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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 and subsequently the Bituminous Coal Division have 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. Brief descriptions of the data contained in these reports are included in the following list of periodical service reports.

The Bureau of Mines continued to collect and publish data on Pennsylvania anthracite, hard coal outside of Pennsylvania (until the close of 1938), lignite, coke, fuel briquets and packaged fuel, and peat.

WEEKLY COAL REPORT. Covers following subjects: Latest weekly and monthly estimates of production of bituminous coal, by States, and of Pennsylvania anthracite; weekly 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 and coke.

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; and, beginning with No. 1042 (July 3, 1937), the report has been continued by the National Bituminous Coal Commission (now the Bituminous Coal Division) and includes re-published data on Pennsylvania anthracite and on crude petroleum and competitive relationships between bituminous coal and other sources of power. Reports are supplied free upon application to the Bituminous Coal Division, United States Department of the Interior.

The data published in the weekly report by the Bituminous Coal Division are printed in detail later in Bureau of Mines Minerals Yearbook.

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 estimated from reports furnished by a selected list of approximately 4,500 large consumers; stocks in terms of days' supply classified by types of consumers and districts of the country; the tonnage of coal in transit, including detailed figures of reserves on the upper Lake docks; and the monthly consumption of bituminous coal.

Concerning stocks of anthracite the report covers the tonnage and days' supply on hand in representative retail yards and the quantity in storage on the upper Lake docks, the stock in producers' storage yards, and the stocks and consumption of railroads, electric power utilities, and selected manufacturing plants.

The reports on consumers' stocks of coal also include data on stocks of coke in the hands of representative retail coal dealers.

WEEKLY ANTHRACITE-BEEHIVE COKE REPORT. Covers following Pennsylvania anthracite data: Production estimates (daily, weekly, and monthly); distribution (daily and weekly carloadings, weekly shipments via Lake Erie, and to New England), all rail, monthly receipts, and deliveries (reloadings, tide and rail; industrial and monthly receipts in New England by utilities, and other industrial consumers); stocks held monthly (by railroads, electric power utilities, other industrial, retail dealers, and at upper Lake docks); wholesale prices; average weekly earnings; and monthly employment and pay rolls. Covers following beehive data: Weekly carloadings and weekly production by regions.

Advance summaries on the annual production and distribution of Pennsylvania anthracite, anthracite and semianthracite outside of Pennsylvania, lignite, fuel briquets and packaged fuel, and peat (based upon detailed reports collected from each producer at the close of the calendar year) are issued as annual supplements to the weekly anthracite reports as soon as the compilations are completed. Detailed tables and analyses are published later in chapters on these subjects in the Minerals Yearbook. Beginning with 1939 statistics on anthracite and semianthracite outside of Pennsylvania are being collected and published by the Bituminous Coal Division. Reports and supplements are supplied free of charge upon application to the Bureau of Mines.

PRELIMINARY ESTIMATES OF PRODUCTION OF COAL AND BEEHIVE COKE FOR THE MONTH OF —. See Preliminary Estimates of Production of Bituminous Coal and Preliminary Estimates of Production of Pennsylvania Anthracite and Beehive Coke for the Month of —.

PRELIMINARY ESTIMATES OF PRODUCTION OF BITUMINOUS COAL. One-page release gives preliminary figures of production of bituminous coal 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 —. Since July 1937 the National Bituminous Coal Commission (now the Bituminous Coal Division) has published the report on bituminous coal separately; the Bureau of Mines has continued to publish data on the production of Pennsylvania anthracite and beehive coke. The report is supplied free of charge upon application to the Bituminous Coal Division, United States Department of the Interior.

PRELIMINARY ESTIMATES OF PRODUCTION OF PENNSYLVANIA ANTHRACITE AND BEEHIVE COKE FOR THE MONTH OF —. One-page release gives preliminary figures of production of Pennsylvania anthracite and beehive coke 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. The publication of the production figures of Pennsylvania anthracite and beehive coke as a separate report was begun in July 1937. (See Preliminary Estimates of Production of Bituminous Coal.) Reports are supplied free upon application to the Bureau of Mines.

MONTHLY COKE REPORT. A monthly report with chart covering the following subjects: Monthly and average daily production of byproduct and beehive coke and pig iron; monthly production of coke by regions; monthly production of byproduct coke at plants associated with iron furnaces; monthly production of coal consumed monthly in the manufacture of coke; stocks of coking producers' plants at end of each month; monthly deliveries and stocks of coke in retail coke yards; monthly production of benzol and ammonia at byproduct plants; monthly coke shipments by rail and river; monthly prices of byproduct and beehive coke, sulfate of ammonia, and benzol; monthly exports and imports; and monthly production of coke in Canada.

Advance summaries of preliminary and final annual statistics (based upon detailed reports collected from each producer at the close of the calendar year) are issued as supplements to the Monthly Coke Report as soon as the compilations are completed. Detailed tables and analyses are published later in the Coke chapters of Minerals Yearbook. Reports and supplements are supplied free upon application to the Bureau of Mines.

DISTRIBUTION OF COAL SHIPMENTS. This report, with charts, was first issued August 20, 1931. Beginning with No. 71, issued July 10, 1937, it has been continued by the National Bituminous Coal Commission (now the Bituminous Coal Division). It summarizes the distribution of bituminous coal and Pennsylvania anthracite shipments by water and rail. M. C. D. Supplements 1, 2, 3, 4, 5, 55, and 58 and page 4 of No. 12 give results of annual study of distribution of coal, coke, and fuel briquets in 1929 (this is not published elsewhere). Reports are supplied free upon application to the Bituminous Coal Division, United States Department of the Interior.

ANTHRACITE OUTSIDE OF PENNSYLVANIA AND SEMIANTHRACITE TABLES. These are detailed tables of final statistics of production of anthracite outside of Pennsylvania and of semianthracite, by States, quantities mined by different methods, shipments by individual railroads, and data on employment. (Not published elsewhere in same detail.) Series started January 1930 with résumé of data for 1913-28; last issue by Bureau of Mines covers 1938. Collection and publication of these data, beginning with 1939 canvass of operations, continued by Bituminous Coal Division, United States Department of the Interior.

DIRECTORIES OF ACTIVE BYPRODUCT AND BEEHIVE COKE OPERATIONS, FUEL-BRIQUETTING AND PACKAGED-FUEL OPERATIONS, AND PEAT PRODUCERS, PREPARED ANNUALLY, ARE AVAILABLE UPON APPLICATION TO THE BUREAU OF MINES.

LIGNITE TABLES. Final statistics of production of lignite, by States and counties, and data on employment. Publication of series began with 1936 data and so continued. Data for 1936-38 are not published elsewhere in same detail. **INTERNATIONAL COAL TRADE.** This is a monthly bulletin. The first issue, entitled "Overseas Export Situation," was published by the Bureau of Foreign and Domestic Commerce, October 17, 1923; changed by The International Coal Trade Situation on February 13, 1927, and on February 27, 1933, to International Coal Trade. Since July 1935 it has been a publication of the Bureau of Mines, summarizing latest information on the international coal trade of the world. 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 upon application to the Bureau of Mines.

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374. ADAMS, W. W., GEYER, L. F., AND PARRY, M. G. Coal-Mine Accidents in the United States, 1937. Bull. 430, 1940, 137 pp. 15 cents.

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375. ADAMS, W. W., AND WRENN, V. E. Coke-Oven Accidents in the United States During the Calendar Year 1938. T. P. 614, 1940, 16 pp., 1 fig. 5 cents.

376. ADAMS, W. W., WHEEN, V. E., AND HORTON, L. S. Production of Explosives in the United States During the Calendar Year 1938. T. P. 606, 1940. 28 pp., 2 figs. 5 cents.
377. PLEIN, L. N. Statistical Analysis of the Progress in Mechanical Cleaning of Bituminous Coal from 1927 to 1934. Econ. Paper 18, 1936, 25 pp. 10 cents.
378. BENNETT, H. L. Coke and Byproducts. Minerals Yearbook, 1939, pp. 963-910. 10 cents. (Coke has been the subject of a special chapter in Mineral Resources of the United States since it was started by the Geological Survey in 1882 and continued by that Bureau until 1924, after which the annual was compiled by the Bureau of Mines. It bore that name until 1932-33, when the title was changed to Minerals Yearbook, and so continued.)
379. GOODMAN, G. S. Fuel Briquets and Packaged Fuel. Minerals Yearbook, 1939, pp. 911-922. 5 cents. (Briquetting has been the subject of a special chapter in Mineral Resources of the United States since 1907 by the Geological Survey and continued by that Bureau until 1924, after which the annual was compiled by the Bureau of Mines. It bore that name until 1932-33, when the title was changed to Minerals Yearbook and so continued.)
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