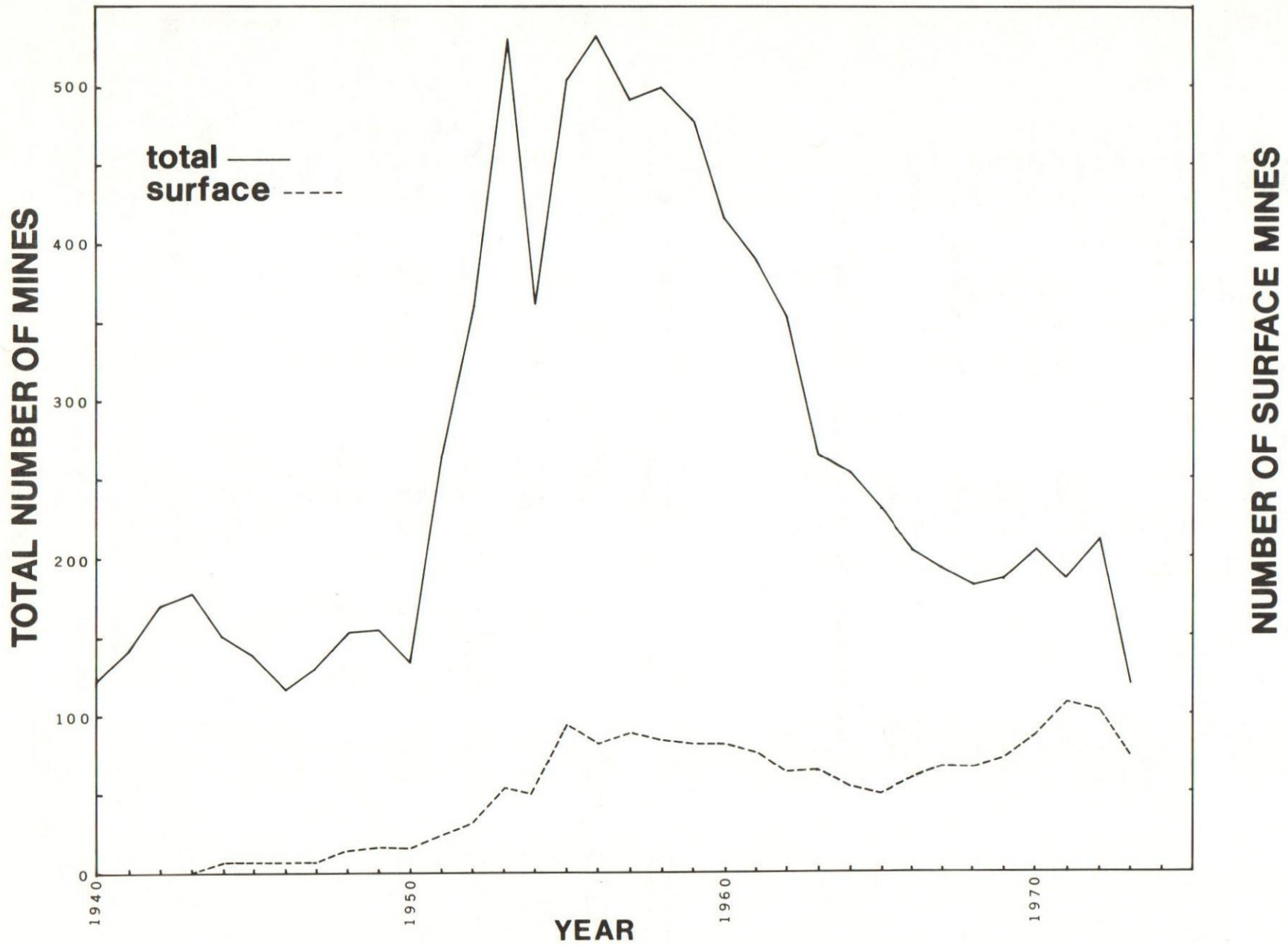


Figure 1. Total number of coal mines and number of surface mines for coal in Tennessee, 1940-1973.

TABLE 4. MINING ON PROPERTIES OF MAJOR LAND-HOLDING COMPANIES
 [By type of mine and percent of all mines]

<i>Land Owner</i>	<i>Surface Mine</i>	<i>Deep Mine</i>	<i>Total</i>	<i>Percent</i>
Tenn. Land & Mining Co.	12	8	20	15
Coal Creek Mining & Manufacturing Co.	5	11	17	12
Tenn. Consolidated Coal Co.	-	11	11	8
American Association, Ltd.	5	1	6	5
Francis Bros.	-	4	4	3
RSB Company	-	4	4	3
	<u>22</u>	<u>40</u>	<u>62</u>	<u>46</u>

TABLE 5. MINING IN PRINCIPAL COAL PRODUCING QUADRANGLES
 [By type of mine and percent of all mines]

<i>Quadrangle</i>	<i>Surface Mine</i>	<i>Deep Mine</i>	<i>Total</i>	<i>Percent</i>
Duncan Flats	9	11	20	15
Fork Mountain	6	7	13	10
Palmer	0	11	11	8
Ivydell	4	5	9	7
Jellico West	7	1	8	6
Robbins	5	1	6	4
Block	4	2	6	4
Windrock	1	5	6	4
	<u>36</u>	<u>43</u>	<u>79</u>	<u>58</u>

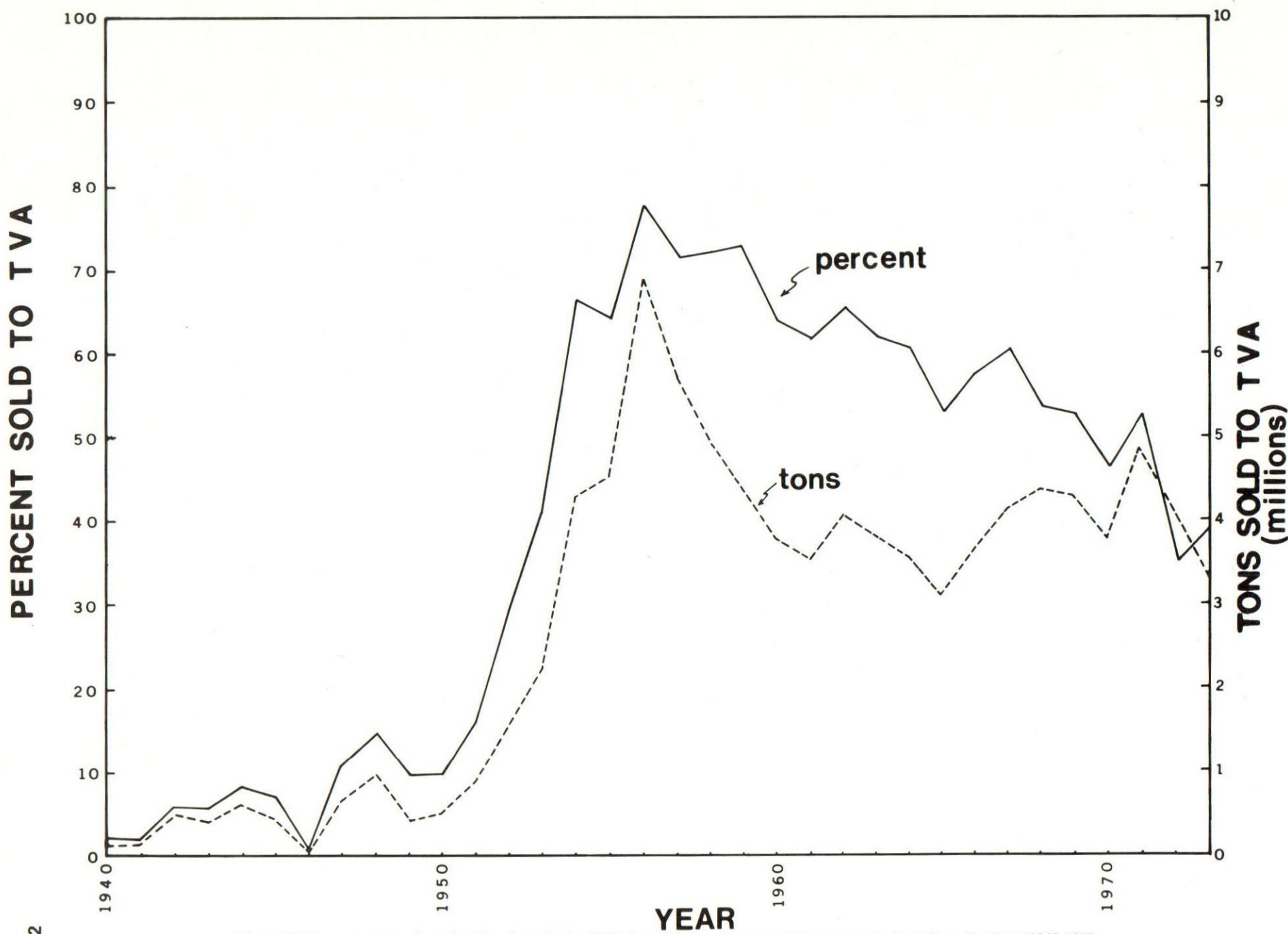


Figure 2. Tennessee coal production bought by TVA, in millions of tons and by percent of total production, 1940-1973.

TABLE 6. MINING IN COAL-BEARING COUNTIES
[By type of mine and percent of all mines]

<i>County</i>	<i>Deep Mines</i>	<i>Surface Mines</i>	<i>Total</i>	<i>Percent of Total</i>
Anderson	19	13	32	24
Bledsoe	0	1	1	1
Campbell	17	20	37	27
Claiborne	2	5	7	5
Coffee	0	0	0	0
Cumberland	0	1	1	1
Fentress	0	1	1	1
Franklin	0	0	0	0
Grundy	0	1	1	1
Hamilton	0	0	0	0
Marion	8	0	8	5
Morgan	3	6	9	7
Overton	0	0	0	0
Pickett	0	0	0	0
Putnam	1	0	1	1
Rhea	0	0	0	0
Roane	0	0	0	0
Sequatchie	8	1	9	6
Scott	7	17	24	17
Van Buren	0	2	2	2
Warren	0	0	0	0
White	0	3	3	2
	<u>65</u>	<u>71</u>	<u>136</u>	<u>100%</u>

TABLE 7. COAL PRODUCED BY MINES OF VARIOUS SIZES
[By type of mine and percent of all mines]

<i>Rank By Annual Production (In tons)</i>	<i>Deep Mines</i>		<i>Surface Mines</i>		<i>All Mines</i>	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
1,000,000 +	1	1	0	0	1	1
500,000-1,000,000	0	0	0	0	0	0
400,000-500,000	0	0	0	0	0	0
300,000-400,000	0	0	1	1	1	1
200,000-300,000	2	3	1	1	3	2
100,000-200,000	3	5	11	16	14	10
50,000-100,000	9	14	30	42	39	29
25,000-50,000	12	19	18	26	30	22
10,000-25,000	17	25	10	14	27	20
0-10,000	21	33	0	0	21	15
	<u>65</u>	<u>100%</u>	<u>71</u>	<u>100%</u>	<u>136</u>	<u>100%</u>

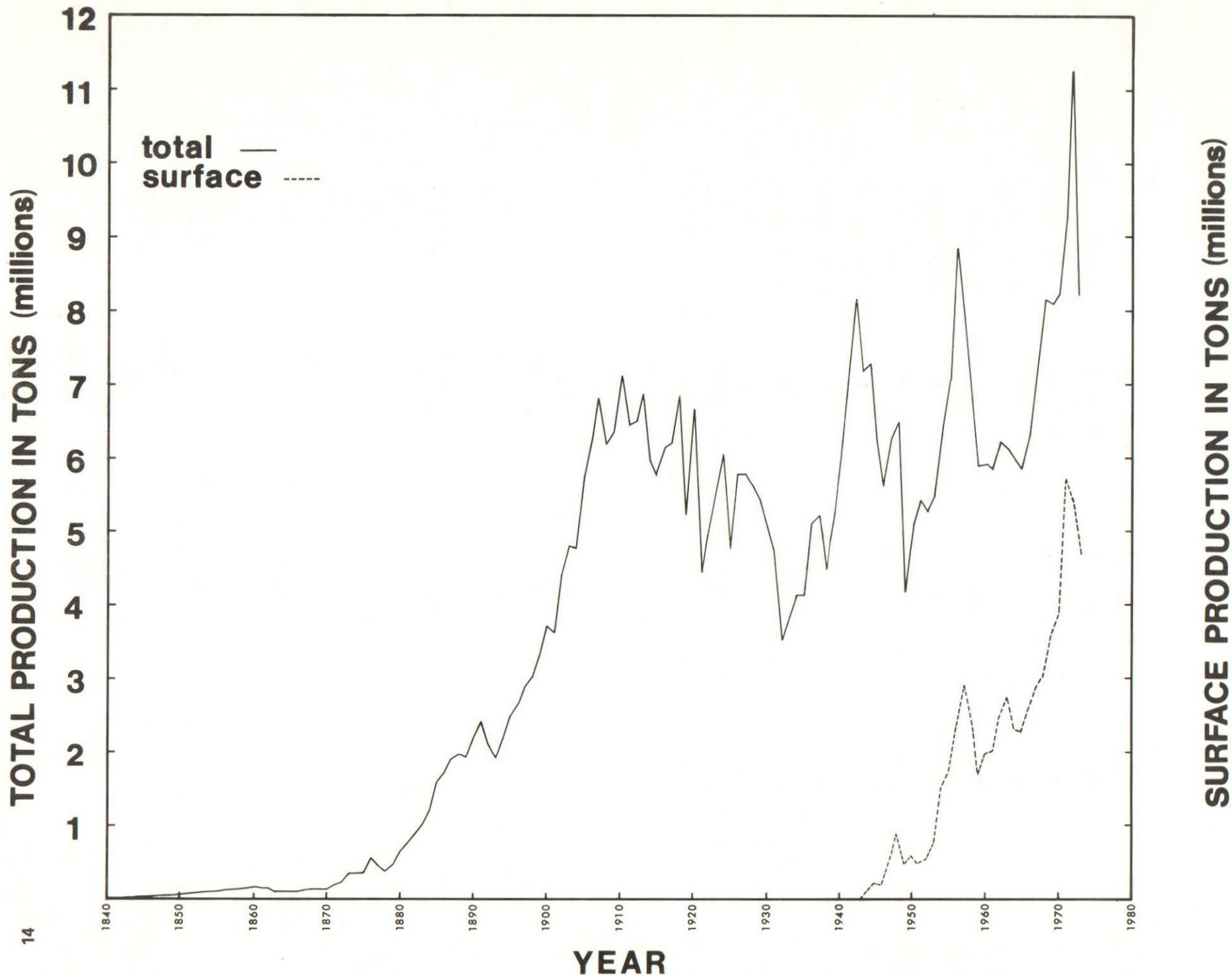


Figure 3. Total coal production and coal production from surface mines in Tennessee, 1840-1973.

EXTENT OF SURFACE MINING OF TENNESSEE COAL*

Coal has been surface mined in seventeen of the twenty-two coal-bearing counties in Tennessee. Seventy-two percent of the mining was done before the effective date of the Tennessee surface mine law of 1967. More than fifty-two thousand acres have been disturbed by surface mining and more than sixteen-hundred miles of outcrop have been mined. Twenty-five percent of the area disturbed is in Campbell County.

Most of the active surface mines in Tennessee are later cuts along pre-law ("orphan") pits. Under the provisions of the law the old pits must be reclaimed along with new cuts.

Consequently, during the next five to ten years the percentage of orphan pits will decline, possibly to less than fifty percent.

Most of the orphan pits where no new cuts will be taken are in areas where the coal has already been augered or extensively deep mined along the highwall. Most of these old pits are already generally revegetated naturally so siltation of nearby streams is not a severe problem. Such siltation mostly occurs during mining and in the first year or so afterward.

TABLE 8. AREA DISTURBED BY SURFACE MINING FOR COAL IN TENNESSEE.
[Before and after effective date of Tennessee Strip Mine Law of 1967]

County	Date of Survey	Linear Outcrop Miles Stripped			Acres Disturbed				
		before	-	after	Total	before	-	after	Total
Anderson	7-31-72	136.6		59.3	195.9	4,882		2,223	7,105
Bledsoe	6-23-72	8.2		5.7	13.9	227		300	527
Campbell	9-18-72	310.1		153.7	463.8	8,487		4,870	13,357
Claiborne	2-28-72	150.7		37.2	187.9	3,405		1,417	4,822
Coffee	6-23-72	0		0	0	0		0	0
Cumberland	5-30-72	14.5		2.8	17.3	335		64	399
Fentress	4-13-72	21.3		5.5	26.8	424		217	641
Franklin	6-23-72	0		0	0	0		0	0
Grundy	6-14-72	43.1		3.2	46.3	3,707		575	4,282
Hamilton	6-23-72	18.2		5.5	23.7	457		196	653
Marion	6-23-72	55.6		1.4	57.2	1,397		36	1,433
Morgan	6- 9-72	130.9		37.8	168.7	4,290		1,336	5,626
Overton	4-13-72	27.0		0	27.0	590		0	590
Pickett	4-13-72	0		2.2	2.2	0		44	44
Putnam	4-13-72	0		0	0	0		0	0
Rhea	5-24-72	.9		0	.9	18		0	18
Roane	5-24-72	0		0	0	0		0	0
Sequatchie	6-23-72	12.2		.4	12.6	763		559	1,322
Scott	5-10-72	284.4		44.7	329.1	6,674		1,128	7,802
Van Buren	6- 9-72	22.6		21.2	43.8	1,594		1,586	3,180
Warren	5-24-72	0		0	0	0		0	0
White	5-24-72	9.3		4.1	13.4	285		92	377
State Total		1,245.8		384.7	1,630.5	37,535		14,643	52,178
						72%		28%	

* As of 1972, tables indicate exact date of compilation.

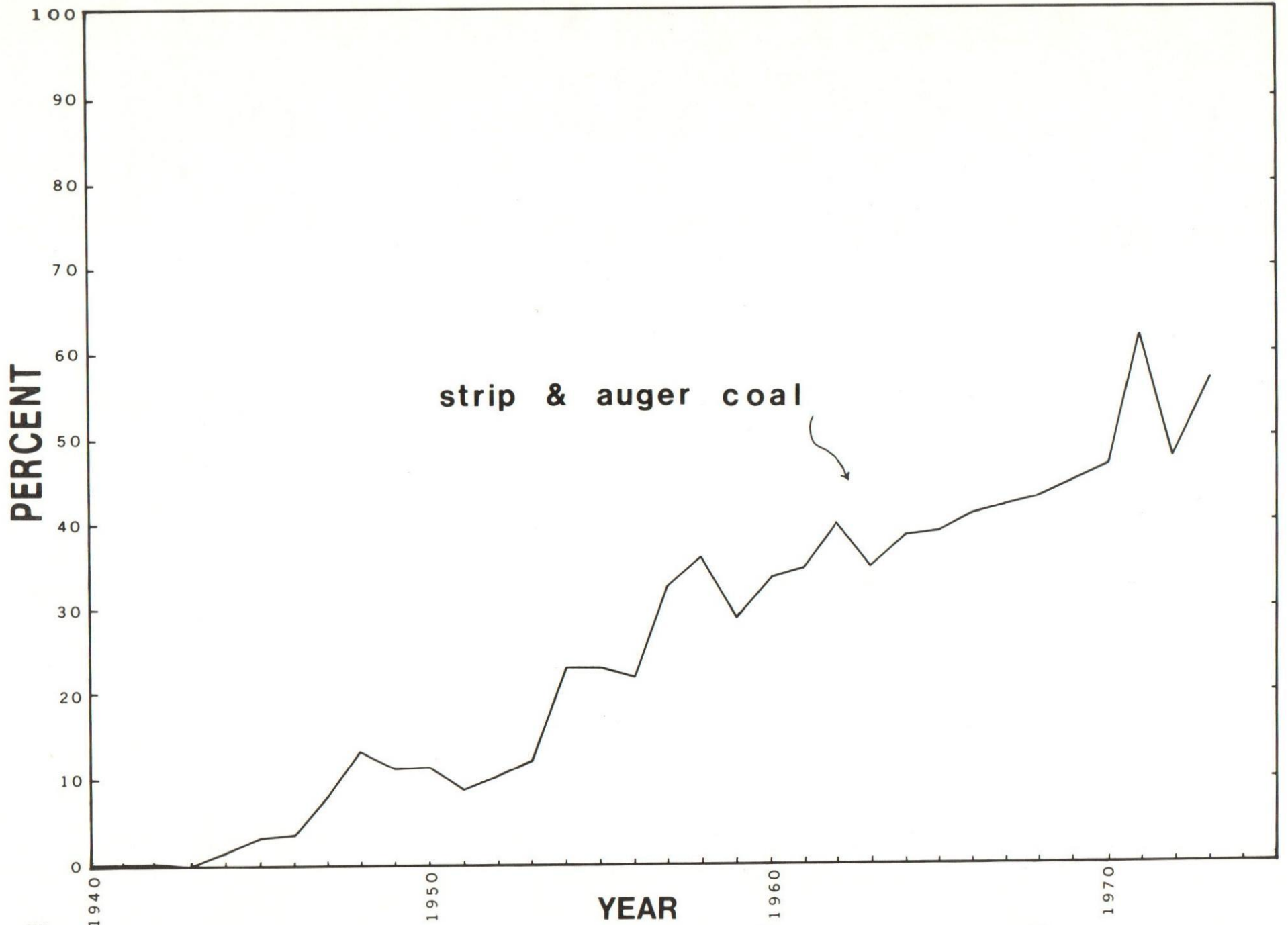


Figure 4. Coal production from strip and auger mines as a percentage of Tennessee's total production, 1940-1973.

Anderson County

Seven thousand one-hundred and five acres have been disturbed by coal surface mining in Anderson County. Seventy-nine percent of the mining was done before the

Tennessee Strip Mine Law of 1967 went into effect.

At present there are twelve surface mines, five auger mines and twelve underground mines active in the county.

TABLE 9. AREA DISTURBED BY SURFACE MINING FOR COAL IN ANDERSON COUNTY.
[Before and after effective date of Tennessee Strip Mine Law of 1967; by seam and quadrangle]

Coal Seam	7½' Quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Upper Wildcat	Duncan Flats (129 NE)	5.8	0	5.8	* 213	0	213
Cold Gap	Duncan Flats	8.6	1.6	10.2	258	* 88	348
Grassy Spring	Duncan Flats	.4	0	.4	12	0	12
Pewee							
Walnut Mtn. }	Duncan Flats	5.4	4.6	10.0	216	184	400
Big Mary }	Duncan Flats	21.5	5.0	26.5	860	* 230	1,090
Windrock }							
Jellico	Duncan Flats	1.3	1.9	3.2	39	57	96
Total		43.0	13.1	56.1	1,598	559	2,157
Lower Wildcat	Fork Mountain (129 NW)	0	.8	.8	0	* 27	27
Cold Gap	Fork Mountain	0	2.7	2.7	0	81	81
Pewee							
Walnut Mtn. }	Fork Mountain	4.5	6.8	11.3	180	272	452
Big Mary }							
Windrock }	Fork Mountain	6.9	7.7	14.6	276	308	584
Jellico	Fork Mountain	3.1	.4	3.5	93	12	105
Total		14.5	18.4	32.9	549	700	1,249
Upper Wild Cat	Lake City (137 NW)	1.1	0	1.1	45		45
Lower Wild Cat	Lake City	5.1	0	5.1	153	0	153
Cold Gap	Lake City	4.4	0	4.4	132		132
Pewee	Lake City	3.3	1.7	5.0	99	51	150
Walnut Mtn. }							
Red Ash }	Lake City	7.3	0	7.3	292	0	292
Beech Grove	Lake City	0	1.7	1.7	0	51	51
Big Mary	Lake City	.2	1.2	1.4	6	36	42
Windrock	Lake City	5.8	1.7	7.5	174	51	225
Pioneer	Lake City	.5	0	.5	15	0	15
Joyner	Lake City	0	.6	.6	0	18	18
Blue Gem	Lake City	3.0	0	3.0	90	0	90
Poplar Creek	Lake City	0	1.8	1.8	0	54	54
Coal Creek	Lake City	4.9	0	4.9	147	0	147
Total		35.6	8.7	44.3	1,153	261	1,414
Pewee	Petros (129 SW)	2.2	.4	2.6	66	12	78
Walnut Mtn.	Petros	1.9	0	1.9	57	0	57
Big Mary	Petros	5.4	0	5.4	162	0	162
Jellico	Petros	.4	0	.4	12	0	12
Total		9.9	.4	10.3	297	12	309
Upper Wildcat	Windrock (129 SE)	1.9	.9	2.8	* 98	27	125
Cold Gap	Windrock	1.9	2.2	4.1	38	66	104
Grassy Spring	Windrock	1.0	2.9	3.9	30	87	117
Pine Bald	Windrock	.5	.5	1.0	15	15	30
Pewee	Windrock	10.9	1.0	11.9	327	30	357
Walnut Mtn.	Windrock	.4	0	.4	12	0	12
Big Mary	Windrock	4.4	2.1	6.5	132	63	195
Windrock	Windrock	3.3	0	3.3	99	0	99
Jordan	Windrock	.8	.4	1.2	24	12	36
Coal Creek	Windrock	4.1	6.5	10.6	* 293	* 275	* 568
Poplar Creek	Windrock	4.4	2.2	6.6	* 217	* 116	333
Total		33.6	18.7	52.3	1,285	691	1,976
County total		136.6	59.3	195.9	4,882	2,223	7,105

* Includes some area stripping.

Bledsoe County

Five hundred twenty-seven acres have been disturbed by coal surface mining in Bledsoe County. Forty-three percent

of the disturbed area was mined before the Tennessee Strip Mine Law of 1967 went into effect.

TABLE 10. AREA DISTURBED BY SURFACE MINING FOR COAL IN BLEDSOE COUNTY.

[Before and after effective date of Tennessee Strip Mine Law of 1967; by seam and quadrangle]

Coal seam	7½' quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Sewanee	Billingsley Gap (110 NW)	1.9	0	1.9	48	0	48
Lantana	Brayton (111 NW)	.8	0	.8	20	0	20
Sewanee	Brayton	2.3	.2	2.5	* 78	5	83
Lantana	Brockdell (103 SE)	1.6	5.5	7.1	40	* 295	335
Sewanee	Brockdell	.3	0	.3	8	0	8
Sewanee	Brockdell	1.3	0	1.3	33	0	33
County Total		8.2	5.7	13.9	227	300	527

* Includes some area stripping.

Campbell County

Campbell County has more than thirteen-thousand acres that have been disturbed by surface mining for coal. Sixty-four percent of the surface mining was done before the Tennessee Strip Mine Law of 1967 went into effect.

At present there are sixteen surface mines, five auger mines and six underground mines operating in Campbell County.

Most of the active operations in Campbell County are second cuts along old pre-law strip mines. Over the next few years the percentage of orphan mines will decrease because of the reclamations required in connection with second and third cuts along old pits.

TABLE 11. AREA DISTURBED BY SURFACE MINING FOR COAL IN CAMPBELL COUNTY.

[Before and after effective date of Tennessee Strip Mine Law of 1967; by seam and quadrangle]

Coal seam	7½' quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Upper Wild Cat	Block (128 SE)	.2	0	.2	* 8	0	* 8
Lower Wild Cat	Block	1.0	0	1.0	* 50	0	* 50
Cold Gap	Block	3.4	2.2	5.6	68	88	156
Grassy Spring	Block	.8	0	.8	16	0	16
Rock Spring	Block	3.6	2.0	5.6	72	60	132
Upper Pine Bald	Block	0	1.4	1.4	0	28	28
Lower Pine Bald	Block	2.1	1.4	3.5	42	28	70
Petree	Block	0	1.0	1.0	0	20	20
Pewee							
Walnut Mountain	Block	20.9	13.6	34.5	836	* 644	1,480
Red Ash							
Big Mary	Block	12.0	0	12.0	240	0	240
Total		44.0	21.6	65.6	1,332	868	2,200

* Includes some area stripping.

TABLE 11.—CAMPBELL COUNTY (continued)

Coal seam	7½' quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Upper Wild Cat	Duncan Flats (129 NE)	1.6	1.1	2.7	48	33	81
Lower Wild Cat	Duncan Flats	7.6	.6	8.2	228	18	246
Cold Gap	Duncan Flats	7.2	.9	8.1	216	27	243
Pewee	Duncan Flats	4.2	6.5	10.7	126	195	321
Walnut Mountain } Sharp	Duncan Flats	0	.7	.7	0	21	21
Big Mary } Windrock }	Duncan Flats	4.8	4.1	8.9	144	123	267
Total		25.4	13.9	39.3	762	417	1,179
Jellico	Eagan (144 SW)	2.8	1.0	3.8	56	20	76
Blue Gem	Eagan	4.4	0	4.4	88	0	88
Coal Creek	Eagan	9.2	2.1	11.3	* 228	42	* 270
Total		16.4	3.1	19.5	372	62	434
Big Mary	Ivydell (136 NW)	1.0	0	1.0	20	0	20
Windrock	Ivydell	2.0	0	2.0	40	0	40
Jordan	Ivydell	3.2	0	3.2	64	0	64
Jellico	Ivydell	1.3	1.7	3.0	* 46	* 54	* 100
Blue Gem	Ivydell	.8	3.5	4.3	16	105	121
Coal Creek	Ivydell	18.4	16.0	34.4	* 460	* 800	1,260
Poplar Creek	Ivydell	10.6	1.3	11.9	212	39	251
Rex	Ivydell	.8	.6	1.4	* 54	15	69
Total		38.1	23.1	61.2	912	1,013	1,925
Coal Gap	Jacksboro (136 SW)	2.1	0	2.1	42	0	42
Upper Grassy Spring	Jacksboro	1.7	0	1.7	34	0	34
Lower Grassy Spring	Jacksboro	3.6	2.4	6.0	72	96	168
Rock Spring	Jacksboro	0	.2	.2	0	5	5
Pewee	Jacksboro						
Walnut Mtn. } Red Ash	Jacksboro	4.4	1.0	5.4	132	25	157
Big Mary } Windrock }	Jacksboro	.5	.6	1.1	10	15	25
Blue Gem	Jacksboro	.5	1.2	1.7	10	* 48	* 58
Coal Creek	Jacksboro	.4	1.6	2.0	8	* 70	* 78
Total		13.2	7.0	20.2	308	259	567
Pioneer	Jellico East (338 SE)	2.3	.9	3.2	52	18	70
Jordan	Jellico East	1.2	1.0	2.2	24	20	44
Jellico	Jellico East	3.6	1.5	5.1	72	* 45	* 117
Blue Gem	Jellico East	3.2	1.9	10.0	162	* 80	* 242
Coal Creek	Jellico East	14.7	1.2	15.9	* 575	24	* 599
Rex	Jellico East	2.2	2.8	5.0	44	62	106
Total		32.1	9.3	41.4	929	249	1,178
Walnut Mtn.	Jellico West (338 SW)	1.1	.6	1.7	* 32	* 20	* 52
Red Ash	Jellico West	2.8	2.5	5.3	* 76	* 75	* 151
Windrock	Jellico West	3.5	3.8	7.3	* 90	76	* 166
Pioneer	Jellico West	1.8	0	1.8	36	0	36
Jellico	Jellico West	12.9	2.6	15.5	258	52	310
Blue Gem	Jellico West	2.7	0	2.7	54	0	54
Coal Creek	Jellico West		area stripping		* 630	* 24	* 654
Poplar Creek	Jellico West	.5	1.1	1.6	10	* 30	40
Rex	Jellico West	3.9	1.4	5.3	78	* 42	* 120
Total		29.2	12.0	41.2	1,264	319	1,583
Pewee	Ketchen (337 SE)	.2	.2	.4	* 8	* 8	16
Walnut Mtn.	Ketchen	2.1	.2	2.3	42	4	46
Red Ash	Ketchen	5.3	.9	6.2	106	18	124
Windrock	Ketchen	3.0	1.6	4.6	60	32	92
Pioneer	Ketchen	1.8	0	1.8	36	0	36
Jellico	Ketchen	1.0	1.5	2.5	20	30	50
Total		13.4	4.4	17.8	272	92	364

* Includes some area stripping.

TABLE 11.—CAMPBELL COUNTY (continued)

Coal seam	7½' quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Jordan	La Follette (136 NE)	8.4	2.8	11.2	* 168	* 66	* 234
Jellico	La Follette	8.3	1.7	10.0	* 312	* 34	* 346
Blue Gem	La Follette	10.0	12.4	22.4	* 200	* 368	* 568
Coal Creek	La Follette	5.6	14.2	19.8	* 112	* 437	* 549
Total		32.3	31.1	63.4	792	905	1,697
Upper Wild Cat	Lake City (137 NW)	1.5	0	1.5	* 60	0	* 60
Lower Wild Cat	Lake City	7.6	.4	8.0	152	* 16	* 168
Cold Gap	Lake City	6.8	.9	7.7	136	18	154
Pewee	Lake City	5.6	3.2	8.8	112	64	176
Walnut Mtn.	Lake City	2.6	0	2.6	52	0	52
Big Mary	Lake City	1.0	.6	1.6	20	12	32
Blue Gem	Lake City	0	.8	.8	0	16	16
Coal Creek	Lake City	1.0	0	1.0	20	0	20
Total		26.1	5.9	32.0	552	126	678
Pine Bald	Pioneer (128 NE)	.2	.4	.6	4	8	12
Pewee	Pioneer	6.0	1.7	7.7	120	* 87	* 207
Walnut Mtn.	Pioneer	4.1	0	4.1	82	0	82
Red Ash	Pioneer	.7	0	.7	14	0	14
Big Mary	Pioneer	3.6	4.1	7.7	72	123	195
Windrock	Pioneer	0	2.2	2.2	0	44	44
Pioneer	Pioneer	15.6	5.2	21.8	* 392	104	* 496
Joyner	Pioneer	1.1	0	1.1	22	0	22
Jellico	Pioneer	6.6	5.6	12.2	132	112	244
Blue Gem	Pioneer	0	2.2	2.2	0	44	44
Coal Creek	Pioneer	.7	0	.7	14	0	14
Rex	Pioneer	.3	0	.3	* 10	0	* 10
Total		39.9	21.4	61.3	862	522	1,384
Rich Mountain	Well Spring (145 NW)	0	.3	.3	0	6	8
Coal Creek	Well Spring	--	.6	.6	* 130	* 32	162
Total		0	.9	.9	130	38	168
County Total		310.1	153.7	463.8	8,487 (64%)	4,870 (36%)	13,357

* Includes some area stripping.

Claiborne County

Since coal strip mining began in Claiborne County in the early 1950's, more than forty-eight hundred acres have been disturbed. Seventy-one percent of the area was disturbed before the Tennessee Strip Mine Law went into effect. To date one hundred eighty-eight miles of outcrop have been stripped, eighty percent before the law.

At present there are eleven active strip mines in the county, nine of which are taking second or third cuts. A large portion of the orphan strip mines will therefore be reclaimed under the provisions of the strip mine law.

Approximately 1.7 percent of the total area of Claiborne County has been disturbed by strip mining.

TABLE 12. AREA DISTURBED BY SURFACE MINING FOR COAL IN CLAIBORNE COUNTY.
[Before and after effective date of Tennessee Strip Mine Law of 1967; by seam and quadrangle]

Coal Seam	7½' quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Red Spring	Fork Ridge (144 SE)	none	2.4	2.4	none	101	101
Low Splint	Fork Ridge	none	1.2	1.2	none	50	50
Hignite	Fork Ridge	9.5	none	9.5	209	none	209
Stray	Fork Ridge	4.5	none	4.5	99	none	99
Sterling	Fork Ridge	20.2	none	20.2	446	none	446
Poplar Lick	Fork Ridge	2.2	none	2.2	48	none	48
Jackrock	Fork Ridge	15.2	.8	16.0	334	28	362
Mason	Fork Ridge	8.1	5.3	13.4	178	316	494
Rich Mtn.	Fork Ridge	2.3	3.6	5.9	51	126	177
"Jellico" (Coal Creek)	Fork Ridge	2.5	none	2.5	55	none	55
Poplar Lick	Eagan (144 SW)	.8	1.0	1.8	8	30	38
Mason	Eagan	27.3	2.6	29.9	680	26	706
Rich Mtn.	Eagan	26.8	15.2	42.0	590	532	1,122
"Jellico" (Coal Creek)	Eagan	29.1	5.1	34.2	640	208	848
Rex	Eagan	1.9	none	1.9	60	none	60
Rex	Jellico East (338 SE)	.3	none	.3	7	none	7
County Total		150.7	37.2	187.9	3,405	1,417	4,822

Cumberland County

There are no active surface mines for coal in Cumberland County at present. Eighty-four percent of the mining was done before the effective date of the Tennessee Strip Mine

Law of 1967. Ninety-seven percent of the mining was done on the Sewanee seam, with the remaining three percent on the Wilder seam.

TABLE 13. AREA DISTURBED BY SURFACE MINING FOR COAL IN CUMBERLAND COUNTY.
[Before and after effective date of Tennessee Strip Mine Law of 1967; by seam and quadrangle]

Seam	7½' Quadrangle	Miles of outcrop stripped			Acres stripped		
		before	after	Total	before	after	Total
Sewanee	Crossville (109 NE)	.5	0	.5	12	0	12
Sewanee	Grassy Cove (117 SW)	3.5	.6	4.1	70	13	83
Wilder	Grassy Cove	.5	.1	.6	12	2	14
Sewanee	Herbert Domain (109 SW)	4.0	1.0	5.0	100	25	125
Sewanee	Ozone (117 NE)	2.5	0	2.5	50	0	50
Sewanee	Pleasant Hill (109 SW)	3.5	1.1	4.6	91	24	115
County Total		14.5	2.8	17.3	335	64	399

Fentress County

Six hundred forty-one acres have been disturbed by surface mining in Fentress County. Four hundred twenty-four acres were disturbed before the effective date of the Tennessee Strip Mine Law of 1967 and two hundred seventeen acres since.

At present there are two strip mines and one auger mine active in the county. All of the mining in the county has been on the Wilder and Nemo seams.

There are two active underground mines in the county, both on the Wilder seam.

TABLE 14. AREA DISTURBED BY SURFACE MINING FOR COAL IN FENTRESS COUNTY.
[Before and after effective date of the Tennessee Strip Mine Law of 1967; by seam and quadrangle]

Coal Seam	7½' Quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Nemo	Jamestown (115 NW)	0	area	-	0	104	104
Nemo	Jones Knob (116 NW)	0	area	-	0	9	9
Nemo	Grimsley (115 SW)	0	area	-	0	9	3
Wilder	Riverton (334 NE)	.3	2.5	2.8	4	41	45
Wilder	Wilder (334 SE)	19.0	3.0	22.0	380	60	440
Wilder	Clarkrange (108 NE)	2.0	0	2.0	40	0	40
County Total		21.3	5.5	26.8	424	217	641

Grundy County

More than forty-two hundred acres have been disturbed by surface mining in Grundy County, with 86 percent disturbed before the effective date of the Tennessee Strip

Mine Law of 1967.

There are no active strip mines in Grundy County at present.

TABLE 15. AREA DISTURBED BY SURFACE MINING FOR COAL IN GRUNDY COUNTY.
[Before and after effective date of the Tennessee Strip Mine Law of 1967; by seam and quadrangle]

Seam	7½' Quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Sewanee	Burrow Cove (93 SE)	10.7	0	10.7	* 626	* 30	656
Sewanee	Collins (99 NE)	.4	1.2	1.6	* 20	* 72	92
Sewanee	Tracy City (99 SW)	31.2	2.0	33.2	* 3,041	* 473	3,514
Sewanee	White City (100 NW)	.8	0	.8	20	0	20
County Total		43.1	3.2	46.3	3,707	575	4,282

* Includes area stripping.

Hamilton County

Six hundred fifty-three acres have been disturbed by coal surface mining in Hamilton County. Sixty-five percent of the area was disturbed before the effective date of the

Tennessee Strip Mine Law of 1967.

There are no active surface mine operations in Hamilton County at present.

TABLE 16. AREA DISTURBED BY SURFACE MINING FOR COAL IN HAMILTON COUNTY.
[Before and after effective date of the Tennessee Strip Mine Law of 1967; by seam and quadrangle]

Coal Seam	7½' Quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Sewanee	Brayton (111 NW)	.5	0	.5	13	0	13
Sewanee	Daisy (112 NW)	1.0	0	1.0	25	0	25
Sewanee	Fairmount (105 NE)	1.3	0	1.3	33	0	33
Lantana	Soddy (111 SW)	5.0	.9	5.9	125	20	145
Sewanee	Soddy	7.3	4.6	11.9	183	176	359
Richland	Soddy	3.1	0	3.1	78	0	78
County Total		18.2	5.5	23.7	457	196	653

Marion County

More than fourteen hundred acres have been disturbed by coal surface mining in Marion County. Ninety-seven percent of the area was disturbed before the effective date of the

Tennessee Strip Mine Law of 1967.

There is one active strip mine in Marion County at present.

TABLE 17. AREA DISTURBED BY SURFACE MINING FOR COAL IN MARION COUNTY.
[Before and after effective date of the Tennessee Strip Mine Law of 1967; by seam and quadrangle]

Coal Seam	7½' Quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Sewanee	Ketner Gap (105 NW)	1.9	0	1.9	48	0	48
Sewanee	Orme (94 SE)	0	.3	.3	0	8	8
Sewanee	Palmer (99 SE)	16.6	0	16.6	415	0	415
Sewanee	Sequatchie (100 SE)	5.1	.1	5.2	128	2	130
Sewanee	Tracy City (99 SW)	8.7	0	8.7	218	0	218
Sewanee	Wauhatchie (105 SW)	5.6	0	5.6	140	0	140
Sewanee	White City (100 NW)	8.5	.9	9.4	213	23	236
Sewanee	Whitwell (100 NE)	9.4	.1	9.5	235	3	238
County Total		55.8	1.4	57.2	1,397	36	1,433

Morgan County

Fourteen coal seams have been surface mined in Morgan County. More than fifty-six hundred acres have been disturbed to date, with 77 percent of the area disturbed before the effective date of the Tennessee Strip Mine Law of 1967.

At present there are eight active surface mines and one auger mine, but no underground mines are operating in the county.

TABLE 18. AREA DISTURBED BY SURFACE MINING FOR COAL IN MORGAN COUNTY.

[Before and after effective date of the Tennessee Strip Mine Law of 1967; by seam and quadrangle]

Coal Seam	7½' Quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Jellico	Camp Austin (122 SE)	2.8	0	2.8	70	0	70
Blue Gem	Camp Austin	1.9	0	1.9	47	0	47
Poplar Creek	Camp Austin	1.6	.8	2.4	* 481	* 60	541
Rex	Camp Austin	8.3	0	8.3	* 257	0	257
Total		14.6	.8	15.4	855	60	915
Rex	Cardiff (123 NW)	2.4	1.3	3.7	* 90	* 82	172
Rex	Elverton (130 NW)	.2	0	.2	6	0	6
Grassy Spring	Fork Mountain (129 NW)	4.0	1.0	5.0	100	25	125
Lower Grassy Spring	Fork Mountain	.9	0	.9	22	0	22
Rock Spring	Fork Mountain	5.1	1.4	6.5	127	35	162
Pine Bald	Fork Mountain	.5	0	.5	13	0	13
Pewee	Fork Mountain	4.3	5.1	9.4	107	127	234
Walnut Mountain	Fork Mountain	4.1	1.7	5.8	102	42	144
Big Mary	Fork Mountain	4.9	0	4.9	127	0	127
Jellico	Fork Mountain	1.2	0	1.2	30	0	30
Total		25.0	9.2	34.2	628	229	857
Rock Spring	Gobey (122 NE)	2.3	0	2.3	57	0	57
Pewee	Gobey	3.4	1.9	5.3	85	47	132
Walnut Mountain	Gobey	5.9	0	5.9	147	0	147
Big Mary	Gobey	4.3	0	4.3	107	0	107
Windrock	Gobey	1.1	0	1.1	27	0	27
Jellico	Gobey	.9	0	.9	23	0	23
Blue Gem	Gobey	4.1	0	4.1	102	0	102
Total		22.0	1.9	23.9	548	47	595
Rex	Harriman (123 NE)	1.7	.1	1.8	42	2	44
Rex	Lancing (122 SW)	4.1	6.0	10.1	* 112	* 170	282
Pewee	Petros (129 SW)	4.1	0	4.1	102	0	102
Walnut Mountain	Petros	1.3	.6	1.9	32	15	47
Big Mary	Petros	3.4	3.2	6.6	85	80	165
Windrock	Petros	0	2.1	2.1	0	* 96	96
Joyner	Petros	4.1	1.2	5.3	102	30	132
Jellico	Petros	11.0	3.4	14.4	275	85	360
Blue Gem	Petros	1.3	0	1.3	32	0	32
Poplar Creek	Petros	26.0	4.9	30.9	* 1090	* 328	1,418
Total		51.2	15.4	66.6	1,718	634	2,352
Rex	Pilot Mountain (122 NW)	0	.6	.6	0	* 20	20
Blue Gem	Robbins (128A SE)	.3	.2	.5	8	5	13
Poplar Creek	Robbins	1.3	.4	1.7	* 51	* 31	82
Total		1.6	.6	2.2	59	36	95
Poplar Creek	Rugby (128A SW)	.9	0	.9	* 52	0	52
Coal Creek	Windrock (129 SE)	0	1.8	1.8	0	* 54	54
Poplar Creek	Windrock	7.2	.1	7.3	180	2	182
Total		7.2	1.9	9.1	180	56	236
County Total		130.9	37.8	168.7	4,290	1,336	5,626

* Includes some area stripping.

Overton County

No strip mining has been done in Overton County since the effective date of the Tennessee Strip Mine Law of 1967.

Five hundred ninety acres have been disturbed on the Wilder seam, the only seam that has been stripped in the county.

TABLE 19. AREA DISTURBED BY SURFACE MINING FOR COAL IN OVERTON COUNTY.
[Before and after effective date of the Tennessee Strip Mine Law of 1967; by seam and quadrangle]

Coal Seam	7½' Quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Wilder	Crawford (334 SW)	13.7	0	13.7	274	0	274
Wilder	Wilder (334 SE)	1.5	0	1.5	30	0	30
Wilder	Obey City (108 NW)	11.5	0	11.5	280	0	280
Wilder	Clarkrange (108 NE)	.3	0	.3	6	0	6
County Total		27.0	0	27.0	590	0	590

Pickett County

All of the forty-four acres disturbed by surface mining for coal in Pickett County has been done since the effective date

of the Tennessee Strip Mine Law of 1967. Two areas have been stripped in the county, both on the Wilder seam.

TABLE 20. AREA DISTURBED BY SURFACE MINING FOR COAL IN PICKETT COUNTY.
[Before and after effective date of the Tennessee Strip Mine Law of 1967; by seam and quadrangle]

Coal Seam	7½' Quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Wilder	Moodyville (333-SE)	0	1.5	1.5	0	29	29
Wilder	Pall Mall (335-SW)	1	.7	.7	0	15	15
County Total		0	2.2	2.2	0	44	44

Putnam County

No surface mining has been done in Putnam County. At present there is one active underground mine (Clear Creek

Coal Co.), near Monterey.

Rhea County

Eighteen acres have been stripped in Rhea County, all before the 1967 Strip Mine Law. Nine acres were stripped on

the Sale Creek seam and nine acres on the Sewanee seam. One underground mine is active in Rhea County.

TABLE 21. AREA DISTURBED BY SURFACE MINING FOR COAL IN RHEA COUNTY.
[Before and after effective date of the Tennessee Strip Mine Law of 1967; by seam and quadrangle]

Coal Seam	7½' Quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Sewanee	Graysville (111-NE)	.7	0	.7	9	0	9
Sale Creek	Graysville	.5	0	.5	9	0	9
County Total		1.2	0	1.2	18	0	18

Scott County

There are sixteen active surface mining operations for coal in Scott County at present. More than 7,800 acres have been disturbed by surface mining in the county; fourteen percent of the mining has been done since 1967.

Eighteen coal seams have been surface mined in Scott County, and fifty-six percent of the disturbed area is on the Poplar Creek seam. Ten of the sixteen active strip mines are on the Poplar Creek seam.

A large percentage of the old strip mines will be reclaimed under the strip mine law, because second cuts are being taken on existing pits. Second and third cuts will probably be taken on practically all of the old pits, except where the old pits were augered or the area was deep mined.

There are two active underground mines in the county, both on the Poplar Creek seam.

TABLE 22. AREA DISTURBED BY SURFACE MINING FOR COAL IN SCOTT COUNTY.
[Before and after effective date of the Tennessee Strip Mine Law of 1967; by seam and quadrangle]

Coal Seam	7½' Quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Rock Spring	Block (128 SE)	0	.5	.5	0	10	10
Red Ash	Block	4.1	1.2	5.3	* 110	* 42	* 152
Big Mary	Block	9.8	.2	10.0	* 218	6	* 224
Jellico	Block	.9	3.1	4.0	18	62	80
Total		14.8	5.0	19.8	346	120	466
Rider seams	Fork Mountain (129 NW)	.6	0	.6	12	0	12
Grassy Spring	Fork Mountain	2.9	0	2.9	58	0	58
Rock Spring	Fork Mountain	1.6	.4	2.0	32	8	40
Pewee	Fork Mountain	13.8	0	13.8	276	0	276
Walnut Mtn.	Fork Mountain	10.2	0	10.2	204	0	204
Big Mary	Fork Mountain	13.7	.5	14.2	* 286	10	* 296
Windrock	Fork Mountain	0	1.2	1.2	0	24	24
Pioneer	Fork Mountain	.6	0	.6	12	0	12
Jellico	Fork Mountain	.8	1.4	2.2	16	28	44
Total		44.2	3.5	47.7	896	70	966
Walnut Mtn.	Duncan Flats (129 NE)	.6	0	.6	12	0	12
Big Mary	Duncan Flats	.4	0	.4	8	0	8
Total		1.0	0	1.0	20	0	20

* Some area stripping included in total acres.

TABLE 22.—SCOTT COUNTY (continued)

Coal Seam	7½' Quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Big Mary	Gobey (122 NE)	1.3	0	1.3	26	0	26
Poplar Creek	Helenwood (128A NE)	9.9	7.0	16.9	* 443	* 224	* 667
Wilder	Honey Creek (128A NW)	.3	.2	.5	6	4	10
Pewee	Huntsville (128 NW)	.6	.9	1.5	12	18	30
Big Mary	Huntsville	2.1	0	2.1	42	0	42
Jellico	Huntsville	1.1	.2	1.3	22	4	26
Blue Gem	Huntsville	.2	.2	.4	4	4	8
Poplar Creek	Huntsville	28.0	2.4	30.4	* 672	* 41	* 713
Total		32.0	3.7	35.7	752	67	819
Walnut Mtn.	Jellico West (338 SW)	.1	0	.1	2	0	2
Pewee	Ketchen (337 SE)	.5	.4	.9	* 20	8	* 28
Walnut Mtn.	Ketchen	7.3	.5	7.8	* 226	10	* 236
Red Ash	Ketchen	10.7	1.1	11.8	* 220	22	* 242
Big Mary	Ketchen	.8	0	.8	16	0	16
Windrock	Ketchen	10.2	1.4	11.6	204	28	232
Pioneer	Ketchen	2.1	0	2.1	42	0	42
Jellico	Ketchen	1.0	0	1.0	20	0	20
Blue Gem	Ketchen	.2	0	.2	4	0	4
Poplar Creek	Ketchen	24.2	2.2	26.4	484	44	528
Total		57.0	5.6	62.6	1,236	112	1,348
Pewee	Norma (128 SW)	1.9	0	1.9	38	0	38
Walnut Mtn.	Norma	.4	0	.4	8	0	8
Big Mary	Norma	2.9	1.1	4.0	58	22	80
Windrock	Norma	2.8	0	2.8	56	0	56
Jellico	Norma	4.1	5.6	9.7	82	112	194
Poplar Creek	Norma	8.8	1.0	9.8	176	20	196
Total		20.9	7.7	28.6	418	154	572
Poplar Creek	Oneida North (336 SE)	5.4	3.3	8.7	* 128	* 120	* 248
Pine Bald	Pioneer (128 NE)	.7	.8	1.5	14	16	30
Petree	Pioneer	.1	0	.1	2	0	2
Pewee	Pioneer	4.4	1.0	5.4	* 110	20	* 130
Walnut Mtn.	Pioneer	2.0	0	2.0	* 50	0	* 50
Big Mary	Pioneer	4.2	0	4.2	84	0	84
Windrock	Pioneer	1.3	.3	1.6	26	* 15	* 41
Pioneer	Pioneer	1.4	1.3	2.7	28	26	54
Jordan	Pioneer	.7	0	.7	14	0	14
Jellico	Pioneer	.3	.4	.7	6	8	14
Blue Gem	Pioneer	0	.2	.2	0	4	4
Total		15.1	4.0	19.1	334	89	423
Big Mary	Robbins (128A SE)	.2	0	.2	4	0	4
Windrock	Robbins	3.3	0	3.3	66	0	66
Jellico	Robbins	.9	0	.9	18	0	18
Poplar Creek	Robbins	63.5	1.5	65.0	* 1,343	30	* 1,373
Total		67.9	1.5	69.4	1,431	30	1,461
Windrock	Winfield (337 SW)	.4	.4	.8	8	* 25	* 33
Jellico	Winfield	3.8	.5	4.3	76	10	86
Blue Gem	Winfield	.3	0	.3	6	0	6
Black Wax	Winfield	.9	1.0	1.9	18	20	38
Poplar Creek	Winfield	9.1	1.3	10.4	* 528	* 83	* 611
Total		14.5	3.2	17.7	636	138	774
County Total		284.4	44.7	329.1	6,674	1,128	7,802

* Some area stripping included in total acres.

Sequatchie County

More than thirteen hundred acres have been disturbed by surface mining for coal in Sequatchie County. Fifty-eight percent of the stripping was done before the effective date

of the Tennessee Strip Mine Law of 1967.

There is one active surface mine in the county at present.

TABLE 23. AREA DISTURBED BY SURFACE MINING FOR COAL IN SEQUATCHIE COUNTY.
[Before and after effective date of the Tennessee Strip Mine Law of 1967; by seam and quadrangle]

Coal Seam	7½' Quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Sewanee	Collins (99 NE)	*	*	*	88	190	278
Sewanee	Curtistown (328 SE)	*	*	*	* 369	* 322	691
Sewanee	Daus (104 SW)	4.2	.4	4.6	105	10	115
Sewanee	Ketner Gap (105 NW)	2.2	0	2.2	55	0	55
Sewanee	Fairmount (105 NE)	.3	0	.3	8	0	8
Sewanee	Smartt Mountain (103 SW)	5.5	0	5.5	138	37	175
County Total		12.2	.4	12.6	763	559	1,322

* Area stripping.

Van Buren County

There are five active surface mines in Van Buren County at present, all operating on the Sewanee coal seam with 3,180 acres disturbed.

Fifty percent of the area disturbed in the county comes under the provisions of the Tennessee Strip Mine Law of 1967. This is an unusually high percentage, and is due to the

fact that most of the mining since 1967 is in second or third cuts along side older pits that must therefore also be reclaimed. If mining continues in the same general area, most of the pits now listed as preceding the 1967 law will be affected by future mining, and will have to be reclaimed by the operators.

TABLE 24. AREA DISTURBED BY SURFACE MINING FOR COAL IN VAN BUREN COUNTY.
[Before and after effective date of Tennessee Strip Mine Law of 1967; by seam and quadrangle]

Coal Seam	7½' Quadrangle	Miles of outcrop stripped			Acres disturbed		
		before	after	Total	before	after	Total
Sewanee	Curtistown (328 SE)	1.6	3.4	5.0	* 147	* 344	491
Sewanee	Lonewood (332 SE)	2.5	.7	3.2	* 197	* 39	236
Sewanee	Sampson (103 NE)	6.7	4.1	10.8	* 298	* 282	580
Sewanee	Smartt Mountain (103 SW)	10.4	11.7	22.1	* 826	* 859	1,685
Sewanee	Spencer (103 NW)	1.4	1.3	2.7	* 126	* 62	188
County Total		22.6	21.2	43.8	1,594	1,586	3,180

* Contains area stripping.

White County

All of the area (377 acres) disturbed by surface mining for coal in White County is on the Sewanee (Clifty) seam. There are three active strip mines in the county at present, all in the Clifty area, on the Pleasant Hill quadrangle. Most of the

active mining consists of second cuts on pits that predate the Tennessee Strip Mine Law of 1967.

There are no active underground mines in White County at present.

TABLE 25. AREA DISTURBED BY SURFACE MINING FOR COAL IN WHITE COUNTY.

[Before and after effective date of the Tennessee Strip Mine Law of 1967; by seam and quadrangle]

<i>Seam</i>	<i>7½' Quadrangle</i>	<i>Miles of outcrop stripped</i>			<i>Acres disturbed</i>		
		<i>before</i>	<i>after</i>	<i>Total</i>	<i>before</i>	<i>after</i>	<i>Total</i>
Sewanee	De Rossett (332 NE)	5.6	1.1	6.7	143	25	168
Sewanee	Herbert Domain (109 SW)	.4	.6	1.0	13	19	32
Sewanee	Lonewood (332 SE)	.4	0	.4	5	0	5
Sewanee	Pleasant Hill (109 NW)	2.9	2.4	5.3	124	48	172
County Total		9.3	4.1	13.4	285	92	377

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APPENDIX

Licenses are required to operate mines in Tennessee, and may be obtained from:

State of Tennessee
 Department of Labor
 Division of Mines,
 Edgar H. Douglas, Director
 Room 306
 618 West Church Street
 Knoxville, Tennessee 37902
 Telephone 615-522-5011

In addition to a license, permits must be obtained in order to surface mine, auger, or prospect for coal. Permits can be obtained from:

Department of Conservation
 Division of Surface Mine Reclamation
 Chase Deloney, Director
 2611 West End Avenue
 Nashville, Tennessee 37203
 Telephone 615-741-1046

Department of Conservation
 Division of Surface Mine Reclamation,
 Robert C. Johnson, Assistant Director
 618 West Church Street
 Knoxville, Tennessee 37902
 Telephone 615-741-1046

Before a permit to surface mine coal can be issued, a permit approving discharge of mine drainage must be obtained from the Tennessee Department of Public Health. Permit requests or inquiries should be directed to:

Tennessee Department of Public Health
 Water Quality Control Division,
 S. Leary Jones, Director
 621 Cordell Hull Building
 Nashville, Tennessee 37219

Regional offices to which inquiries about operations in particular counties should be directed are:

Office

Surface Mining Program
 Division of Water Quality Control
 201 Westwood Building
 5616 Kingston Pike
 Knoxville, Tennessee 37919
 Attention: Mr. Earl C. Leming

County

Anderson	Fentress	Rhea
Campbell	Hamilton	Roane
Claiborne	Morgan	Scott
Cumberland	Pickett	

Office

Surface Mining Program
 Division of Water Quality Control
 320-B Capitol Hill Building
 Nashville, Tennessee 37219
 Attention: Mr. Terry K. Cothron

County

Bledsoe	Marion	Van Buren
Coffee	Overton	Warren
Franklin	Putnam	White
Grundy	Sequatchie	