Original Input-Output Table from 1947 Interindustry Relations Study
Documentation File

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Description

The enclosed files are reproductions of the original main table from the 1947 Interindustry Relations Study, which was the second official input-output analysis for the United States after 1939.[1] In these files, I include (1) high-quality photographic reproductions of the table, suitable for archival preservation; (2) digitally-compressed versions of this photographs that remain legible but are more easily downloaded and used; and (3) a fully digitized version of the table in several formats, suitable for research uses.

"Table II: Direct Purchases per Million Dollars of Output: Continental United States, 1947," contains a matrix of interindustry expenditures at the level of detail of 192 industries. I found this table in June 2019 in the Harvard University Archives (Wassily Leontief Personal Archive, HUG 5917, Box 91, Folder 5). A derivative table from the 1947 Study ("Table III: Direct and Indirect Requirements Per Million Dollars of Final Demand") is also available in the same folder but may be calculated via the Leontief inverse of Table II.

Users of the table will find that two columns of the table are redacted, likely for national security reasons related to the table's production in 1947 and release in October 1952. There are also several notable industries absent from the 1947 Study: The coverage of the utility sector is incomplete, and the construction, household, and government sectors are entirely absent. These may be rectified by augmenting the original 1947 Study table with another less-detailed version available from the U.S. Bureau of Economic Analysis at https://www.bea.gov/industry/historical-benchmark-input-output-tables. For contemporary discussion of the 1947 Study, please consult *Input-Output Analysis: An Appraisal* (Conference on Research in Income and Wealth, 1955; Princeton University Press), which is available at https://www.nber.org/books/unkn55-2. A technical supplement is available in the National Bureau of Economic Research library, though in print only, to the best of the author's knowledge.

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[1] Kohli, M., 2001. Leontief and the US Bureau of Labor Statistics, 1941-54: developing a framework for measurement. *History of Political Economy*, 33(5), pp.190-212.

Contents

These files contain:

1. High-quality (TIF) photo reproductions of the 5 pages of table contents, professionally taken by Harvard University Archives staff (approx. file size per image: 90 MB);

2. Digitally-compressed versions of these tables (approx. file size per image: 3 MB);

3. Digitized versions of the table in the original "wide" format as well as a "long" reshaping of the input-output table.

Conditions of Use

Pursuant to the license agreement under which the table is released, I ask that crosswalk users cite this document and my related working paper, "The Economic Geography of Production Networks" (Soltas 2019). I welcome users to contact me with questions, use cases, data entry errors, etc.