

Database

ETD – Economic Transformation Database

Open and free to use, the GGDC/UNU-WIDER Economic Transformation Database (ETD) provides comprehensive, long-term, and internationally comparable sectoral data on employment and productivity in Africa, Asia, and Latin America.

The ETD covers:

- measures of economic growth and labour inputs for 51 economies in Africa, Asia, and Latin America;
- 12 sectors of the total economy;
- time series with annual data from 1990 until 2018;
- data on value added, price deflators, and persons employed.

The ETD is the successor of the [GGDC 10-sector database](https://www.rug.nl/ggdc/productivity/10-sector/) (<https://www.rug.nl/ggdc/productivity/10-sector/>) developed by the [Groningen Growth and Development Centre \(GGDC\)](https://www.rug.nl/ggdc/) (<https://www.rug.nl/ggdc/>) of the University of Groningen. The ETD project has been supported by UNU-WIDER financially and through joint research work.

The ETD is also accessible through [GGDC's webpages](https://www.rug.nl/ggdc/structuralchange/etd/) (<https://www.rug.nl/ggdc/structuralchange/etd/>).

On 15 July 2021 we updated the ETD. Please consult the [change log](https://www.rug.nl/ggdc/docs/pwt100-changelog.pdf) (<https://www.rug.nl/ggdc/docs/pwt100-changelog.pdf>) [change log](https://dataverse.nl/api/access/datafile/356910) (<https://dataverse.nl/api/access/datafile/356910>) for an overview of the changes.

FULL DATASET

Attribution requirement: Kruse, H., E. Mensah, K. Sen, and G. J. de Vries (2022). “A manufacturing renaissance? Industrialization trends in the developing world”, IMF

Excel	ETD release 2021.xlsx (https://dataverse.nl/api/access/datafile/356909)
Stata	ETD release 2021.dta (https://dataverse.nl/api/access/datafile/356911)
R	ETD release 2021.rds (https://dataverse.nl/api/access/datafile/356907)

Economic Review DOI: [10.1057/s41308-022-00183-7 \(https://doi.org/10.1057/s41308-022-00183-7\)](https://doi.org/10.1057/s41308-022-00183-7)

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Please contact [the ETD team at GGDC \(mailto:ggdc@rug.nl\)](mailto:ggdc@rug.nl) regarding any questions on the database. We welcome comments from users of the dataset.

The database may be updated and notifications and details about the updates will be given on the database files. Some minor corrections can be done without a change in the database version.

A technical note and working paper describing the construction, sources and methods of the ETD can be found under Documentation below.

COUNTRY AND VARIABLE COVERAGE

Developing Asia (14)

Bangladesh, Cambodia, China, India, Indonesia, Lao People's Democratic Republic, Malaysia, Myanmar, Nepal, Pakistan, Philippines, Sri Lanka, Thailand, Viet Nam

Advanced Asia (6)

Hong Kong (China), Israel, Japan, Korea (Rep. of), Singapore, Chinese Taipei

Latin America (9)

Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Ecuador, Mexico, Peru

Middle East and North Africa (4)

Egypt, Morocco, Tunisia, Turkey

Sub-Saharan Africa (18)

Botswana, Burkina Faso, Cameroon, Ethiopia, Ghana, Kenya, Lesotho, Malawi, Mauritius, Mozambique, Namibia, Nigeria, Rwanda, Senegal, South Africa, Tanzania, Uganda, Zambia

Time period (annual data)

1990–2018

Variables

Gross value added at constant (2015) prices (national currency in millions)

Gross value added at current prices (national currency in millions)

Persons employed (in thousands)

Principal sources

National accounts; population censuses; labour force surveys; business surveys

Notes

Asian countries are grouped into developing Asia based on the classification by the IMF (2020)

SECTORS COVERED

Twelve economic sectors of the total economy:

ISIC Rev. 4 code	A
Brief description	Agriculture
ISIC Rev. 4 code	B
Brief description	Mining
ISIC Rev. 4 code	C
Brief description	Manufacturing
ISIC Rev. 4 code	D + E
Brief description	Utilities
ISIC Rev. 4 code	F
Brief description	Construction
ISIC Rev. 4 code	G + I
Brief description	Trade services
ISIC Rev. 4 code	H
Brief description	Transport services
ISIC Rev. 4 code	J + M + N
Brief description	Business services
ISIC Rev. 4 code	K
Brief description	Financial services
ISIC Rev. 4 code	L
Brief description	Real estate
ISIC Rev. 4 code	O + P + Q
Brief description	Government services
ISIC Rev. 4 code	R + S + T + U
Brief description	Other services

DOCUMENTATION

WIDER Technical Note 2/2021: The Economic Transformation Database (ETD): content, sources, and methods | [Download](#)

<https://www.wider.unu.edu/node/238261>

The technical note describes in detail the sources and methods used in the construction of the GGDC/UNU-WIDER Economic Transformation Database on a country-by-country basis.

WIDER Working Paper 28/2021: A manufacturing renaissance? Industrialization trends in the developing world | [Download](#)

<https://www.wider.unu.edu/node/238343>

Using sectoral data from the GGDC/UNU-WIDER Economic Transformation Database, the paper examines industrialization trends in selected developing economies in Asia, sub-Saharan Africa, and Latin America.

Context

RELATED PROJECT

[ETD - Economic Transformation Database \(/project/etd-economic-transformation-database\)](/project/etd-economic-transformation-database)

RELATED PUBLICATIONS

[The Economic Transformation Database \(ETD\): content, sources, and methods](/publication/economic-transformation-database-etd-content-sources-and-methods)

[\(/publication/economic-transformation-database-etd-content-sources-and-methods\)](/publication/economic-transformation-database-etd-content-sources-and-methods)

[A manufacturing renaissance? Industrialization trends in the developing world](/publication/manufacturing-renaissance-industrialization-trends-developing-world)

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[Capacity development | Using the Economic Transformation Database \(ETD\) \(/about/capacity-development-using-economic-transformation-database-etd\)](/about/capacity-development-using-economic-transformation-database-etd)

KEYWORDS

ECONOMIC TRANSFORMATION (/F%5B%5D=FIELD_LOC1%253ANAME%3AECONOMIC%20TRANSFORMATION)

EMPLOYMENT (/F%5B%5D=FIELD_LOC1%253ANAME%3AEMPLOYMENT)

PRODUCTIVITY (/F%5B%5D=FIELD_LOC1%253ANAME%3APRODUCTIVITY)

DATABASE (/F%5B%5D=FIELD_LOC1%253ANAME%3ADATABASE)