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18. ECONOMICS AND STATISTICS

On July 1, 1937, the statistical studies of production and distribution of bituminous coal, formerly conducted by the Bureau of Mines, were taken over by the National Bituminous Coal Commission, in accordance with the Bituminous Coal Act of 1937. The Commission was abolished by the President's Organization Plan No. 2, dated May 9, 1939 (Reorganization Act of 1939), and the functions of the Commission were transferred to the United States Department of the Interior. On July 24, 1939, the Secretary of the Interior created the Bituminous Coal Division within the Department. From July 1937 to May 13, 1944, the National Bituminous Coal Commission and subsequently the Bituminous Coal Division and the Solid Fuels Administration for War continued the publication of the Weekly Coal Report, the Monthly Coal Distribution Report, and the Monthly Preliminary Estimates of Production of Bituminous Coal—all formerly published by the Bureau of Mines. Since May 14, 1944, these reports have been published by the Bureau of Mines. Brief descriptions of the data contained in these reports are included in the publications listed under Periodical Reports.

The Bureau of Mines continued to collect and publish data on Pennsylvania anthracite, lignite, coke, fuel briquets and packaged fuel, and peat. Data on anthracite and semianthracite outside of Pennsylvania are included in Bituminous Coal Division statistics for Arkansas, New Mexico, and Virginia.

PERIODICAL REPORTS

WEEKLY COAL REPORT. This report covers the following subjects: Latest weekly and monthly estimates of production of bituminous coal, by States; weekly and monthly statistics of certain major features of coal distribution, including shipments to the Great Lakes, to tidewater, and to New England; and monthly statistics of industrial stocks and consumption of coal.

The Weekly Coal Report was begun July 21, 1917; Nos. 1 to 415 were issued by the Geological Survey; Nos. 416 (July 3, 1925) to 1041 (June 26, 1937) were issued by the Bureau of Mines; Nos. 1042 (July 3, 1937) to 1146 (June 30, 1939) were issued by the National Bituminous Coal Commission; Nos. 1147 (July 8, 1939) to 1361 (August 21, 1943) were issued by the Bituminous Coal Division; Nos. 1362 (August 28, 1943) to 1400 (May 20, 1944) were issued by the Solid Fuels Administration for War; and beginning with No. 1401 (May 27, 1944) the report has been published by the Bureau of Mines. Reports are supplied free upon application to the Publications Distribution Section, Bureau of Mines, 4800 Forbes Street, Pittsburgh 13, Pa.

The Coal-Stock Report, with charts, was first issued April 24, 1919, by the Geological Survey and then quarterly by the Bureau of Mines from July 1, 1925, to July 1, 1932, when it was discontinued as a separate report and included upon a monthly basis in the Weekly Coal Report. It shows the total tonnage of bituminous coal in the hands of consumers; stocks in terms of days' supply classified by types of consumers and districts of the country, including detailed figures of reserves on the upper Lake docks; and the monthly consumption of bituminous coal.

WEEKLY ANTHRACITE-BEEHIVE-COKE REPORT.

This report covers the following Pennsylvania anthracite data: Production estimates (weekly and monthly); distribution (daily and weekly carloadings, weekly shipments via Lake Erie, and to New England), monthly shipments by rail and truck, monthly receipts and deliveries (reloadings) at Lakes Superior and Michigan, and monthly receipts in New England by tide and rail; monthly consumption by railroads, electric-power utilities, and other industrials; producers' stocks and supplies on hand at end of month at representative retail yards; wholesale price indexes; average hourly and weekly earnings and number of hours worked per week; and monthly data on sales of mechanical stokers. Also included are weekly and cumulative data on beehive coke production, by regions.

PRELIMINARY ESTIMATES OF PRODUCTION OF BITUMINOUS COAL AND LIGNITE.

One-page release gives preliminary figures of production of bituminous coal and lignite for the preceding month for the use of business statisticians, editors, and others who desire monthly data. This is mailed on the fifth day after the close of the month covered. Beginning November 5, 1928, the Bureau of Mines published Preliminary Estimates of Production of Coal and Beehive Coke for the Month of ——. From July 1937 to June 1939, the report was published by the National Bituminous Coal Commission; from July 1939 to August 1943, by the Bituminous Coal Division; from September 1943 to May 1944, by the Solid Fuels Administration for War; and since June 1944, by the Bureau of Mines. This report was discontinued September 1947, and since that time the figures have been published in the Weekly Coal Reports. The reports are supplied free on application to the Publications Distribution Section, Bureau of Mines, 4800 Forbes Street, Pittsburgh 13, Pa.

PRELIMINARY ESTIMATES OF PRODUCTION OF PENNSYLVANIA ANTHRACITE AND OF BEEHIVE COKE FOR THE MONTH OF ——. One-page release gives preliminary figures on production of Pennsylvania anthracite and of beehive coke during the preceding month for the use of statisticians, editors, and others who desire monthly data.

This is usually mailed on the fifth day after the close of the month covered. The publication of the production figures of Pennsylvania anthracite and of beehive coke as a separate report was begun in July 1937; before that it was included in Preliminary Estimates of Production of Bituminous Coal. Reports are supplied free upon application to the Publications Distribution Section, Bureau of Mines, 4800 Forbes Street, Pittsburgh 13, Pa.

MONTHLY COKE REPORT (with chart). The following subjects are covered: Production of oven and beehive coke, pig iron, ammonia, crude tar, creosote oil, benzol, toluol, xylo, solvent naphtha, pyridine, and naphthalene; production of coke by regions; production, percent of capacity, and stocks of oven coke at plants; coal carbonized during month and coal stocks at end of month at oven-coke plants

and coal carbonized during month in beehive ovens; shipments of oven and beehive coke, by cars and barges; prices of oven and beehive coke, sulfate of ammonia, benzol, toluol, and naphthalene flakes; consumption of oven and beehive coke at producing plants and shipments by cars, barges, and trucks, by major uses; sales, values, and stocks of ammonium sulfate, ammonia liquor, benzol, toluol, xylol, solvent naphtha, pyridine, naphthalene, tar, and creosote oil. These reports are available free of charge upon application to the Publications Distribution Section, Bureau of Mines, 4800 Forbes Street, Pittsburgh 13, Pa.

Advance summaries of preliminary and final annual statistics (based upon detailed reports collected from each producer at the close of the calendar year) were issued as supplements to the Monthly Coke Report, and as Mineral Market Reports. Detailed tables and analyses are later published in the Coke chapters of the Minerals Yearbook. The supplements and Mineral Market Reports containing these annual statistics are supplied free of charge upon application to the Publications Distribution Section, Bureau of Mines, 4800 Forbes Street, Pittsburgh 13, Pa.

DISTRIBUTION OF BITUMINOUS COAL SHIPMENTS.

This report, with charts, designated as the MCD series, was first issued August 20, 1931. From July 1937 to June 1939 the report was published by the National Bituminous Coal Commission; from July 1939 to August 1943 by the Bituminous Coal Division; from September 1943 to May 1944 by the Solid Fuels Administration for War; and from June 1944 by the Bureau of Mines. It summarizes the distribution of bituminous-coal shipments by water and rail. This report was discontinued May 1947. In addition to the above MCD series, bituminous-coal distribution data were collected by the Bureau of Mines in cooperation with the Solid Fuels Administration for War during certain World War II years. The publications of these data are cited under Section 18, Economics and Statistics, Solid Fuels Distribution Reports, Bituminous Coal.

DISTRIBUTION OF PENNSYLVANIA ANTHRACITE.

This report, first published for the 1942-43 coal in considerable detail on a collaborative basis with the Solid Fuels Administration for War, is now published annually for each coal-year by the Bureau of Mines and shows the distribution of Pennsylvania anthracite, by sizes, to selected cities, States, and Provinces in the United States and Canada.

DIRECTORIES. Lists of active oven and beehive-coke operations, fuel-briquetting and packaged-fuel operations, and peat producers, prepared annually, are available free of charge upon application to the Publications Distribution Section, Bureau of Mines, 4800 Forbes Street, Pittsburgh 13, Pa. A list of manufacturers of equipment used in the manufacture of fuel briquets and packaged fuel and in the packaging of these fuels is also issued annually.

INTERNATIONAL COAL TRADE. This is a monthly bulletin. The first issue, titled "Overseas Export Situation," was published by the Bureau of Foreign and Domestic Commerce, October 17, 1923, changed to the International Coal Trade Situation on February 13, 1927, and to International Coal Trade, February 27, 1933. Since July 1935, it has been a publication of the Bureau of Mines, summarizing latest information on the international coal trade. From time to time special articles are included on the reserves, production, and consumption of coal, oil, and

water power in the various countries of the world. Reports are supplied free of charge upon application to the Publications Distribution Section, Bureau of Mines, 4800 Forbes Street, Pittsburgh 13, Pa.

MINERAL MARKET REPORTS. Reports on bituminous coal and lignite, containing production data by minimum price areas and production districts, as set forth in the Bituminous Coal Act of 1937, in addition to data included in Bituminous Coal and Lignite chapters in the Minerals Yearbook, have been published as Mineral Market Reports beginning in 1942. These data formerly were published by the Bituminous Coal Division as Bituminous-Coal Tables, 1938-39 (issued October 1940 and including data on lignite) and Bituminous- and Lignite-Coal Tables, 1939-40 and 1941 (issued January 1943). Copies of these tables and reports are supplied free upon application to the Publications Distribution Section, Bureau of Mines, 4800 Forbes Street, Pittsburgh 13, Pa.

Advance annual summaries of production and distribution of Pennsylvania anthracite, coke, fuel briquets and packaged fuel, and peat (based upon detailed reports collected from each producer at the close of a calendar year) have been published as Mineral Market Reports beginning in 1942. These data were published before 1942 as supplements to the Weekly Anthracite and Beehive-Coke Report and the Monthly Coke Report. These reports are available free of charge upon application to the Publications Distribution Section, Bureau of Mines, 4800 Forbes Street, Pittsburgh 13, Pa.

COAL-MINE FATALITIES. This monthly report, first issued in 1922, describes the causes of fatal accidents in anthracite and bituminous-coal mines and the relationship between production and accidents. The reports are supplied free upon application to the Publications Distribution Section, Bureau of Mines, 4800 Forbes Street, Pittsburgh 13, Pa.

HEALTH AND SAFETY STATISTICS. These reports include selected special studies relating to the promotion of safety in mining operations and the statistical record of accidents in and about Pennsylvania anthracite mines and bituminous-coal mines (including lignite) of the United States. In addition to the detailed statistics on mine accidents and accident rates, the reports list data on the average number of men working daily, the average days, the man-days, and the man-hours worked, and the number and causes of fatal and nonfatal accidents. These studies are supplied free of charge by application to the Publications Distribution Section, Bureau of Mines, 4800 Forbes Street, Pittsburgh 13, Pa.

TECHNICAL PAPER

750. ADAMS, W. W., AND WRENN, V. E. Coke-Oven Accidents in the United States, Calendar Year 1943. Tech. Paper 675, 1945, 20 pp. (Out of print.)

MINERS' CIRCULAR

751. BUREAU OF MINES. Accident Statistics as an Aid to Prevention of Accidents in Bituminous-Coal Mines—Coal-Mine Accident-Prevention Course, Section 1. Miners' Circ. 47, 1945, 40 pp. 15 cents.

MINERALS YEARBOOK

752. CORGAN, J. A., AND CHIRIACO, G. V. Peat. Minerals Yearbook 1944, pp. 1022-1025; 1945, pp. 1038-1041; 1946, pp. 866-869; 1947, pp. 861-864.