Transforming the UK's input-output analysis tables

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Office for National Statistics

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Content

- Concepts of the Input-Output (IO) analysis tables

- Expanding the use of IO analysis (online tool)

- Future developments

- Questions

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"*To study little pieces, to use very fancy statistical measures, you never understand the economy.*

One must get the facts, and I developed a theory of how to analyse it."

Wassily Leontief

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AIM
To show how are all the different industries inter-connected, how dependent they are on each other.

Final use

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Govt
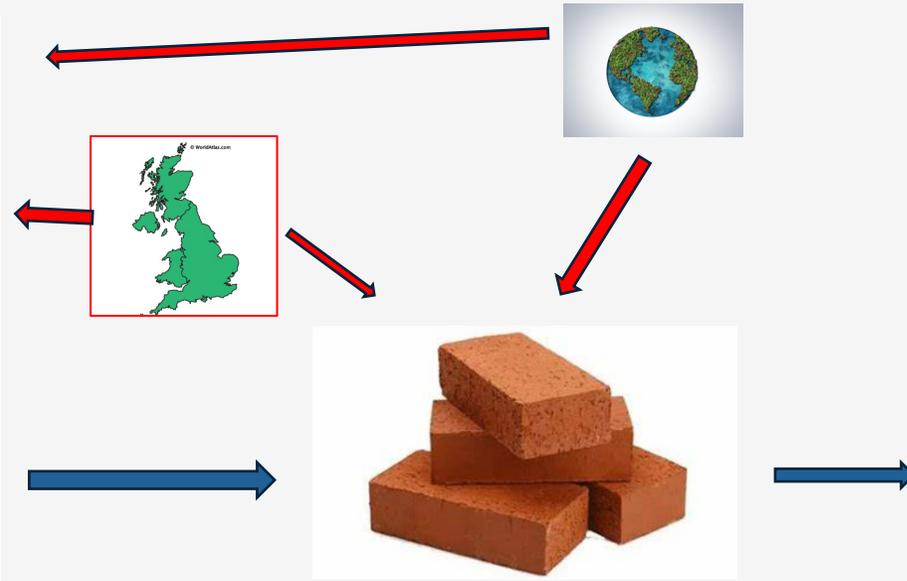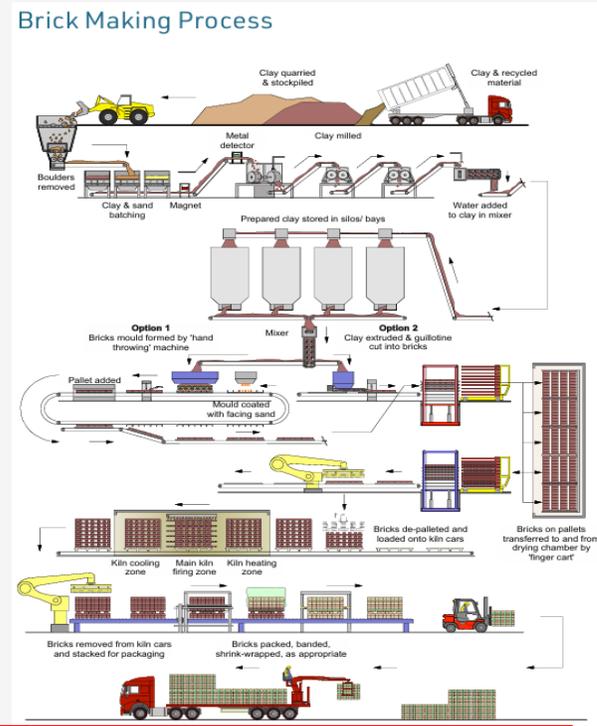
GCF

Intermediate Consumption

CHARITY

NPISH

Households

If we need to deliver more to households, we have to increase output. Can compute how much more additional products we need. It's a complete system!

RoW

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IOTs analyse the structure of the economy based on 2 main economic drivers: Type 1 effects

Indirect: subsequent effect caused by the consequent changes in intermediate demand

Direct: immediate effect caused directly by the change in final demand

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Making IO analysis more user friendly

- Showing analysts **impact** and **dependency** of products across industries

- Understanding the **inputs** required to **change output** in specific industries

- Helping media understand the impact of **change in final use**, on key **economic indicators**.

How do different industries and products affect the UK economy?

Input-output analysis tool - feedback

Robert Gadsby · 1st
Principal Economist-Statistician at European Central Bank
2h · 👥

Looking forward to seeing other European EU countries following this example. It's a challenge but let's inform and examine the data both positively and critically. The target is to give statisticians and our users a far better understanding of how our economies work in the Twenties !

"The UK Input-Output Analysis Tool makes these statistics more user-friendly and accessible to a broader, non-technical user-base. It reinforces the importance of disseminating this crucial analysis in such a way that allows statisticians to better illustrate to non-statisticians how such work can provide important insights."

Bernhard Michel, Chair of OECD EG-MEG

"These tables can be quite intimidating and challenging to interpret so interactive charts such as these are excellent tools to quickly produce results and, just as importantly, demonstrate the uses of these tables to newer users."

Brian Stockdale, Department of Business and Trade

"This looks really good and properly useful."
Stevan Croasdale, Scottish Govt

"This is so cool"

"Interesting"

"The Input-Output Analysis Tool is an invaluable resource for policy makers and industry leaders. It provides reliable insights into how sectors interact across the economy, enabling a deeper understanding of value chains, economic dependencies, and the broader impacts of policy interventions.

Dr Jennifer Castañeda-Navarrete, Cambridge Industrial Innovation Policy Group

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Main IOT developments

2025

- Publish Quality Methodology Information
- Feasibility study on Type 2 effects
- Publishing 2022 and 2023 IOTs and employment effects

2026

- Review product patterns, enhancing data-sharing
- Pilot use of AI to enhance QA process
- Prepare for SNA 2028 implementation

Input-output analysis tool – further info

Further information:

[IOT tool user guide](#) and supporting [blog](#)

If you would like to know more about our exciting work and wider developments, please email us at: SUT@ons.gov.uk

Questions

- How can the IO tool help you better understand the structure of the economy?

- What improvements would you like to see in our IOTs?

- How can we enhance the way we present IOTs?

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