

Annual Report

KENTUCKY
DEPARTMENT OF
MINES and MINERALS

LEXINGTON

1936



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JOHN F. DANIEL

Chief, Department of Mines and Minerals

Annual Report
OF THE
DEPARTMENT OF
MINES and MINERALS
STATE OF
KENTUCKY

For the Year Ended
December 31, 1936

BY

JOHN F. DANIEL

Chief, Department of Mines and Minerals



MINING ENGINEERING BUILDING
UNIVERSITY OF KENTUCKY
LEXINGTON, KY.

LETTER OF TRANSMITTAL

To His Excellency

A. B. CHANDLER, *Governor of Kentucky*
Frankfort, Kentucky

Sir:

I take great pleasure in submitting herewith the report covering the activities of the State Department of Mines and Minerals for the calendar year of 1936, this being my ninth report and the fifty-seventh report of this Department.

With the hope that this report will receive your approval, I have the honor to be

Most respectfully yours,

JOHN F. DANIEL, *Chief*
Department of Mines and Minerals.

Lexington, Kentucky
July 1, 1937

ACKNOWLEDGMENT

The Department of Mines and Minerals wishes to sincerely thank the many coal companies and their employees; the various coal associations; officials of the various oil and gas companies; the Kentucky Oil and Gas Association; the executive officials of the University of Kentucky, along with its Mining and Engineering Departments; the State Department of Vocational Education; and the different departments of the state government for their close cooperation.

PERSONNEL OF THE DEPARTMENT OF MINES AND MINERALS

December 31, 1936

JOHN F. DANIEL

Chief, Department of Mines and Minerals
Lexington, Kentucky

COAL MINING DIVISION

W. A. VINSON, Mine and Scale Inspector, First,
Second and Third DistrictsMadisonville, Ky.
HARRY N. SMITH, District Mine Inspector, Fourth District.....Corbin, Ky.
ROY H. GONIA, District Mine Inspector, Fifth District.....Harlan, Ky.
A. D. SISK, Mine and Scale Inspector, Sixth District.....Hazard, Ky.
W. E. WHEELER, District Mine Inspector, Seventh District, Pikeville, Ky.
W. F. HAYDON, District Mine Inspector, Eighth District.....Ashland, Ky.
LENA WIEDMER, Secretary.....Lexington, Ky.
ROSEMARY JUETT, Secretary.....Lexington, Ky.

GEOLOGICAL DIVISION

D. J. JONES, Geologist.....Lexington, Ky.
N. M. WILDER, Petroleum Engineer.....Lexington, Ky.
GEORGE R. WESLEY, Field Geologist.....Owensboro, Ky.
JOSEPHINE STAPLES, Cashier-Secretary.....Lexington, Ky.

BOARD OF EXAMINERS

JOHN F. DANIEL, ChairmanLexington, Ky.
LENA WIEDMER, SecretaryLexington, Ky.
P. P. GANNON, Operator Member.....Daniel Boone, Hopkins County, Ky.
LAWRENCE RUNYON, Miner MemberStone, Pike County, Ky.
H. N. SMITH, InspectorCorbin, Ky.
W. A. VINSON, InspectorMadisonville, Ky.

INSPECTION DISTRICTS

FIRST, SECOND AND THIRD DISTRICTS

W. A. VINSON, Inspector, Madisonville

Composed of Hopkins, Muhlenberg, Butler, McLean, Christian, Ohio,
Daviess, Hancock, Henderson, Union, Webster and
Crittenden Counties

FOURTH DISTRICT

HARRY N. SMITH, Inspector, Corbin

Composed of Knox, Clay, Laurel, Whitley, Rockcastle, McCreary,
Pulaski, Wayne, Clinton and Jackson Counties

FIFTH DISTRICT

ROY H. GONIA, Inspector, Harlan

Composed of Harlan and Bell Counties

SIXTH DISTRICT

A. D. SISK, Inspector, Hazard

Composed of Perry, Letcher, Knott, Leslie, Breathitt, Morgan, Lee,
Menifee and Wolfe Counties

SEVENTH DISTRICT

W. E. WHEELER, Inspector, Pikeville

Composed of Pike, Floyd, Johnson, Martin and Magoffin Counties

EIGHTH DISTRICT

W. F. HAYDON, Inspector, Ashland

Composed of Boyd, Greenup, Carter, Lawrence and Elliott Counties

INSPECTOR OF MINE SCALES

W. A. VINSON, Mine Scale Inspector, Madisonville, Ky.

Territory: All of Western Kentucky

A. D. SISK, Mine Scale Inspector, Hazard, Ky.

Territory: All of Eastern Kentucky

**DIRECTORY OF COAL OPERATORS' ASSOCIATIONS
IN KENTUCKY, 1936**

BIG SANDY ELKHORN COAL OPERATORS' ASSOCIATION

H. S. HOMAN, Secretary

Ashland, Kentucky

Territory: Boyd, Floyd, Johnson and a part of Pike and Letcher
Counties

HARLAN COUNTY COAL OPERATORS' ASSOCIATION

GEO. S. WARD, Secretary

Harlan, Kentucky

Territory: Harlan County

HAZARD COAL EXCHANGE

A. E. SILCOTT, Secretary

Hazard, Kentucky

Territory: Perry County and a part of Breathitt, Knott and Letcher
Counties

OPERATORS' ASSOCIATION OF THE WILLIAMSON FIELD

J. J. ARDIGO, Secretary

Williamson, West Virginia

Territory: Tug River Water Shed of Pike and Martin Counties

SOUTHERN APPALACHIAN COAL OPERATORS' ASSOCIATION

L. C. GUNTER, Executive Vice President

Holston Banking Building

Knoxville, Tennessee

Territory: Bell, Knox, McCreary and Whitley Counties

WEST KENTUCKY COAL BUREAU

FRANK D. CAIN, Secretary

565 Starks Building

Louisville, Kentucky

Territory: West Kentucky Coal Field

**INSPECTIONS MADE BY THE STATE DEPARTMENT OF MINES
AND MINERALS DURING THE YEARS 1935 AND 1936**

County	1935	1936
Bell	31	23
Boyd	363	57
Breathitt	2	2
Butler	0	11
Carter	240	103
Christian	4	2
Clay	23	17
Clinton	0	2
Daviess	43	7
Elliott	21	20
Floyd	32	36
Greenup	289	95
Hancock	8	1
Harlan	73	54
Henderson	14	3
Hopkins	210	74
Jackson	80	37
Johnson	10	6
Knott	8	4
Knox	78	40
Laurel	76	89
Lawrence	20	6
Lee	21	11
Leslie	7	1
Letcher	28	20
Magoffin	2	0
Martin	5	3
McCreary	3	4
McLean	15	8
Menifee	1	0
Morgan	4	9
Muhlenberg	72	37
Ohio	9	2
Owsley	5	0
Perry	95	40
Pike	55	52
Pulaski	28	9
Rockcastle	8	31
Union	9	14
Wayne	0	7
Webster	50	33
Whitley	69	33
Wolfe	14	5
Totals	2,125	1,008
Mine Scale Inspections	139	111
Grand Totals	2,264	1,119

COAL MINING DIVISION

COAL PRODUCTION

The total tons of coal mined throughout the state during the year equal 47,694,862 as compared with 41,245,504 tons for the previous year. This is an increase of 6,449,358 tons over the 1935 production.

PERSONS EMPLOYED

The coal industry employed 58,494 men in reporting mines during the year as compared to some 53,631 for the previous year.

FATAL ACCIDENTS

There were 104 fatal accidents in and about the mines during 1936, this being 19 less than occurred for the previous year, and we are glad to state that the year 1936, with the exception of 1933, is the best year from a fatal accident standpoint since 1918 when only some 31,000,000 tons of coal were mined.

FIRST AID

During the year one First Aid and Mine Rescue Contest was held in the eastern section of the state, at Hazard, and one in the western section of the state, at Earlington. Both of these contests were well conducted and attended.

GEOLOGICAL DIVISION

Kentucky is particularly fortunate in possessing a vast wealth of mineral resources. These include coal, oil, gas, rock asphalt, clays, fluorspar and stone. Lesser in importance are barite, calcite, lead, zinc, and others as yet undeveloped, either by reason of a lack of market or by the fact that the deposits cannot be worked profitably at this time.

The time is at hand when a detailed mineral resource survey of the State should be made. It is important that we know the location and availability of each mineral. Estimates should be made as to the amount, and under what conditions, each might be placed on the market at a reasonable profit. It is essential that we know to what extent mineral products are being shipped into the State in competition with our own products and our undeveloped resources.

An example of the latter is the production of rock wool. All of this excellent insulating material is being shipped into Kentucky. There is no doubt but what raw materials for its manufacture exist in unlimited quantities within our State. Experimental work could be carried on, and suitable locations for manufacturing plants suggested as a result of a comparatively small expenditure of money.

A mineral resource survey thus will bring more money into the State, and provide more jobs for our unemployed.

The oil and gas industry has profited by the activities of the Geological Division. We have demonstrated to the average operator the futility of blowing off gas from oil producing areas, thus reducing the reservoir pressure, and in the final analysis causing him to produce less oil. At this time, there is very little gas wasted, and those who are inclined to waste gas are urged by their more progressive neighbors to stop this practice. It is to be hoped that all operators will see the value of conservation of gas to the extent that the gas conservation law will be obeyed as a matter of ordinary oil field practice.

The repressuring of oil fields is progressing rapidly under the guidance of core-analysis from our secondary recovery lab-

oratory. Operators are restoring pressures in the partially depleted reservoirs, and an increase in production has resulted in practically every instance.

The following production figures for Estill and Powell Counties indicate the results of repressuring:

Estill produced 170,106 barrels in 1934, 180,336 barrels in 1935, and 216,474 barrels in 1936, which is approximately the production of Estill County for 1931.

Powell County in 1934 produced 93,495 barrels, in 1935 produced 98,968 barrels, and in 1936 produced 103,789 barrels, which is approximately the production for Powell County for the year 1930.

The value of repressuring is demonstrated in these two Counties. It is to be noted, however, that only a very small part of the productive area of either County is being repressured. As the price of oil increases, new repressuring projects will be undertaken, and production from the old producing areas of these Counties should show annual increases for many years.

MAPPING

Our greatest handicap in the development of our mineral resources, as well as the highway, flood and erosion control programs, is our lack of adequate base maps.

Nearly half of the State has been accurately mapped by the United States Geological Survey in cooperation with the Kentucky Geological Survey. The rest of the State is covered by county maps, compiled hurriedly, and some of them are not sufficiently accurate for preliminary studies.

Many of our geologic maps need revising. Our oil and gas maps were compiled from 1924 to 1930, and the location of wells shown on them is out of date to the extent that they are of little use to the oil and gas operator.

A plan is under consideration by the Federal Government, providing for the completion of the topographic mapping of the United States in approximately twenty years. Such a program would be particularly beneficial to Kentucky, and it is hoped that our representatives in Congress will support this plan when it is submitted to them.

Under existing conditions, it is possible to go forward with a mapping program in cooperation with the United States Geological Survey. The Survey will match dollar for dollar

any funds appropriated by the various states for topographic mapping. It is hoped that funds may be made available to take advantage of this cooperative arrangement. In that event, Kentucky will speed up the much needed mapping program, and provide the necessary information for a great number of projects now ready for development.

Each year several thousand maps are sold by the Department of Mines and Minerals to various Federal and State Government agencies, societies, schools and individuals. These maps serve the purchasers in a variety of ways. The need is constantly increasing, and we must meet the demands.

It is of great importance that our school children have accurate maps showing all the important streams, highways, cities, towns, and all other man-made features. The intelligent use of such maps will have a direct educational and practical value.

Kentucky is now receiving considerable attention as a result of the extensive drilling campaign in Illinois by a number of major oil companies. The Western Kentucky Coal Basin will be the scene of these revived activities. The demand for maps will increase as this play develops.

There is a need for a detailed analysis of the rock formations that will be penetrated by the drill in this area. The Department will establish a laboratory for making such studies, and publish reports as the work progresses.

CASUALTIES

**TONNAGE PRODUCED PER CASUALTY FOR THE YEARS OF
1890 to 1936 INCLUSIVE**

YEARS	Total Production	Number of Fatal Accidents	Tons Pro- duced Per Fatal Accident
1890	2,701,496	10	270,149
1891	2,916,069	13	224,313
1892	3,025,303	11	275,027
1893	3,178,381	12	264,865
1894	3,111,192	10	311,119
1895	3,357,770	8	419,721
1896	3,333,478	6	555,579
1897	3,602,097	12	300,174
1898	3,887,908	6	647,985
1899	4,607,255	7	658,179
1900	5,328,964	17	312,468
1901	5,469,986	19	287,894
1902	6,766,984	18	375,493
1903	7,538,032	25	301,869
1904	7,637,096	19	401,952
1905	8,432,523	31	272,017
1906	9,653,647	40	241,341
1907	10,753,124	32	336,035
1908	10,248,533	40	256,215
1909	10,698,384	33	324,063
1910	14,720,011	84	175,238
1911	13,924,811	44	316,473
1912	16,330,496	51	321,205
1913	19,429,790	48	404,787
1914	20,709,902	61	339,506
1915	21,273,669	58	366,787
1916	25,292,767	75	337,236
1917	27,809,976	142	125,422
1918	31,612,617	77	410,553
1919	31,493,637	114	276,259
1920	38,892,044	127	306,236
1921	30,282,659	127	238,446
1922	41,917,321	126	332,677
1923	43,122,109	164	262,939
1924	43,387,732	146	297,176
1925	54,687,932	191	286,324
1926	63,630,955	178	357,477
1927	69,923,979	184	380,022
1928	61,634,243	174	354,219
1929	60,405,528	197	306,627
1930	50,953,910	183	278,129
1931	40,449,499	104	388,937
1932	35,391,466	101	350,410
1933	36,448,207	96	379,668
1934	39,124,046	114	343,193
1935	41,245,504	123	335,329
1936	47,694,862	104	458,604

NUMBER OF MEN EMPLOYED, NUMBER OF MINES OPERATING
AND TONNAGE MINED, DURING THE YEARS OF 1927,

1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, AND 1936

Year	Men	Mines	Tonnage
1927	64,969	622	69,923,979
1928	58,775	491	61,634,243
1929	57,445	451	60,405,528
1930	55,424	400	50,953,910
1931	46,984	366	40,449,499
1932	40,282	380	35,391,466
1933	44,963	388	36,448,207
1934	51,148	1,749	39,124,046
1935	53,631	1,417	41,245,504
1936	58,494	711	47,694,862

TABLE SHOWING CASUALTIES BY MONTHS AND BY COUNTIES; ALSO NUMBER OF TONS OF COAL MINED
AND TONS MINED PER CASUALTY FOR RAILROAD AND TRUCK MINES COMBINED, 1936.

COUNTIES	January	February	March	April	May	June	July	August	September	October	November	December	Totals	Total Tons of Coal Produced	Tons of Coal Produced per Casualty
Bell		1			1		1		1	1		2	7	1,563,622	223,375
Boyd													0	32,950	No Casualty
Breathitt					1								1	58,028	58,028
Butler													0	24,223	No Casualty
Carter													0	36,080	No Casualty
Christian													0	90,411	No Casualty
Clay													0	114,460	No Casualty
Crittenden													0	800	No Casualty
Daviess													0	112,076	No Casualty
Elliott		1	4	1	2	1		2	2	1		1	16	1,720	No Casualty
Floyd	1												0	4,394,012	274,926
Greenup													0	6,594	No Casualty
Harlan	2		1	3	4	3	6	5		4	1	3	32	15,597,653	487,427
Henderson				2				1					0	155,826	No Casualty
Hopkins		1											4	3,742,092	935,523
Jackson													0	147,049	No Casualty
Johnson								1					1	806,166	806,166
Knox													1	370,812	370,812
Laurel						1	1						1	574,021	574,021
Lawrence													0	21,463	No Casualty
Lee													0	3,317	No Casualty
Leslie													0	16,669	No Casualty
Letcher	1	2						1	1	2			7	1,390	No Casualty
Magoffin													0	4,721,466	674,495
														61,631	No Casualty

TABLE SHOWING CASUALTIES BY MONTHS AND BY COUNTIES; ALSO NUMBER OF TONS OF COAL MINED AND TONS MINED PER CASUALTY FOR RAILROAD AND TRUCK MINES COMBINED, 1936—Continued.

COUNTIES	January	February	March	April	May	June	July	August	September	October	November	December	Totals	Total Tons of Coal Produced	Tons of Coal Produced per Casualty
Martin													0	269,532	No Casualty
McCreary								1				1	2	584,456	292,228
McLean													0	7,119	No Casualty
*Menifee				1									1	No Reports Received	No Casualty
Morgan				1					1			2	4	1,431,557	357,889
Muhlenberg													0	175,470	No Casualty
Ohio													0	1,645	No Casualty
Owsley				2					1			3	9	4,470,270	496,697
Perry	1	1	1	1		1	1	1	2		1		13	5,194,934	399,610
Pike		3	1										1	11,099	11,099
Pulaski	1												0	16,450	No Casualty
Rockcastle									1				1	688,218	688,218
Union													0	1,566	No Casualty
Wayne					1					1			2	1,856,770	928,385
Webster											1		1	318,036	318,036
Whitley													0	8,453	No Casualty
Wolfe															
Totals	6	9	6	11	12	6	9	12	9	9	3	12	104	47,694,862	458,604 Average

* This fatality occurred in a small mine where practically no tonnage was produced.

CLASSIFICATION OF CASUALTIES BY MONTHS FOR THE YEAR 1936

MONTH	FALLS OF ROOF				HAULAGE								Electrical	Tipple	Total
	Fall of Roof—Working Face.	Fall of Roof—In Room.	Fall of Roof—On Entry.	Fall of Roof—Knocking Out Timber.	Timbers Knocked Out by Motors, Cars or Falling Slate.	Caught by Falling Timber, Pump Gear or Mine Fan.	Caught Between Rock Fall and Car, Motor and Trolley Pole, or Slate and Brake Wheel.	Caught Between Car and Roof, Car and Face, or Car and Rib.	Caught Between Roof and Motor, or Roof and Machine.	Caught Between Moving Cars or Moving Motors.	Hlt by Motor, Jack, Hammer, or Trap Door.	Run Over by Car or Motor.	Electric Shock.	Fell in Bin.	
January	3		1	1							1				6
February	2				1		1	3				2			9
March	4	1										1			6
April	3		2		1	1		2	1		1				11
May	5	3	1	1						1			1		12
June	1	1		1		1					1	1			6
July			3	2			2						2		9
August	5											3	4		12
September	3	1	1			1		1	1	1		1			9
October	6							1			2				9
November	1									1		1			3
December	6		1									1	3	1	12
Total	39	6	9	5	2	3	3	6	2	3	5	10	10	1	104

Note.—In addition to the casualties listed above there were 6 non-chargeable casualties caused by: Killed in small mine getting out coal for home consumption, heart failure, being run over by truck (schoolboy).

TABLE SHOWING RELATIVE STANDING OF COMPANIES HAVING
CASUALTIES TOGETHER WITH TONS OF COAL MINED
AND TONS MINED PER CASUALTY, 1936.

Relative Standing	COMPANY	Casualties	Total Tons Mined	Tons per Casualty	Relative Standing
1	Elkhorn Coal Corp. (Letcher Co.).....	1	1,014,532	1,014,532	1
2	Blue Diamond Coal Co. (Harlan Co.).....	1	880,252	880,252	2
3	Wisconsin Steel Co.	1	698,102	698,102	3
4	Consolidation Coal Co. (Letcher Co.)	4	2,588,574	647,144	4
5	U. S. Coal & Coke Co.	5	3,015,724	603,145	5
6	West Kentucky Coal Co. (Hopkins Co.)	2	1,180,107	590,053	6
7	Fordson Coal Co.	1	584,208	584,208	7
8	Columbus Mining Co.	1	575,684	575,684	8
9	Black Mountain Coal Corp.	2	1,108,236	554,118	9
10	Benedict Coal Corp.	1	501,868	501,868	10
11	West Kentucky Coal Co. (Union Co.)	1	473,708	473,708	11
12	Majestic Collieries Co.	1	424,356	424,356	12
13	Clover Splint Coal Co.	1	423,862	423,862	13
14	Cornett-Lewis Coal Co.	1	420,651	420,651	14
15	Harlan Wallins Coal Corp.	4	1,624,293	406,073	15
16	Three Point Coal Co.	1	400,005	400,005	16
17	Williams Coal Co.	1	364,574	364,574	17
18	Dawson Daylight Coal Co.	1	364,355	364,355	18
19	Harvey Coal Corp.	1	338,682	338,682	19
20	Emperor Coal Co.	1	337,907	337,907	20
21	Clover Fork Coal Co.	1	324,883	324,883	21
22	South East Coal Co.	1	319,374	319,374	22
23	Pacific Coal Co.	1	311,754	311,754	23
24	West Kentucky Coal Co. (Webster Co.).....	2	606,908	303,454	24
25	Stearns Coal & Lumber Co.....	2	584,456	292,228	25
26	Inland Steel Co.	4	1,166,579	291,645	26
27	Hatfield-Campbell Creek Coal Co.....	1	284,683	284,683	27
28	Kentucky-Jellico Coal Co.	1	263,302	263,302	28
29	Crummies Creek Coal Co.	2	526,513	263,257	29
30	Hardy-Burlingham Mining Co.	2	433,380	216,690	30
31	Pike-Floyd Coal Co.	1	202,484	202,484	31
32	Harlan Collieries Co.	2	402,451	201,226	32
33	Kenmont Coal Co.	1	196,975	196,975	33
34	Leckie Collieries Co.	1	189,327	189,327	34
35	Edgewater Coal Co.	3	533,636	177,879	35
36	Elkhorn Coal Corp. (Floyd Co.)	5	849,499	169,900	36
37	Koppers Coal Co. (Floyd Co.)	3	509,430	169,810	37
38	Mary Helen Coal Corp.....	3	471,999	157,333	38
39	Pruden Coal & Coke Co.	2	286,953	143,477	39
40	Green Silvers Coal Corp.	1	130,606	130,606	40
41	Utilities Elkhorn Coal Co.	2	242,445	121,222	41
42	Harlan Crown Coal Co.	1	111,031	111,031	42
43	High Splint Coal Co.	3	327,343	109,114	43
44	New Alma Coal Co.	2	201,550	100,775	44

TABLE SHOWING RELATIVE STANDING OF COMPANIES HAVING
CASUALTIES TOGETHER WITH TONS OF COAL MINED
AND TONS MINED PER CASUALTY, 1936—Continued.

Relative Standing	COMPANY	Casualties	Total Tons Mined	Tons per Casualty	Relative Standing
45	Sudduth Fuel Co.	1	95,443	95,443	45
46	Coleman Fuel Co.	1	94,800	94,800	46
47	Wells Elkhorn Coal Co.	3	280,858	93,619	47
48	Straight Creek Coal Co.	1	92,732	92,732	48
49	Belva Straight Creek Coal Co.	1	90,770	90,770	49
50	Perkins Bowling Coal Corp.	1	88,222	88,222	50
51	Elkhorn Junior Coal Co.	1	85,514	85,514	51
52	Paragon Elkhorn Collieries Co.	1	75,113	75,113	52
53	Dixie Diamond Colliery	1	73,072	73,072	53
54	Greenville Coal Co.	1	65,180	65,180	54
55	Ajax Coal Co.	1	56,496	56,496	55
56	Indian Head Mining Co.	1	55,808	55,808	56
57	Elcomb Coal Co.	1	53,322	53,322	57
58	The Good Coal Co.	1	50,000	50,000	58
59	R. T. Davis Coal Co.	1	47,518	47,518	59
60	Chavies Coal Co.	1	34,641	34,641	60
61	New Long Ridge Coal Co.	1	21,000	21,000	61
62	Rogers Brothers Coal Co.	2	38,129	19,065	62
63	Bert Whitaker	1	2,400	2,400	63
64	Wender Blue Gem Coal Co.	1	1,200	1,200	64
65	Broker Mining Co.	1	No Report		65
66	Lyons-Penny-Williams	1	No Report		66

DIRECTORY OF MINES

WAGON AND TRUCK MINES

WAGON AND TRUCK MINES—EASTERN KENTUCKY, 1936.

No.	OPERATOR	POST OFFICE	Tons Produced	Total Men Employed	Seam Worked	No.
BELL COUNTY						
1	Block Banner Coal Co. (Roy Lloyd)	Middlesboro	8,321	21	Capito	1
2	Cody and Yokum Coal Co.	Middlesboro	379	5	Blue Gem	2
3	Kelly Coal Co., J. E.	Fonde	2,472	5	Stray	3
4	Kenton Evans Coal Co.	Middlesboro	200	6	Mason	4
5	Kentucky Gem Coal Co.	Middlesboro	10,400	19	Mason	5
6	Lee, A. H.	Middlesboro	2,160	6	Dixie Gem	6
7	Little Log Mountain Mining Co.	Middlesboro	3,455	12	Barner	7
8	Maples, Noah and Robert	Middlesboro	50	3		8
9	Marlow, Joe	Middlesboro	3	3	Billy Goat	9
10	Martin, Paris	Cumberland Gap, Tenn.	574	3	Blue Gem	10
11	Mathas and Webb	Middlesboro	40	2		11
12	Moyers Coal Co.	Middlesboro	2,436	5	Dixie Gem	12
13	Napier, John L.	Pineville	300	3	St. Creek	13
14	New Little Log Mountain Coal Co.	Middlesboro	1,200	12	Barner	14
15	Prafter, Bird	Middlesboro	200	4	Blue Gem	15
16	Reese Coal Co., Milton	Middlesboro	18	8	Blue Gem	16
17	S. & S. Coal Co.	Middlesboro	4,635	15	Turner	17
18	See Berry Coal Co.	Middlesboro	600	5		18
19	Tennysen Coal Co.	Middlesboro	600	7	Turner	19
20	Tkach, Sam	Middlesboro	320	4	Billy Goat	20
21	Waddell, Carl	Middlesboro	16	2	Dixie Gem	21
22	Webb Coal Co.	Middlesboro	500	10	Dixie Gem	22
23	Yoakum Coal Co.	Middlesboro	769	4	Blue Gem	23
Totals			39,648	164		

BOYD COUNTY

24	Carbon Mining Co.	Ashland	767	41	No. 7	24
25	Childers, Charles	Ashland	400	5	No. 7	25
26	Clark, Henry	Ashland	560	4	No. 6	26
27	Click, William	Ashland	100	2	No. 7	27
28	Conley, Charles	Ashland	655	4	No. 7	28
29	Cornett, John H.	Ashland	1,620	6	No. 7	29
30	Elam, Wirt	Ashland	100	3	No. 7	30
31	Griffith, Frank	Ashland	600	4	No. 7	31
32	Maywood Coal Co.	Ashland	1,390	7	No. 6	32
33	Patton, Bert	Ashland	400	4	No. 7	33
34	Runyon, Goebel	Callettsburg	260	5	No. 6	34
35	Schmidt, Henry	Rush	339	2	No. 6	35
36	Sloan, Mitchell	Ashland	1,685	10	No. 7	36
37	Urick, William	Ashland	120		No. 6	37
38	West, Thomas	Ashland	676	4	No. 6	38
Totals			9,672	101		

BREATHITT COUNTY

39	Combs, Jim	Jackson	340	2		39
40	Sewell, Prys	Kragon	1,250			40
41	Strong, Fred	Jackson	500	2		41
42	White, Earl	Wilhurst	520	3		42
Totals			2,610	7		

CARTER COUNTY

43	Barnhill, Dell	Rush	34	1	No. 8	43
44	Biggs, Jack	Grahn	100	2	No. 3	44
45	Blair, Les	Gregoryville	200	2	No. 3	45
46	Clark, W. H.	Rush	90	1	No. 7	46

WAGON AND TRUCK MINES—EASTERN KENTUCKY, 1936—Continued.

No.	OPERATOR	POST OFFICE	Tons Produced	Total Men Employed	Seam Worked	No.
47	Clay, Delbert	Rush	800	3	No. 7	47
48	Conley, W. G.	Rush	50	2	No. 8	48
49	Ferguson, George	Rush	1,600	7	No. 7	49
50	Ferguson, Jim	Rush	640	3	No. 7	50
51	Fortner, H.	Rush	225	2	No. 6	51
52	Gallion, V. H.	Rush	313	6	No. 7	52
53	Hampton, Vol	Rush	600	3	No. 7	53
54	Haney, George	Rush	800	5	No. 7	54
55	Haney, William	Rush	400	3	No. 7	55
56	Holley, John	Rush	100	2	No. 7	56
57	Johnston, W. D.	Grayson	139	2	No. 3	57
58	Jones, Leonard	Rush	300	3	No. 7	58
59	Littleton, Gomez	Gregoryville	750	5	No. 7	59
60	Lucas, Henry	Rush	150	2	No. 7	60
61	Mayo, Charles E.	Leon	59	3	Miller	61
62	Moore Branch Coal Co.	Hitchens	20,000	22	No. 7	62
63	Morrison, Frank B.	Rush	175	2	No. 7	63
64	Norton Branch Coal Co.	Rush	313	4	No. 7	64
65	Oliver, Carter	Rush	380	3	No. 7	65
66	Shawhan, P. M.	Rush	375	3	No. 7	66
67	Stallard, James	Grayson	96	2	No. 7	67
68	Thomas Brothers	Rush	5,269	10	No. 7	68
69	Wallen, Jim	Grann	200	2	No. 3	69
70	Wilson, Floyd	Gregoryville	1,584	4	No. 3	70
71	Wolf Creek Coal Co.	Leon	338	6	No. 7	71
Totals			36,080	115		

CLAY COUNTY

72	Carnes, J. R. (Mine No. 1)	Sibert	55	3	Horse Creek	72
73	Carnes, J. R. (Mine No. 2)	Sibert	100	2	Horse Creek	73
74	Hensley, R. J.	Pigeonroost	1,040	3	Horse Creek	74
75	Hensley, William	Pigeonroost	840	3	Horse Creek	75
76	Herd Coal Co., E. G.	Sibert	400	5	Horse Creek	76
77	Hibbard, Ford	Sibert	167	2	Black Diamond	77
78	Jarvis Coal Co.	Pigeonroost	2,000	7	Horse Creek	78
79	Swafford Coal Co.	Pigeonroost	2,112	4	Horse Creek	79
Totals			6,714	29		

ELLIOTT COUNTY

80	Gibson, Russell and Homer	Isonville	380	2	No. 3	80
81	Ison, Ben	Isonville	250	3	No. 3	81
82	Kazee, Watt (Mine No. 1)	Isonville	420	3	No. 3	82
83	Kazee, Watt (Mine No. 2)	Isonville	220	No. 3	No. 3	83
84	Porter, Gomez	Sansilk	250	No. 3	No. 3	84
85	Waggoner, John	Isonville	200	2	No. 3	85
Totals			1,720	10		

FLOYD COUNTY

86	May, J. C.	Dwale	85	1	Elkhorn	86
87	Merritt, E. P.	Emma	90	1	Elkhorn	87
Totals			175	2		

GREENUP COUNTY

88	Blanton, Haden	Cheap	300	3	Clod	88
89	Brown, John	Cheap	225	3	Clod	89

WAGON AND TRUCK MINES—EASTERN KENTUCKY, 1936—Continued.

No.	OPERATOR	POST OFFICE	Tons Produced	Total Men Employed	Seam Worked	No.
90	Caldwell, Jerry	Rice	150	.....	Clod	90
91	Callihan, Sam	Cheap	480	4	Clod	91
92	Coleman, Charles	Ashland	325	4 No. 7	Clod	92
93	Dillows, John	Cheap	250	3	Clod	93
94	Dills, Ed	Cheap	450	2	Clod	94
95	Haes, A. G.	Stonington	191	3	Clod	95
96	Hamilton, Bruce	Rice	250	.....	Clod	96
97	Hensley, Judson	Cheap	175	3	Clod	97
98	Lewis, Link	Wurtland	188	2	Clod	98
99	Melvin, J. D.	Wurtland	200	4	Clod	99
100	Nichols, Arthur	Rice	300	5 No. 6	Clod	100
101	Penix, J. C.	Rice	175	3	Clod	101
102	Salvers, Jerry	Cheap	150	2	Clod	102
103	Sexton, John B.	Rice	375	3	Clod	103
104	Stanley, Monroe	Cheap	780	7 No. 7	Clod	104
105	Riffe, Russell	Cheap	50	3	Clod	105
106	White, George	Cheap	400	4	Clod	106
107	White, S. M.	Cheap	280	3	Clod	107
108	Whitten, Earl	Cheap	900	5 No. 7	Clod	108
	Totals		6,594	66		
HARLAN COUNTY						
109	Hall Brothers	Cumberland	214	2		109
110	Smith Blanton Coal Co.	Baxter	2,000	6	Harlan	110
	Totals		2,214	8		

JACKSON COUNTY

111	Abney Brothers	Berea	7,468	11	Bond	111
112	Birch Lick Coal Co.	Waneta	1,106	10		112
113	Charles and Angel Coal Co.	McKee	60	3		113
114	Clark & Lester	Berea	8,570	30	Sand Gap	114
115	Collins and Stanberry	Sand Gap	390	4		115
116	Dean, W. A.	Berea	8,575	23	Harrison	116
117	Hellard Ridge Coal Co.	Sand Gap	7,500	7	Harrison	117
118	Hurst, Joe	Sand Gap	2,500	18	Harrison	118
119	Indian Creek Coal Co. (Manning, J. H.)	McKee	220	4	Sand Gap	119
120	Irvanna Coal Co.	Sand Gap	9,033	12	Bond	120
121	Kincald & Kincald	Sand Gap	800	5	Sand Gap	121
122	Llewellyn, Lloyd	McKee	1,700	15		122
123	Mink, Roscoe	Sand Gap	5,000	14	Sand Gap	123
124	Sand Gap Coal Co. (Operated Sept. to Jan.)	Sand Gap	9,000	41	Bond	124
125	Scrivener & Moore	Berea	80,077	95	Bond	125
126	Turner, Grant	McKee	50	1		126
127	Wilkerson Brothers (Operated Jan. to Sept.)	Sand Gap	5,000	10	Bond	127
	Totals		147,049	303		
JOHNSON COUNTY						
128	Cantrell, R. P.	Paintsville	500	2	Millers Creek	128
129	Castle, Jerome	Nippa	100	2	Millers Creek	129
130	Crislip, George	Kerz	190	2		130
131	Fitch, Oscar	Kerz	260	2		131
132	Horn, Robie	Staffordsville	600	2	Millers Creek	132
133	Pickelselmer, U. G.	Sitka	260	2		133
134	Preston, J. C.	Meally	125	1		134
135	Preston, L. T.	Williamsport	135	2		135
136	Rice, I. G.	Sitka	140	2		136
137	Vanhoose, Fred	Nippa	205	2	Millers Creek	137
138	Ward, C. C.	Paintsville	500	2		138

WAGON AND TRUCK MINES—EASTERN KENTUCKY, 1936—Continued.

No.	OPERATOR	POST OFFICE	Tons Produced	Total Men Employed	Seam Worked	No.
139	Williams, James	Williamsport	120	1		139
	Totals		3,135	22		
140	Everage, Ballis W.	Hindman	150	2		140
141	Perkins, William	Hindman	350	3		141
	Totals		500	5		
KNOX COUNTY						
142	Black, Ben F.	Barbourville	35	1	Blue Gem	142
143	Cannel Ridge Coal Co.	Gray	1,089	4	Jellico	143
144	Childress, E. E.	Wilton	50	1	Jellico	144
145	Elam Coal Mining Co.	Bimble	1,300	3	Jellico	145
146	F. & F. Coal Co.	Gray	50	2		146
147	Farris Brothers	Gray	1,600	4	Bertha Jellico	147
148	Foley, Arnold and Roy	Gray	225	2	Bertha	148
149	Gambrell, Arthur	Bimble	50	1		149
150	Hale, William	Barbourville	20	2	Blue Gem	150
151	Harklerood, R. H.	Barbourville	200	2	Blue Gem	151
152	Hilton, J. C.	Woodbine	100	3	Jellico	152
153	Humfleet, C. B.	Woodbine	16	1	Blue Gem	153
154	Ketchum Coal Co., J. R.	Trosper	15,246	33	Dean	154
155	Mills, G. T.	Flat Lick	50	2		155
156	Mitchell, Eugene	Woodbine	500	3	N. Jellico	156

157	Ward, Frank	Wilton	450	3	Jellico	157
	Totals		20,981	67		
LAUREL COUNTY						
158	Baker, William	Pittsburg	1,210	4	Peacock	158
159	Binder Brothers	London	764	8		159
160	Centers Coal Co.	East Bernstadt	1,577	9		160
161	Cloyd, Jess	East Bernstadt	2,600	10		161
162	Cloyd, Jess, and House, O. C.	East Bernstadt	2,300	7		162
163	Gentry, Ray	East Bernstadt	300	3		163
164	Gibbs, Otto	East Bernstadt	150	2		164
165	Hensley, Roy	East Bernstadt	100	2		165
166	Khranbuhl, Alfred	London	350	4	Peacock	166
167	Khranbuhl, Eugene	London	160	5	Peacock	167
168	London Coal Co.	London	3,600	12		168
169	Loyd, R. L.	London	540	6	Peacock	169
170	Onkst, G. D.	London	360	3	Laurel	170
171	Osborn, Clifford	Corbin	700	4		171
172	Phelps, Sam	East Bernstadt	572	4		172
173	Proffitt, C. C.	London	800	3	Peacock	173
174	Ryser, Elmer	East Bernstadt	600	1	Jellico	174
175	Slate Lick Coal Co.	London	1,000	20		175
176	Wilkerson, James	London	2,020	6		176
177	Woody, W. E.	Pittsburg	1,760	4	Colony	177
	Totals		21,463	117		
LAWRENCE COUNTY						
178	Ables, George	Cadmus	190	2	McHenry	178
179	Borders, Monroe	Ulysses	60	1	McHenry	179
180	Castle, Lon	Ulysses	55	1	McHenry	180
181	Childress, Quincy	Louisa	96	2	McHenry	181

WAGON AND TRUCK MINES—EASTERN KENTUCKY, 1936—Continued.

No.	OPERATOR	POST OFFICE	Tons Produced	Total Men Employed	Seam Worked	No.
182	Cochran, Henry	Louisa	336	2	McHenry	182
183	Cochran, M. H.	Louisa	160	2	McHenry	183
184	Cox, Charles	Louisa	120	1	No. 3	184
185	Fugate, Bill	Louisa	110	2	McHenry	185
186	Short, Ray	Cadmus	126	2	McHenry	186
187	Shortridge, E. B.	Cadmus	263	2	McHenry	187
188	Thompson, George	Louisa	225	2	McHenry	188
189	Torchlight Block Coal Co.	Torchlight	1,366	8	McHenry	189
190	Vanhorn, Fred	Cadmus	120	2	McHenry	190
191	Young, F. S.	Lowmansville	90	1	McHenry	191
	Totals		3,317	30		
LEE COUNTY						
192	Asbell, Price	Beattyville	1,500	6	No. 4	192
193	Bailey & Barrett	Beattyville	237	4	No. 4	193
194	Bowman, Buford	Beattyville	1,340	9	Stray	194
195	Brim, C. L.	Beattyville	75	2		195
196	Congleton Brothers	Beattyville	2,910	8	Beattyville	196
197	Dunaway, Henry	Heidelberg	130	2		197
198	Dunaway, Henry and McQuire	Congleton	1,444	7	Bottom	198
199	Goe, Walker	West Irvine	2,000	10		199
200	Hogan, James	Beattyville	125	2		200
201	Little, J. C.	Beattyville	2,000	5		201
202	Thomas, Walker	Congleton	208	4		202
203	Thomas, W. M.	Ida May	70	2		203
204	Tincher & Combs	Beattyville	4,000	10		204
205	Warren, A. H.	Bell Point	85	2		205

206	Weaver, V. C.	Winchester	425	4		206
207	Williams, John	Beattyville	120	2		207
	Totals		16,669	79		
LESLIE COUNTY						
208	Asher, Albert	Hyden	550	3		208
209	Combs, Sam	Hyden	380	3		209
210	Turner, J. L.	Wooton	460	2		210
	Totals		1,390	8		
LETCHER COUNTY						
211	Bowen, John	Lester	210	3		211
212	Combs, Archie	Whitesburg	110	2		212
213	Combs, A. C.	Whitesburg	165	2		213
214	Fairchild, S. R.	Whitesburg	200	3		214
215	Neace, Jim	Letcher	100	2		215
216	Summery, J. W.	Blackey	125	2		216
	Totals		910	14		
MAGOFFIN COUNTY						
217	Caudill, B. F.	Salversville	209	2	Millers Creek	217
218	Conley, Ollie	Salversville	109	1	Millers Creek	218
219	Jackson, Lark	Falcon	196	1	Millers Creek	219
220	McCoy, Martin	Sublet	120	1	Elkhorn	220
	Totals		634	5		

WAGON AND TRUCK MINES—EASTERN KENTUCKY, 1936—Continued.

No.	OPERATOR	POST OFFICE	Tons Produced	Total Men Employed	Seam Worked	No.
MORGAN COUNTY						
221	Atkins, Keneth	Redwine	500	4		221
222	Benton, I. M.	Caney	210	2		222
223	Caskey, Glen	Lick Branch	175	2		223
224	Elam Brothers	Caney	500	3		224
225	Fannin, Jim	Lenox	240	2		225
226	Gibson, Arthur	Caney	180	2		226
227	Gibson, Jason	Caney	80	2		227
228	Havens, John Frank	Cannel City	400	3		228
229	Hurt, James	Cannel City	130	3		229
230	Leach, F. M. A.	Lenox	286	4		230
231	Lykins, P. M.	Caney	115	2		231
232	Phipps, Hager, and Elam, John	Cannel City	800	4	Cannel	232
233	Short, J. H.	West Liberty	240	3		233
234	Terrell, Jack, and Reed, Andrew	Cannel City	300	3		234
235	Todd, G. L.	Redwine	220	3	Cannel	235
236	Walton, Thomas	Cannel City	320	4		236
237	Wheeler, Frank	Lenox	260	2		237
Totals			4,956	48		
OWSLEY COUNTY						
238	Abshear, John B.	Booneville	275	2		238
239	Baker, J. W.	Booneville	560	4		239
240	Hensley, Robert	Booneville	250	2		240
241	Holburton, Dock	Booneville	260	2		241

242	Rice, H. H.	Booneville	300	2		242
Totals			1,645	12		
PERRY COUNTY						
243	Asher, F. L.	Combs	1,200	3		243
244	Combs, James M.	Combs	800	2	No. 4	244
245	Crawford Coal Co., Nick	Combs	950	3		245
246	Crawford, J. D.	Combs	1,150	4		246
247	Crawford, Sam	Hiltonian	400	2		247
248	Gobsey, Robert	Bulan	200	3		248
249	Hays Coal Co., L. H.	Hazard	1,200	2		249
250	Hays, Robert	Hazard	400	2	No. 4	250
251	McKinley Combs Coal Co.	Lothair	1,800	4		251
252	Snyder, Fred	Hazard	1,600	4		252
253	Stacy, James	Dwarf	300	2		253
254	Turner Bros. Coal Co.	Hazard	1,200	4		254
255	Turner Coal Co., Babe (Mine No. 1)	Hazard	800	3		255
256	Turner Coal Co., Babe (Wabaco Mine)	Hazard	52	4		256
257	York, Felix	Diablock	500	2		257
Totals			12,552	44		
PIKE COUNTY						
258	Bentley, Harrison	Virgie	25	1		258
259	Blackburn, Ellis	Huddy	80	2	Pond Creek	259
260	Carter, James	Pikeville	200	3	Elkhorn	260
261	Ferguson Creek Coal Co.	Pikeville	800	3	Elkhorn	261
262	Fleming, Eliza	Virgie	120	1		262
263	Harmon, Tom	Virgie	25	1		263
264	*Purity Cannel Coal Co.	Millard	11,231	50		264
265	Runyon, Troy	Pinsonfork	120	2	Pond Creek	265

* Semi-Truck Mine.

WAGON AND TRUCK MINES—EASTERN KENTUCKY, 1936—Continued.

No.	OPERATOR	POST OFFICE	Tons Produced	Total Men Employed	Seam Worked	No.
266	*Shelby Steam Coal Co.	Shelbiana	3,738	16	Elkhorn	266
267	Taylor, John	Pikeville	1,828	3	Elkhorn	267
	Totals		18,167	82		
PULASKI COUNTY						
268	Arthur, Jewell	Squib	100	2		268
269	Barnes, Robert F.	Stab	800	2		269
270	Burdine, Oma	Stab	400	2		270
271	Burdine, Raymond	Squib	400	2		271
272	Hardgrove, I. L.	Tateville	75	1		272
273	Harper, J. H.	Stab	320	3	No. 3	273
274	Linville, Charles	Stab	600	2		274
275	Robbins, Herbert	Stab	1,600	4		275
276	Sears, J. P.	Somerset	2,500	5	No. 3	276
277	Shiplott, George	Somerset	720	4		277
278	Trivett, & Arthur	Squib	600	2		278
279	Ward, Scott	Squib	384	1		279
280	Whitaker, Bert	Stab	2,400	3		280
281	Whites, Evan	Ano	200	2		281
	Totals		11,099	35		
ROCKCASTLE COUNTY						
282	Cannel Ridge Coal Co.	Billows	7,800	10		282
283	Cooper, A. J.	Billows	2,300	8		283

* Semi-Truck Mine.

284	Guthrie Coal Co.	London	1,600	19		284
285	Ponder, Harrison	Livingston	350	4		285
286	Randolf, C. C.	Squib	1,700	6		286
287	Spivey, Sam	Livingston	1,500	3		287
288	Traveller, Geo.	Livingston	1,200	3		288
	Totals		16,450	53		
WAYNE COUNTY						
289	Davis, S. C.	Steubenville	1,462	9	Slope Way	289
290	Spann, G. W.	Monticello	104	2		290
	Totals		1,566	11		
WHITLEY COUNTY						
291	Cromwell, Oliver	Williamsburg	150	2	River	291
292	Davis Jellico Coal Co.	Wofford	500	4	Jellico	292
293	Evans, Albert	Williamsburg	464	3	Dixie Gem	293
294	Freeman, Geo.	Williamsburg	25	2	River	294
295	Huddleston, W. H.	Williamsburg	125	1	Blue Gem	295
296	Morton, Alford, & Son	Williamsburg	300	2	River	296
297	Mowry & Sprowles Coal Co.	Emlyn	600	3		297
298	Siler, George W.	Saxton	700	3		298
299	Siler, John L.	Pleasant View	85	2	Dixie Gem	299
300	Smith, E. F.	Williamsburg	200	1	River Gem	300
301	Smith, Isham	Savoy	150	3	Dixie Gem	301
302	Thomas Coal Co.	Saxton	1,200	19	Blue Gem	302
303	Wender Blue Gem Coal Co.	Jellico, Tenn.	1,200	6	Jellico	303
	Totals		5,699	51		

WAGON AND TRUCK MINES—EASTERN KENTUCKY, 1936—Continued.

No.	OPERATOR	POST OFFICE	Tons Produced	Total Men Employed	Seam Worked	No.
WOLFE COUNTY						
304	Alexander, W. F.	Campton	800	3	.....	304
305	Allen, W. N.	Campton	400	3	.....	305
306	Booth, James	Grannie	73	2	.....	306
307	Branham, Ed.	Campton	500	4	.....	307
308	Brewer, V. T.	Campton	600	4	.....	308
309	Carroll, Fred	Grannie	65	2	.....	309
310	Centers, G. T.	Stillwater	125	3	.....	310
311	Drake, Fred	Grannie	210	2	.....	311
312	Drake, W. W.	Grannie	120	2	.....	312
313	Elkins, S. R.	Campton	250	2	.....	313
314	Fallen, C. G.	Helechawa	85	2	.....	314
315	Faulkner, Byrd	Helechawa	95	2	.....	315
316	Gibbs, Dan M.	Campton	110	2	.....	316
317	Hall, Tommy	Helechawa	85	2	.....	317
318	Hatton, T. C.	Helechawa	400	3	.....	318
319	Hollon, Willey	Campton	260	2	.....	319
320	Little, S. J.	Campton	500	4	.....	320
321	McCloud, A. N.	Campton	700	5	.....	321
322	Miller, Isaac	Malaga	125	3	.....	322
323	Roberts, Arvill	Campton	1,100	6	.....	323
324	Roberts, J. B.	Campton	700	6	.....	324
325	Rose, Bruce	Helechawa	750	4	.....	325
326	Spencer, Joe	Campton	400	4	.....	326
Totals			8,453	72		
Totals for Eastern Kentucky			402,062	1,560		

WAGON AND TRUCK MINES—WESTERN KENTUCKY, 1936.

No.	OPERATOR	POST OFFICE	Tons Produced	Total Men Employed	Seam Worked	No.
BUTLER COUNTY						
327	A. & J. Coal Co.	Morgantown	640	4		327
328	Appling, C. R.	Dunbar	150	4		328
329	Evans, J. C.	Morgantown	900	9		329
330	Fields, D. B.	Dunbar	840	6		330
331	Flener, J. E.	Morgantown	800	6	Stray	331
332	Gardner Coal Mining Co., J. B.	Morgantown	3,180	12	Stray	332
333	Green River Coal Co.	Dunbar	2,400	9	No. 6	333
334	Hatcher, G. E.	Dunbar	360	3		334
335	Ivan, Martin E.	Dunbar	1,800	7		335
336	Johnson, Ivan	Dunbar	478	5		336
337	Johnson, N.	Morgantown	150	2		337
338	Melton, Charles (Melton Mine)	Dunbar	1,500	9		338
339	Melton, Charles (Ellis No. 1 Mine)	Dunbar	500	11	Stray	339
340	McCormick, C. (Ellis No. 2)	Morgantown	3,150	18	Stray	340
341	McCormick, C. (Ellis No. 4)	Morgantown	2,460	10		341
342	Romans, G. L.	Dunbar	1,200	8		342
343	Sublett, E. L.	Morgantown	840	5		343
344	Taylor, Ochra	Dunbar	675	6		344
345	Whitaker, Sydney	Dunbar	1,120	6		345
346	Whittinghill, J. E.	Dunbar	1,080	5		346
Totals			24,223	145		
CHRISTIAN COUNTY						
347	K. Y. 6 Mines	Mannington	1,275	17	No. 6	347

WAGON AND TRUCK MINES—WESTERN KENTUCKY, 1936—Continued.

No.	OPERATOR	POST OFFICE	Tons Produced	Total Men Employed	Seam Worked	No.
348	Puddin Head Mine	Mannington	8,000	23	No. 6	348
	Totals		9,275	40		
349	Joyce, A. C.	Sullivan	800	4	No. 9	349
	Totals		800	4		
	DAVIESS COUNTY					
350	Alvey Brothers	Owensboro	9,500	16	No. 9	350
351	Carden, Elmer	Owensboro	1,200	4		351
352	Corum, J. R., & Sons	West Louisville	1,500	6	No. 9	352
353	Hancock, L. H., & Sons	Owensboro	900	4	No. 9	353
354	Kurz Coal Co.	Owensboro	22,109	20	No. 9	354
355	Miller, T. P.	Mosleyville	7,000	17	No. 9	355
356	Nation, John (Mine No. 1)	Owensboro	2,500	8	No. 9	356
357	Nation, John (Mine No. 2)	Owensboro	1,600	6	No. 9	357
358	O'Bryan, George T.	Owensboro	41,200	47	No. 9	358
359	O'Bryan, I. P.	Owensboro	480	5	No. 9	359
360	Otis, Alvey	Rome	3,100	5	No. 9	360
361	Reynolds, A. A.	Utica	1,458	5	No. 9	361
362	Scott, Nathan	Owensboro	9,780	12	No. 9	362
363	Stallings, H. C.	West Louisville	2,400	7	No. 9	363
364	Vanover, Robert, & Sons	Rome	1,000	6	No. 9	364
365	West Louisville Coal Co.	West Louisville	2,349	15	No. 9	365
366	Williams, Ezra	Rome	2,200	6	No. 9	366

367	Wood Coal Co.	Owensboro	1,800	7	No. 9	367
	Totals		112,076	196		
	HENDERSON COUNTY					
368	Anthoston Coal Co.	Henderson	3,246	6	No. 9	368
369	Archbold Coal Co., John	Hebbardsville	2,898	29	No. 9	369
370	Community Coal Co.	Smith Mills	22,160	26		370
371	Connolly Coal Co.	Henderson	1,800	11	No. 9	371
372	Eastin Coal Co.	Spottsville	3,366	13	No. 9	372
373	Graham Hill Coal Co.	Henderson	8,000	21	No. 9	373
374	Nicholson & Sons, J. L.	Henderson	13,270	19	No. 9	374
375	Peach Orchard Coal Co.	Spottsville	13,600	9	No. 9	375
376	Robards, B. N.	Henderson	3,600	7	No. 9	376
377	Zion Coal Co.	Henderson	8,852	19	No. 9	377
	Totals		80,792	160		
	HOPKINS COUNTY					
378	Ayers, Ray, & Browning, Theo.	Nortonville	80	4		378
379	Brown, M. B.	Madisonville	2,000	11	No. 6	379
380	Cairol, Pearl	Dawson Springs	147	6	No. 9	380
381	Fox, Fred H.	Dawson Springs	5,261	10	No. 9	381
382	Franklin-Hawkins	Dawson Springs	41,410	12	No. 9	382
383	Gamblin, Etha	Dawson Springs	5,580	18	No. 9	383
384	Hoffman, J. W.	Nortonville	1,421	5	No. 11	384
385	Kergio Coal Co.	St. Charles	5,000	14	No. 6	385
386	Laffoon, Robert (Mine No. 1)	Dawson Springs	5,000	7	No. 6	386
387	Laffoon, Robert (Mine No. 2)	Dawson Springs	1,124	5	No. 9	387
388	Manire, B. L.	Dawson Springs	7,200	5	No. 9	388
389	Moore, B. D.	Earlington	3,915	12	No. 9	389
390	Morris Brothers	White Plains	6,200	14	No. 9	390
391	Nantz, B. C.	Dawson Springs	3,000	5	No. 11	391
		Madisonville				

WAGON AND TRUCK MINES—WESTERN KENTUCKY, 1936—Continued.

No.	OPERATOR	POST OFFICE	Tons Produced	Total Men Employed	Seam Worked	No.
392	Ninth Vein Coal Co.	White Plains	800	6	No. 9	392
393	Winstead, I. E.	Madisonville	5,400	15	No. 11	393
394	Workman, Erbie	Dawson Springs	8,000	9	No. 6	394
	Totals		101,538	158		
McLEAN COUNTY						
395	Blades & Rector Coal Co.	Island	5,000	7	No. 9	395
396	Dwire, Buck	Island	900	2	No. 9	396
397	Wood, Melvin, and Wood, Marvin	Island	801	5	No. 9	397
398	Wood & Sullivan	Island	150	2	No. 9	398
399	Wood, Theo., and Bowman, Albert	Island	100	2	No. 9	399
400	Wood, Walter	Island	168	2	No. 9	400
	Totals		7,119	20		
MUHELENBERG COUNTY						
401	Buck Knob Coal Co.	Greenville	360	2	No. 9	401
402	Drakesboro Coal & Mining Co.	Drakesboro	300	12	No. 11	402
403	Duke Brothers	Greenville	500	5	No. 11	403
404	Fox, W. K.	White Plains	288	7	No. 11	404
405	Harris, Henry	Depoy	478	4	No. 9	405
406	Jarvis, Ed	Central City	200	1	No. 9	406
407	Jernigan & Lyle	Central City	500	6	No. 11	407
408	Knight, C. B.	Ennis	400	2	No. 9	408
409	Mallory, Melvin	Ennis	492	5	No. 11	409
410	Mercer, J. D.	Central City	1,200	4	No. 9	410

411	Nonnel Coal Co.	Russellville	550	2	No. 11	411
412	Parson Brothers	Browder	1,150	4	No. 9	412
413	Perry, Rod	Greenville	1,000	4	No. 11	413
414	Pointer, Lum	Central City	327	4	No. 11	414
415	Reynolds, Robert	Browder	630	4	No. 9	415
416	Roof Coal Co.	Browder	3,070	9	No. 9	416
417	Scroggins, Walter	Greenville	7,000	3	No. 11	417
418	Silvery, Henry	Powderly	980	5	No. 9	418
419	Traller Coal Co.	Depoy	7,000	14	No. 9	419
420	Turner, G. R.	Depoy	344	3	No. 9	420
421	Turner, Melvin & Denzel	Depoy	4,471	5	No. 9	421
422	Vencil, R. B. and Ray	Russellville	2,500	6	No. 11	422
423	Vincent, Russell	Central City	320	3	No. 9	423
424	Webb, Noel	Greenville	835	5	No. 9	424
425	Willow Creek Coal Co.	Central City	500	15	No. 9	425
	Totals		35,395	134		
UNION COUNTY						
426	Callaway, R. W.	Sturgis	22,126	18	No. 9	426
427	Hammack Coal Co., H. R.	Morganfield	3,500	5	No. 9	427
428	Lovan, G. V., & Williams, S. B.	Morganfield	1,400	5	No. 9	428
	Totals		27,026	28		
WEBSTER COUNTY						
429	Brown, Leo	Providence	4,115	9	No. 11	429
430	Harris, J. F.	Clay	5,000	7	No. 9	430
431	Howard & Zeigler	Providence	7,200	7	No. 9	431

WAGON AND TRUCK MINES—WESTERN KENTUCKY, 1936—Continued.

No.	OPERATOR	POST OFFICE	Tons Produced	Total Men Employed	Seam Worked	No.
432	McGraw, Robert M.	Sullivan	8,195	15	No. 9	432
	Totals		24,510	38		
	Totals for Western Kentucky		422,754	923		
	Totals for Eastern Kentucky		402,062	1,560		
	Grand Totals		824,816	2,483		

RECAPITULATION—RAILROAD MINES

COUNTY	Total Tons of Coal Produced	Tons of Machine Coal	Tons of Pick Coal	Tons of Strip Coal	Shipped From Mine	Furnished Local Trade and Used in Operation of Mine
Bell	1,523,974	1,239,321	284,653	.....	1,496,713	27,261
Boyd	23,278	23,278	.....	.....	22,928	350
Breathitt	55,418	55,418	.....	.....	54,818	600
Christian	81,136	58,498	.....	22,638	62,342	18,794
Clay	107,746	106,606	1,140	.....	106,066	1,680
Floyd	4,393,837	4,384,433	9,404	.....	4,356,209	37,628
Harlan	15,595,439	13,764,083	1,831,356	.....	15,402,221	193,218
Henderson	74,834	68,941	5,893	.....	40,753	34,081
Hopkins	3,640,554	3,598,146	42,408	.....	3,572,089	68,465
Johnson	803,031	803,031	.....	.....	792,079	10,952
Knot	370,312	370,312	.....	.....	367,967	2,345
Knox	553,040	535,940	17,100	.....	545,346	7,694
Letcher	4,720,556	4,598,399	122,157	.....	4,640,339	80,217
Magoffin	60,997	60,997	.....	.....	58,097	2,900
Martin	269,532	269,532	.....	.....	268,191	1,341
McCreary	584,456	567,513	16,943	.....	581,506	2,950
Muhlenberg	1,396,162	1,396,162	.....	.....	1,319,144	77,018
Ohio	175,470	175,470	.....	.....	170,579	4,891
Perry	4,457,718	4,449,756	7,962	.....	4,367,413	90,305
Pike	5,176,767	5,133,214	43,553	.....	5,098,883	77,884
Union	661,192	661,192	.....	.....	611,854	49,338
Webster	1,832,260	1,827,260	5,000	.....	1,820,877	11,383
Whitley	312,337	281,706	30,631	.....	298,995	13,342
Totals	46,870,046	44,429,208	2,418,200	22,638	46,055,409	814,637
Truck mines	824,816	90,077	734,739	.....	.....	824,816
Grand totals	47,694,862	44,519,285	3,152,939	22,638	46,055,409	1,639,453

TABLE SHOWING THE PRODUCTION OF COAL, BY COUNTIES, FOR THE YEARS OF 1890 TO 1936 INCLUSIVE.

County	1890	1891	1892	1893	1894	1895	1896
Bell	.....	19,585	16,528	67,595	63,022	79,374	89,534
Boyd	.....	183,562	162,556	153,313	111,659	170,442	121,022
Breathitt	.....	6,035	13,088	7,829	.....	.....	2,406
Carter	.....	189,546	156,918	132,509	85,266	102,029	136,066
Christian	15,105	32,019	132,768	35,671	38,836	22,159	13,124
Clay	.....	.....	2,400	1,800	.....	.....	.....
Crittenden	1,618	1,908	3,913	160	.....	.....	.....
Daviess	.....	12,928	23,551	15,887	10,352	12,898	3,232
Floyd	.....	.....	.....	.....	.....	.....	.....
Hancock	6,464	1,880	17,747	23,104	35,570	30,569	17,442
Harian	.....	.....	.....	.....	.....	.....	.....
Henderson	34,204	95,806	117,483	110,906	80,074	79,113	119,540
Hopkins	283,937	627,144	736,765	761,074	811,759	788,437	777,182
Jackson	.....	.....	.....	.....	.....	.....	.....
Johnson	.....	.....	27,450	24,859	16,902	10,679	6,762
Knox	90,000	92,514	105,980	160,285	72,857	185,734	217,039
Laurel	291,178	304,870	251,068	285,982	261,177	233,638	288,494
Lawrence	117,178	104,922	84,785	93,774	86,497	55,913	47,474
Lee	.....	.....	.....	16,850	49,527	43,313	9,847
Letcher	.....	.....	.....	.....	.....	.....	.....
Magoffin	.....	.....	.....	.....	.....	.....	.....
Martin	.....	.....	.....	.....	.....	.....	.....
McCreary	.....	.....	.....	.....	.....	.....	.....
McLean	8,934	23,509	15,270	3,111	15,254	21,834	24,076
Morgan	.....	.....	.....	.....	.....	.....	.....
Muhlenberg	112,783	255,065	299,541	315,724	269,579	267,353	256,268
Ohio	132,107	337,513	329,985	354,670	348,937	386,902	368,084

Perry	.....	.....	.....	.....	.....	.....	.....
Pike	.....	.....	.....	.....	.....	.....	.....
Pulaski	.....	.....	.....	.....	.....	.....	.....
Rockcastle	.....	.....	.....	.....	.....	.....	.....
Union	29,080	147,505	101,590	121,278	134,585	100,616	104,121
Webster	15,915	32,593	37,077	35,739	41,934	49,896	50,539
Whitley	.....	297,991	374,671	455,811	349,282	455,303	425,981
Other Counties	1,562,633	149,174	14,169	.....	228,123	261,568	251,897
TOTALS	2,701,496	2,916,069	3,025,303	3,178,381	3,111,192	3,357,770	3,333,478

TABLE SHOWING THE PRODUCTION OF COAL, BY COUNTIES, FOR THE YEARS OF 1890 TO 1936 INCLUSIVE.

COUNTY	1897	1898	1899	1900	1901	1902	1903
Bell	80,737	86,892	132,674	204,954	313,087	379,929	390,104
Boyd	172,888	138,695	159,431	165,703	182,976	249,731	261,634
Breathitt	9,316	17,983	15,699	16,416	18,540	25,368	41,145
Carter	114,836	166,129	215,826	259,856	259,856	285,079	270,175
Christian	36,326	66,496	65,699	82,662	73,220	86,453	99,226
Clay							
Crittenden			8,617	10,872	17,634	9,437	31,419
Davless	3,549	7,141					
Floyd		9,435	8,159	5,869	6,634	11,456	32,068
Hancock	19,902						
Harlan							
Henderson	121,224	89,595	124,405	127,705	156,597	146,577	153,804
Hopkins	961,412	961,716	1,265,707	1,253,740	1,348,701	1,545,859	1,989,574
Jackson							
Johnson	4,005	10,964	11,380	15,635	39,034	59,407	53,745
Knott							
Knox	164,883	285,322	244,090	311,698	291,286	465,986	579,514
Laurel	294,075	272,919	314,994	361,639	331,800	384,580	408,762
Lawrence	61,226	55,251	49,418	55,566	53,003	54,298	43,889
Lee	12,925	9,439	6,947	13,604	15,151	30,346	96,580
Letcher							
Magoffin							
Martin							
McCreary	30,853	21,515	28,796	31,316	21,819	64,833	121,632
McLean					3,627	40,679	61,661
Morgan	261,783	268,507	414,846	409,581	532,838	729,110	801,999
Muhlenberg	460,693	436,519	515,867	535,700	504,704	521,629	576,719
Ohio							

Perry							
Pike							
Pulaski							
Rockcastle							
Union	117,732	123,352	167,789	239,901	265,231	302,203	344,293
Webster	70,586	54,095	107,244	106,177	118,779	216,403	335,786
Whitley	197,723	396,310	561,831	623,729	605,093	644,022	646,070
Other Counties	387,568	460,926	237,543	441,480	510,646	513,719	198,133
TOTALS	3,602,097	3,887,908	4,607,255	5,328,964	5,469,986	6,766,984	7,538,032

TABLE SHOWING THE PRODUCTION OF COAL, BY COUNTIES, FOR THE YEARS OF 1890 TO 1936 INCLUSIVE.

COUNTY	1904	1905	1906	1907	1908	1909	1910
Bell	514,576	763,482	969,393	1,319,128	1,434,172	1,545,452	2,068,900
Boyd	94,506	47,533	50,897	67,725	79,763	98,157	98,745
Breathitt	30,731	32,550	29,270	27,015	24,043	23,651	23,429
Carter	234,421	121,161	164,020	120,507	78,509	76,518	66,116
Christian	91,943	92,747	79,141	61,833	33,198	42,749	49,494
Clay	.....	.....	.....	.....	.....	.....	.....
Crittenden	.....	.....	46,777	68,217	52,658	45,115	66,017
Daviess	24,467	29,168	6,329	17,655	52,857	79,274	147,548
Floyd	.....	.....	19,361	9,338	.....	.....	3,495
Hancock	43,192	39,954	.....	.....	.....	.....	.....
Harlan	.....	.....	.....	.....	.....	.....	.....
Henderson	210,900	162,437	128,312	227,904	226,152	200,012	270,761
Hopkins	2,178,616	1,735,516	1,724,098	2,053,566	1,772,252	1,847,189	2,542,137
Jackson	.....	.....	.....	.....	.....	.....	.....
Johnson	98,193	69,024	26,339	131,649	154,459	206,326	466,901
Knott	.....	.....	.....	.....	.....	.....	.....
Knox	664,576	540,404	584,095	709,579	520,089	630,026	661,823
Laurel	383,972	363,296	319,932	314,221	212,585	211,628	266,314
Lawrence	45,019	63,654	67,709	30,213	24,751	70,767	102,948
Lee	79,067	39,150	54,800	69,864	92,533	87,801	72,431
Letcher	.....	.....	.....	.....	.....	.....	.....
Magoffin	.....	.....	.....	.....	.....	.....	.....
Martin	.....	.....	.....	.....	.....	.....	.....
McCreary	.....	.....	.....	.....	.....	.....	.....
McLean	95,731	107,943	161,726	143,789	97,287	80,871	204,326
Morgan	59,509	78,810	53,306	54,811	62,290	63,738	74,195
Muhlenberg	903,205	1,044,402	1,491,905	1,860,499	1,774,314	1,881,177	2,849,690
Ohio	509,040	528,234	694,096	660,073	602,316	614,650	820,224

Perry	.....	.....	.....	.....	.....	.....	.....
Pike	.....	.....	.....	.....	.....	.....	.....
Pulaski	46,730	103,362	289,311	530,562	551,385	669,622	895,093
Rockcastle	.....	.....	.....	.....	.....	.....	.....
Union	352,414	340,625	389,765	474,788	513,015	424,658	601,721
Webster	240,642	349,598	504,468	592,387	558,442	432,459	1,017,411
Whitley	735,646	759,442	774,739	746,492	813,541	897,793	1,170,237
Other Counties	.....	1,020,031	1,023,377	461,309	517,941	467,711	180,055
TOTALS	7,637,096	8,432,523	9,653,647	10,753,124	10,248,553	10,697,384	14,720,011

TABLE SHOWING THE PRODUCTION OF COAL, BY COUNTIES, FOR THE YEARS OF 1890 TO 1936 INCLUSIVE.

COUNTY	1911	1912	1913	1914	1915	1916	1917
Bell	2,063,797	2,191,303	2,469,138	2,433,203	2,156,759	2,237,340	2,083,459
Boyd	111,631	97,388	110,265	88,318	73,383	72,439	107,145
Breathitt	15,746	17,071	12,738	34,297	20,742	12,825	37,982
Butler							
Carter	35,116	84,149	110,055	83,471	100,143	130,436	152,401
Christian	34,351	60,139	65,120	51,853	55,247	102,068	60,719
Clay							53,745
Crittenden	73,233	77,161	61,988	42,009	33,075	40,811	57,839
Daviess	248,142	426,770	418,435	527,875	538,598	814,610	819,206
Floyd	1,740		2,872	202		10,500	9,160
Hancock	25,814	384,427	775,333	1,249,940	1,710,970	2,204,533	2,049,649
Harlan	219,166	218,850	185,423	144,696	181,402	169,572	254,148
Henderson	2,165,892	2,537,858	2,519,356	2,501,949	2,321,146	2,605,812	3,037,747
Hopkins							
Jackson	800,416	911,087	841,356	940,340	950,453	1,061,481	959,958
Johnson							
Knott	773,310	831,484	912,589	822,348	769,650	771,685	690,246
Knox	245,422	200,885	218,936	164,503	110,311	77,321	225,359
Laurel	52,416	66,838	65,286	65,309	52,707	10,612	38,272
Lawrence	48,408	45,024	1,180,273	1,539,070	2,380,304	2,506,691	2,627,102
Lee		198,316	22,759	4,870	1,051	6,623	26,074
Letcher							
Magoffin							
Martin		543,244	625,899	584,320	568,935	672,750	692,097
McCreary	115,257	113,675	80,957	38,599	25,920	72,482	127,730
McLean	73,686	85,198	72,030	72,046	58,875	47,727	66,476
Morgan	2,225,662	2,321,324	2,584,200	2,249,711	2,267,298	2,015,859	3,230,854
Muhlenberg							

Ohio	736,705	657,135	760,914	676,528	514,476	471,610	877,206
Perry		1,400	25,632	243,661	546,244	995,091	1,616,557
Pike	1,131,326	1,419,930	2,140,757	2,636,252	2,798,646	3,675,607	3,860,919
Pulaski							
Rockcastle							
Union	479,948	588,309	664,719	581,221	746,959	662,966	963,359
Webster	905,989	1,220,045	1,512,825	1,506,023	1,439,936	1,575,748	1,318,654
Whitley	1,164,515	1,031,486	981,932	882,691	846,018	947,783	813,563
Other Counties	177,023				4,415	1,319,765	13,183
TOTALS	13,924,811	16,330,496	19,429,790	20,709,902	21,273,669	25,292,767	27,809,976

TABLE SHOWING THE PRODUCTION OF COAL, BY COUNTIES, FOR THE YEARS OF 1890 TO 1936 INCLUSIVE.

COUNTY	1918	1919	1920	1921	1922	1923	1924
Bell	2,447,875	1,972,477	2,044,242	1,366,653	1,847,178	2,276,098	1,859,055
Boyd	110,644	62,790	128,105	44,232	104,364	119,688	125,142
Breathitt	179,136	137,442	242,788	130,721	242,933	124,005	138,722
Butler	187,777	151,342	206,513	74,774	156,185	101,466	62,685
Carter	85,259	150,463	67,137	178,280	77,692	19,759	19,759
Christian	98,193	69,024	26,239	131,649	184,306	546,400	220,897
Clay							
Crittenden	86,552	68,103	27,616	86,301	181,544	102,011	138,186
Davless	1,326,956	1,260,140	1,660,033	1,224,738	2,398,057	3,150,549	3,701,437
Floyd	12,280	9,000	10,588	3,164	12,353	6,800	9,700
Hancock	3,201,733	4,176,531	4,597,433	6,796,581	6,158,152	8,400,877	9,076,269
Harlan	394,062	273,256	511,903	333,128	118,089	334,250	410,860
Henderson	2,987,377	2,463,010	3,209,260	1,846,602	3,038,266	2,223,858	3,289,834
Hopkins							
Jackson	791,241	824,229	772,286	713,347	307,299	693,409	1,021,576
Johnson							
Knoft	669,437	583,128	573,599	426,480	215,452	342,599	342,321
Knox	129,027	74,478	9,444	86,085	427,460	576,323	452,360
Laurel	47,066	17,450	35,251	36,510	159,293	52,845	137,685
Lawrence	3,279,715	3,053,686	3,315,644	2,505,970	38,496	6,727	442
Lee	57,705	65,536	66,736	8,420	3,414,719	4,405,622	4,851,806
Letcher					99,600	30,033	4,974
Magoffin						12,164	13,526
Marion		21,146	30,251	68,418	317,754	375,615	432,898
McCreary	734,894	636,339	708,404	604,806	756,651	868,113	802,117
McLean	154,871	84,488	156,763	89,962	190,184	107,839	21,445
Morgan	63,332	64,831	180,696	33,086	51,354	38,644	25,420
Muhlenberg	3,650,473	2,626,365	3,284,089	3,250,410	4,312,335	3,655,839	1,297,581

Ohio	951,829	716,312	1,003,541	523,083	1,207,619	925,734	216,659
Perry	2,120,223	2,702,043	2,966,426	4,235,278	4,280,981	4,895,434	5,229,066
Pike	4,473,442	4,784,889	4,740,453	3,280,283	6,518,256	5,648,221	6,049,809
Pulaski							
Rockcastle							
Union	992,973	982,704	1,165,205	809,798	1,365,290	1,221,456	1,049,196
Webster	1,483,014	1,348,535	1,288,519	997,167	2,059,818	1,318,435	1,882,264
Whitley	842,989	632,012	575,834	413,576	327,117	480,272	704,041
Other Counties	143,995	1,583,819					
TOTALS	31,612,617	31,493,637	38,892,044	30,282,659	41,917,321	43,122,109	43,387,732

TABLE SHOWING THE PRODUCTION OF COAL, BY COUNTIES, FOR THE YEARS OF 1890 TO 1936 INCLUSIVE.

COUNTY	1925	1926	1927	1928	1929	1930	1931
Bell	2,468,024	2,669,528	2,838,546	2,472,002	2,362,295	1,881,076	1,372,278
Boyd	45,234	37,627	52,409	62,544	100,594	66,139	74,544
Breathitt	177,029	205,574	179,719	205,747	201,575	168,604	136,273
Butler	72,621	85,112	5,280	5,474	2,947	7,876	8,973
Carters	92,720	104,000	106,920	47,040	39,930	36,155	20,282
Christian	81,690	125,205	195,090	275,220	235,526	193,832	199,685
Clay			155,880	65,316	98,626	62,786	26,208
Clinton							
Crittenden	25,448	67,881	15,210	15,843	113,815	77,452	23,398
Daviess	156,454	142,513	169,449	209,653			
Elliott							
Floyd	4,851,721	5,165,817	5,165,512	4,842,063	4,499,185	3,984,327	3,052,372
Greenup							
Hancock	4,485	6,650	1,500				
Harlan	11,766,359	13,377,382	14,804,335	15,205,973	15,050,367	13,132,038	9,911,080
Henderson	426,251	435,185	445,317	335,676	267,257	175,678	115,956
Hopkins	3,857,101	5,474,378	7,174,240	4,806,791	3,975,203	3,398,527	2,511,682
Jackson							
Johnson	1,173,040	1,223,396	1,219,185	1,183,075	1,535,802	1,220,602	859,393
Knott	472,255	635,592	661,750	534,966	361,837	397,094	621,642
Knox	368,026	381,350	463,771	282,661	254,553	287,731	347,186
Laurel	158,913	148,872	159,774	71,310	88,071	77,260	4,990
Lawrence	105	4,920	4,325	5,878			
Lee	5,900	26,498	39,000		5,500		
Leslie							
Lecher	5,989,957	6,295,445	6,479,771	5,849,088	6,493,058	6,110,945	4,660,375
Magoffin	114,706	174,147	232,808	65,875	66,654	17,304	
Martin	438,076	637,163	537,924	423,887	347,328	346,497	281,699

McCreary	877,769	970,060	1,000,110	930,370	1,010,454	832,571	645,604
McLean	76,829	100,534	119,005	25,147	168,254	188,241	140,000
Menifee							
Morgan	28,509	19,754	18,633	14,371	19,571	16,887	10,878
Muhlenberg	3,517,238	5,090,461	6,422,577	5,369,296	4,929,816	2,888,558	2,785,370
Ohio	618,565	1,093,740	1,466,943	966,745	929,183	951,014	559,561
Owsley							
Perry	5,932,258	6,647,807	6,373,895	5,806,711	5,760,881	5,325,910	5,100,837
Pike	7,246,852	7,820,301	7,797,636	7,060,389	7,513,823	6,065,840	4,645,840
Pulaski							
Rockcastle							
Union	886,504	1,222,406	1,601,315	1,186,723	893,762	904,759	565,456
Wayne							
Webster	2,077,793	2,570,228	3,465,344	2,751,932	2,585,028	1,654,610	1,377,775
Whitley	680,500	671,069	566,027	555,479	494,633	427,614	326,961
Wolfe							
Wagon Mines						56,183	63,201
TOTALS	54,687,932	63,630,955	69,923,979	61,634,243	60,405,528	50,953,910	40,449,499

TABLE SHOWING THE PRODUCTION OF COAL, BY COUNTIES, FOR THE YEARS OF 1890 TO 1936 INCLUSIVE.

COUNTY	1932	1933	1934	1935	1936
Bell	1,144,699	1,312,843	1,388,571	1,247,243	1,563,622
Boyd	50,592	68,775	57,400	37,294	32,950
Breathitt	141,808	74,127	66,221	65,130	58,028
Butler	20,100	10,260	25,476	24,223	24,223
Carter	12,301	7,693	14,942	21,559	36,080
Christian	193,440	14,165	31,020	32,160	90,411
Clay	10,777	39,592	128,537	48,203	114,460
Clinton			470	203	
Crittenden			1,631	85	800
Davless	60,762	56,147	146,241	123,932	112,076
Elliott			350	1,720	1,720
Floyd	2,777,151	3,161,981	3,554,323	3,667,407	4,394,012
Greenup			21,082	10,798	6,594
Hancock			2,480	3,692	
Harlan	7,427,921	9,214,152	9,849,214	12,360,502	15,597,653
Henderson	135,602	122,752	172,028	211,263	155,626
Hopkins	2,526,298	2,244,221	2,499,093	2,982,496	3,742,092
Jackson	12,403	31,357	31,295	25,106	147,049
Johnson	707,707	696,886	887,211	628,659	806,166
Knot	618,781	554,109	355,434	379,442	370,812
Knox	335,040	377,684	458,375	482,096	574,021
Laurel	13,811	7,582	35,663	28,146	21,463
Lawrence	600		3,736	1,445	3,317
Lee	1,400	3,754	9,173	11,210	16,669
Leslie			489	360	1,390
Letcher	3,569,755	3,989,710	4,777,688	4,376,382	4,721,466
Magoffin	2,605	24,273	29,244	34,131	61,631
Martin	244,499	236,151	226,469	226,214	269,532

McCreary	546,234	573,024	622,203	412,776	584,456
McLean	10,700	3,111	39,690	76,269	7,119
Menifee					
Morgan	8,912	1,831	585	535	4,956
Muhlenberg	3,265,738	2,806,394	2,912,708	2,214,935	1,431,557
Ohio	804,440	528,753	514,888	846,777	175,470
Owsley				365	1,645
Perry	4,322,893	3,852,557	3,371,612	3,653,772	4,470,270
Pike	3,940,662	4,257,280	4,663,790	4,660,011	5,194,934
Pulaski		1,399	2,939	4,626	11,099
Rockcastle		2,980	20,028	6,850	16,450
Union	1,492	577,793	579,211	647,203	688,218
Wayne	670,944		4	3,632	1,566
Webster	1,600,909	1,350,221	1,245,649	1,434,119	1,856,770
Whitley	210,490	247,650	291,923	244,013	318,036
Wolfe			2,484	8,985	8,453
Wagon Mines			50,000		
TOTALS	35,391,466	36,448,207	39,124,046	41,245,504	47,694,862