

# Country Data and Graphs for Panama

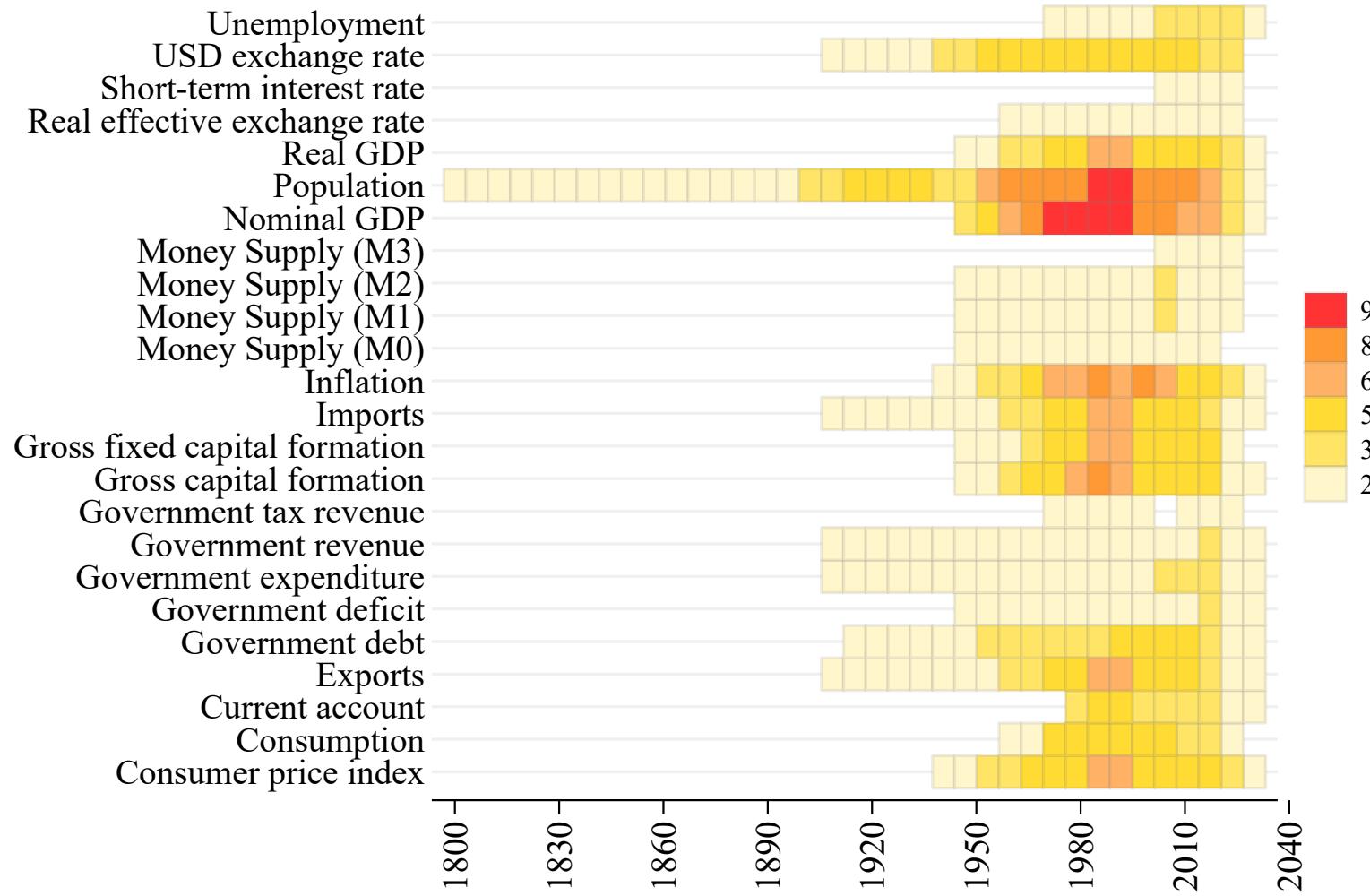
January 28, 2025

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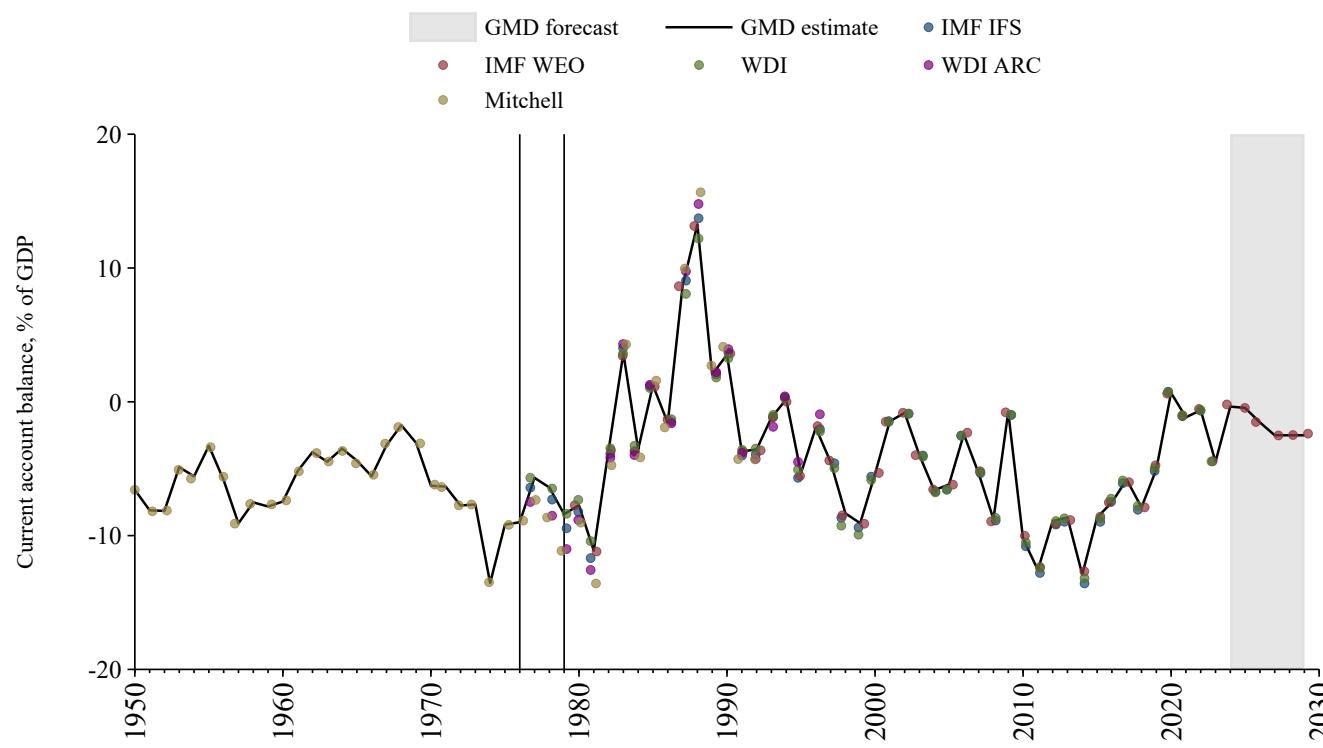
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## Data availability heatmap



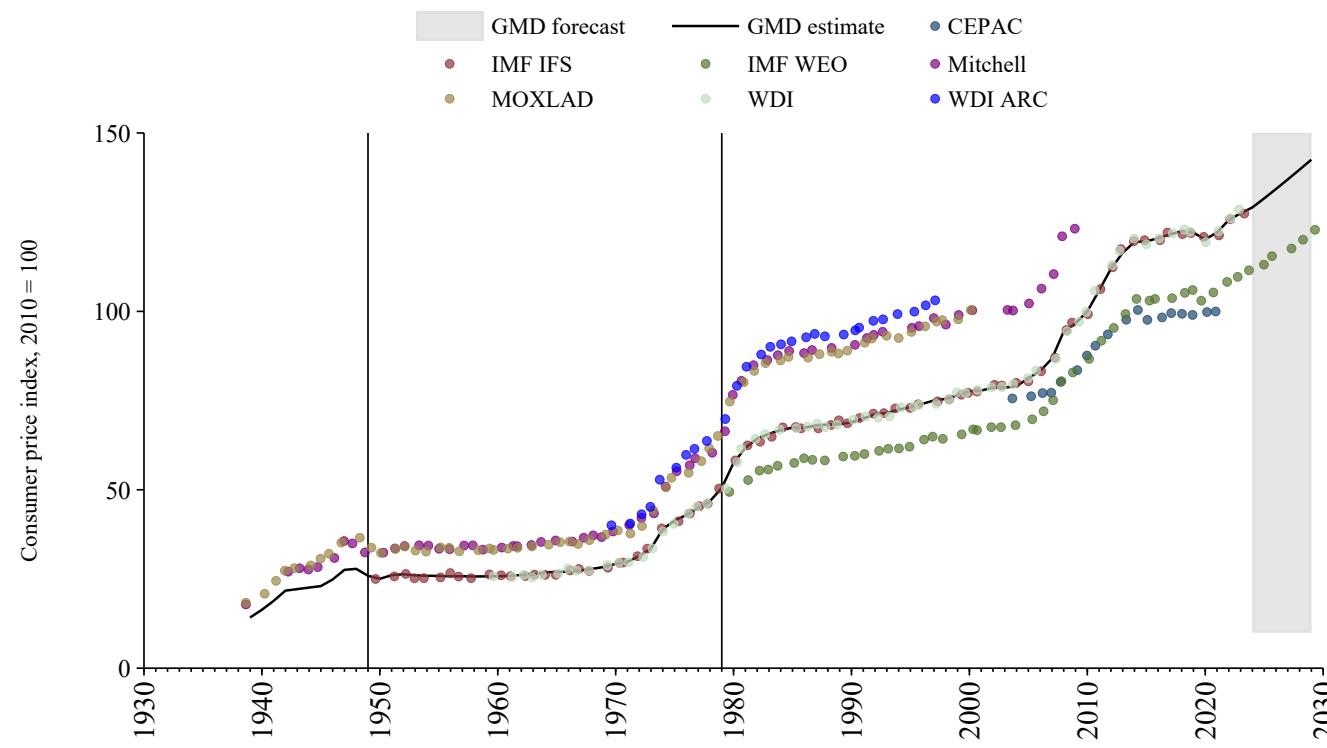
## Current account balance

Source	Time span	Notes
<a href="#">Mitchell (2013)</a>	1950 - 1976	Spliced using overlapping data in 1977.
<a href="#">World Bank (2024)</a>	1977 - 1979	Spliced using overlapping data in 1980.
<a href="#">WEO (2024)</a>	1980 - 2029	Baseline source, overlaps with base year 2018.



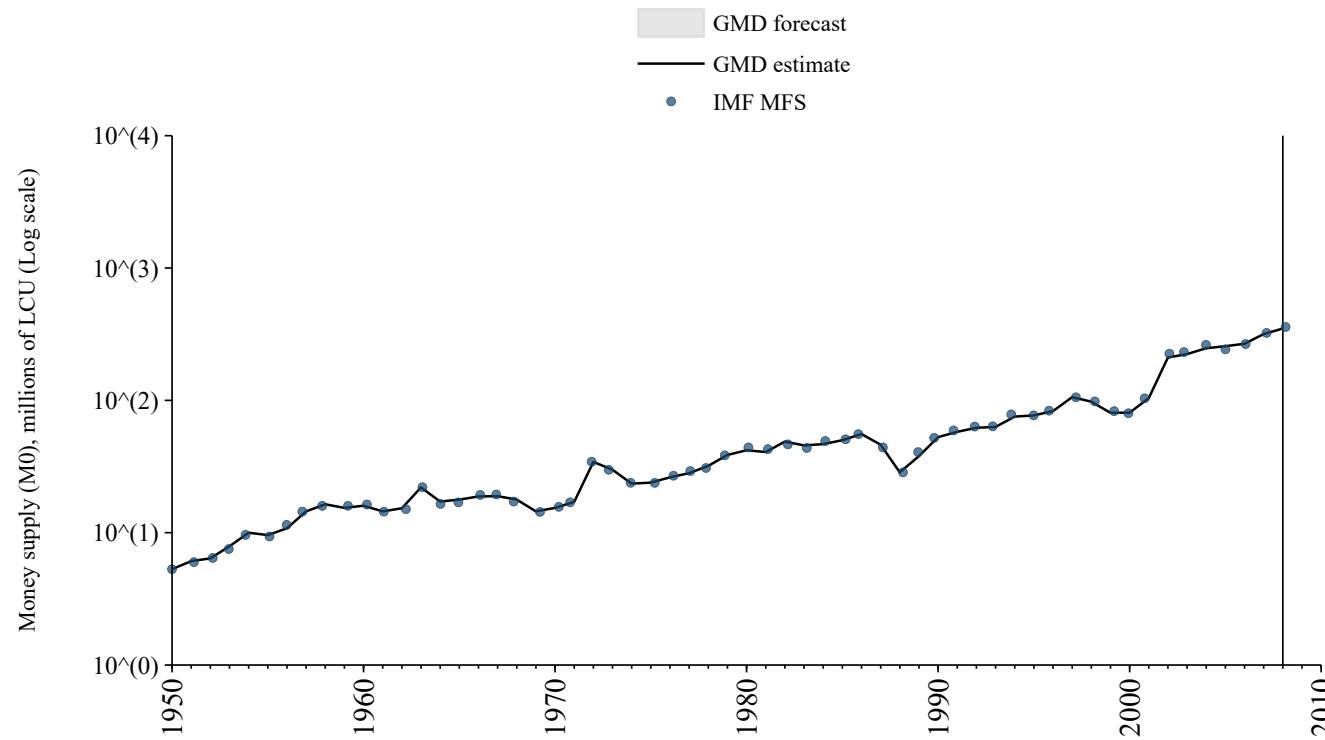
## Consumer price index

Source	Time span	Notes
Bértola and Rey (2018)	1939 - 1949	Spliced using overlapping data in 1950: (ratio = 66.5%)..
International Monetary Fund (2024b)	1950 - 1979	Spliced using overlapping data in 1980: (ratio = 86%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



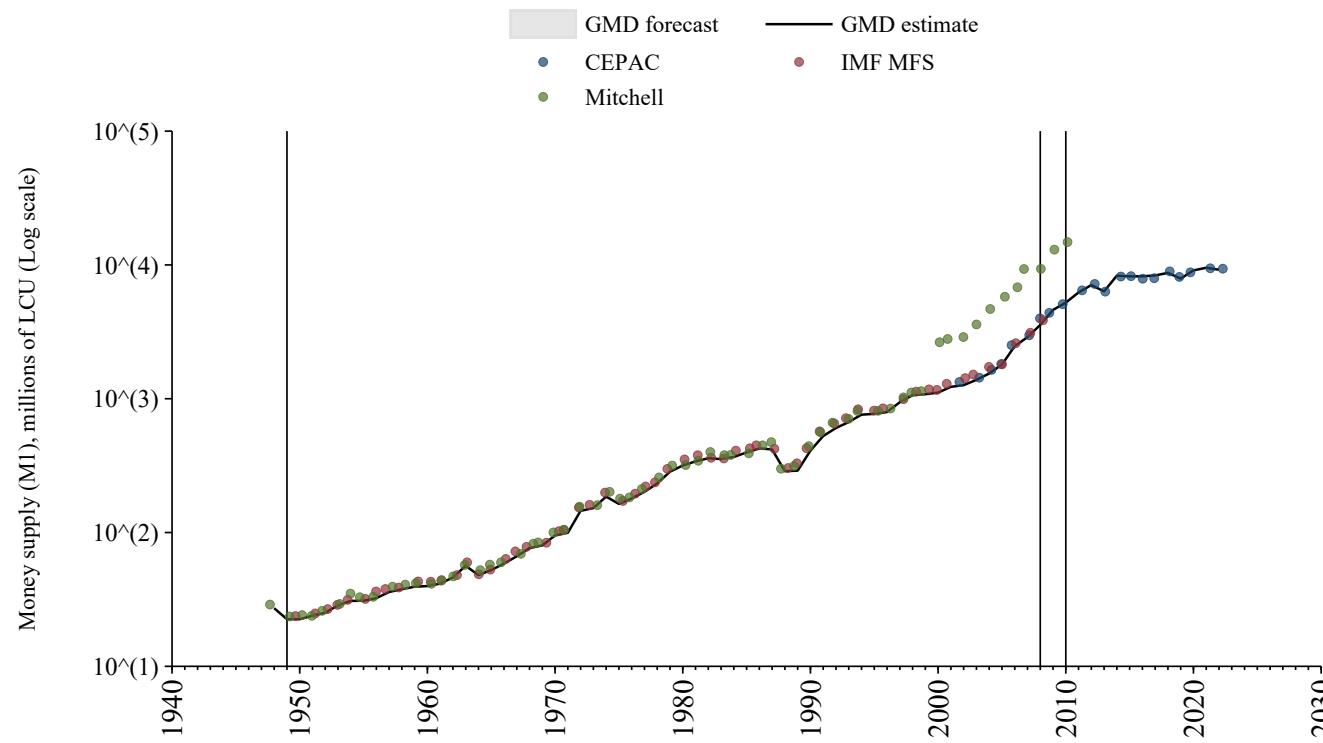
## Money supply (M0)

Source	Time span	Notes
International Monetary Fund (2024c)	1950 - 2008	Spliced using overlapping data in 2009.
Economic Commission for Latin America and the Caribbean (2024)	2009 - 2016	Spliced using overlapping data in 2017.



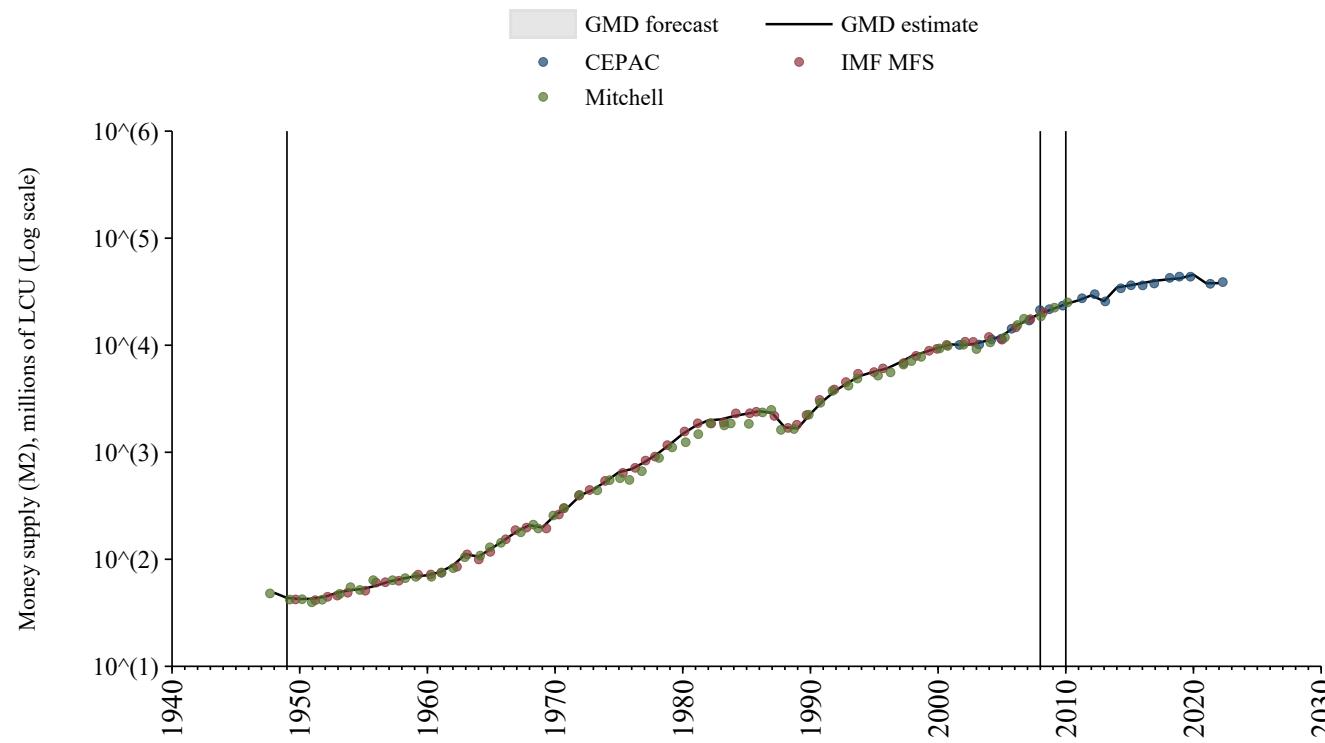
## Money supply (M1)

Source	Time span	Notes
Mitchell (2013)	1948 - 1949	Spliced using overlapping data in 1950: (ratio = 93.8%)..
International Monetary Fund (2024c)	1950 - 2008	Spliced using overlapping data in 2009: (ratio = 94.6%)..
Mitchell (2013)	2009 - 2010	Spliced using overlapping data in 2011: (ratio = 36.3%)..
Economic Commission for Latin America and the Caribbean (2024)	2011 - 2022	Baseline source, overlaps with base year 2018.



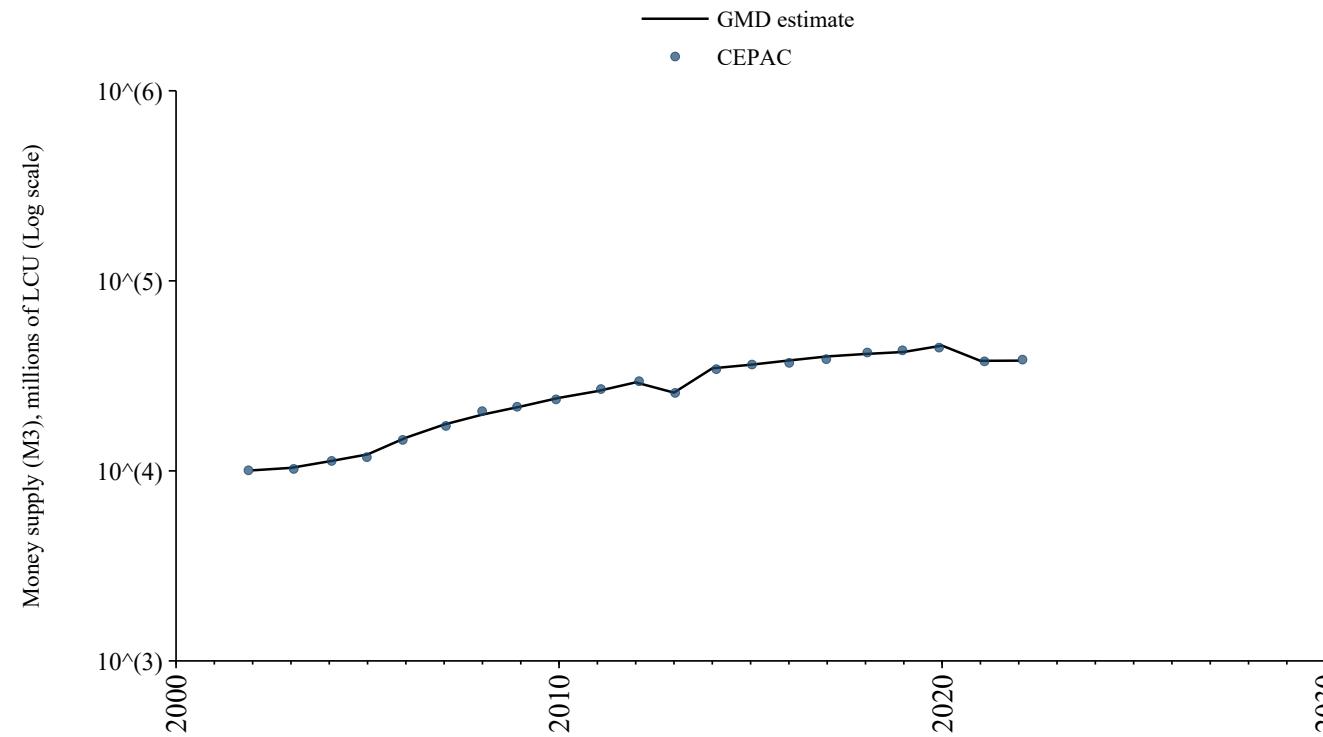
## Money supply (M2)

Source	Time span	Notes
Mitchell (2013)	1948 - 1949	Spliced using overlapping data in 1950: (ratio = 101.4%)..
International Monetary Fund (2024c)	1950 - 2008	Spliced using overlapping data in 2009: (ratio = 100.9%)..
Mitchell (2013)	2009 - 2010	Spliced using overlapping data in 2011.
Economic Commission for Latin America and the Caribbean (2024)	2011 - 2022	Baseline source, overlaps with base year 2018.



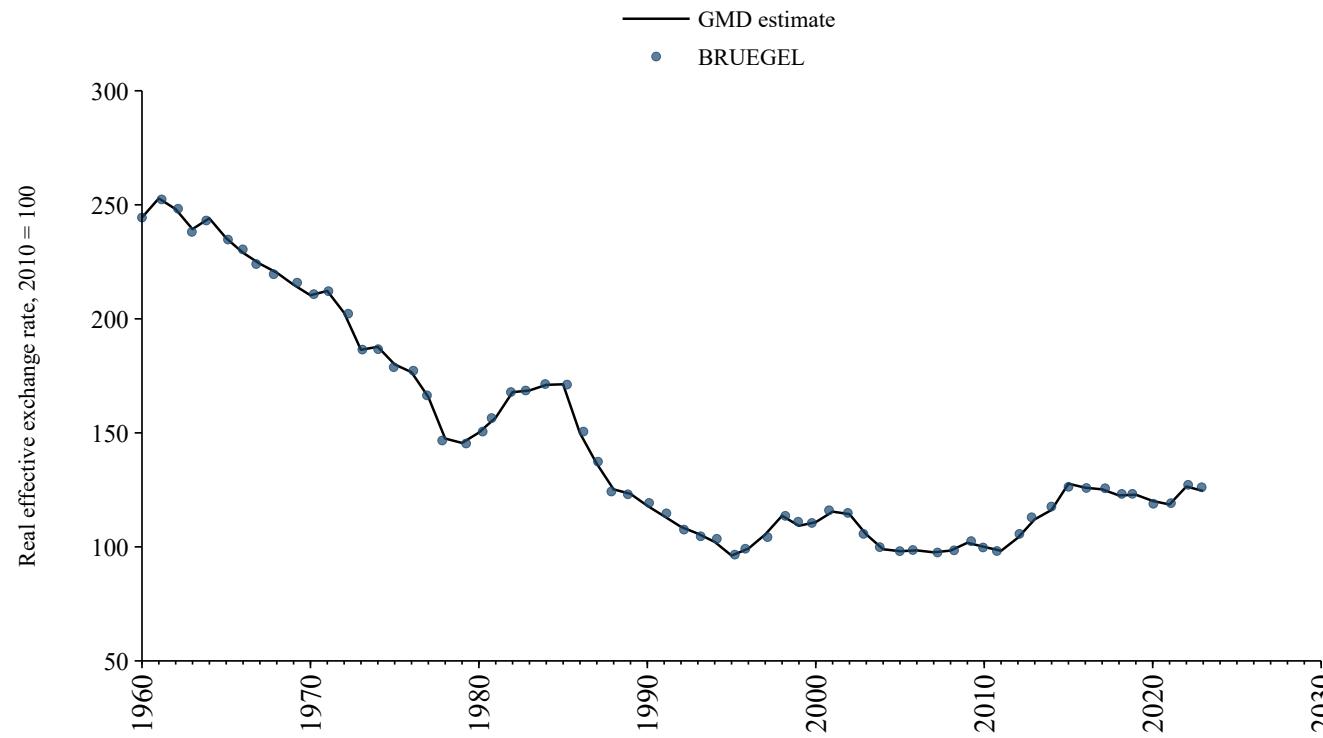
## Money supply (M3)

Source	Time span	Notes
<a href="#">Economic Commission for Latin America and the Caribbean (2024)</a>	2002 - 2022	Baseline source, overlaps with base year 2018.



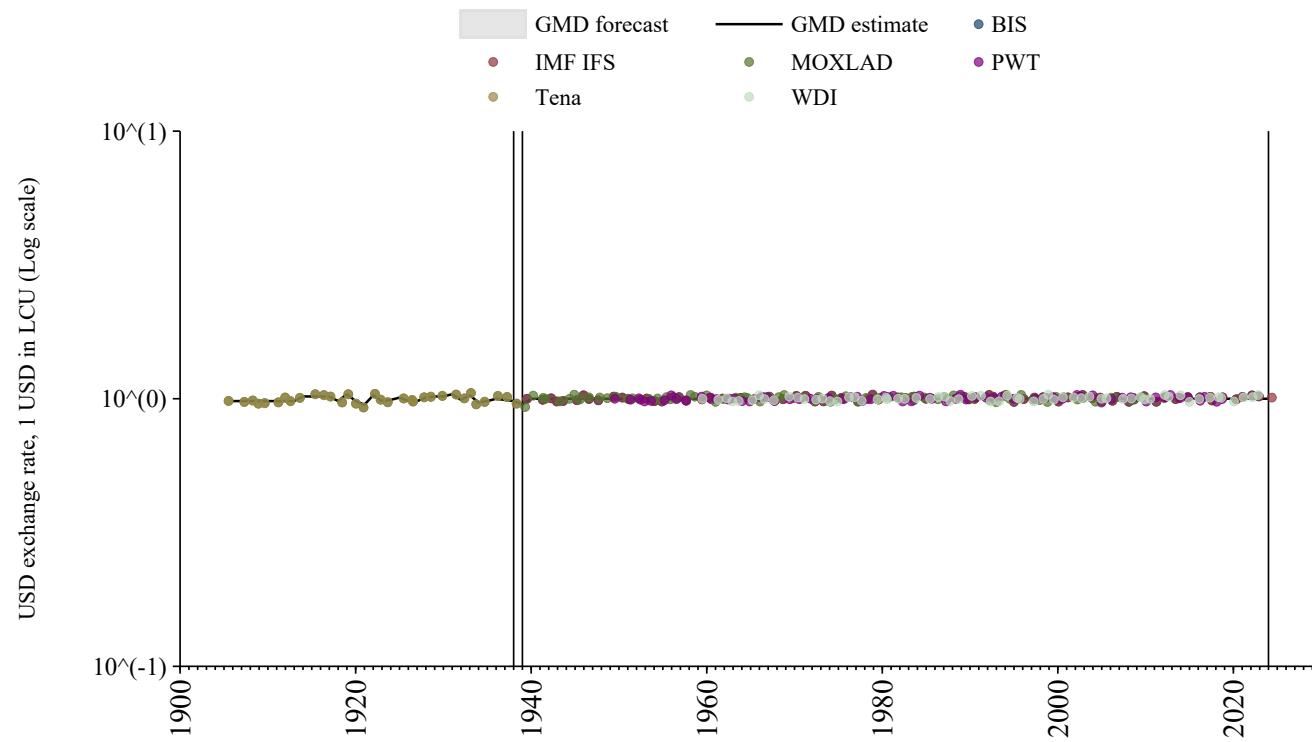
## Real effective exchange rate

Source	Time span	Notes
Darvas (2021)	1960 - 2023	Baseline source, overlaps with base year 2018.



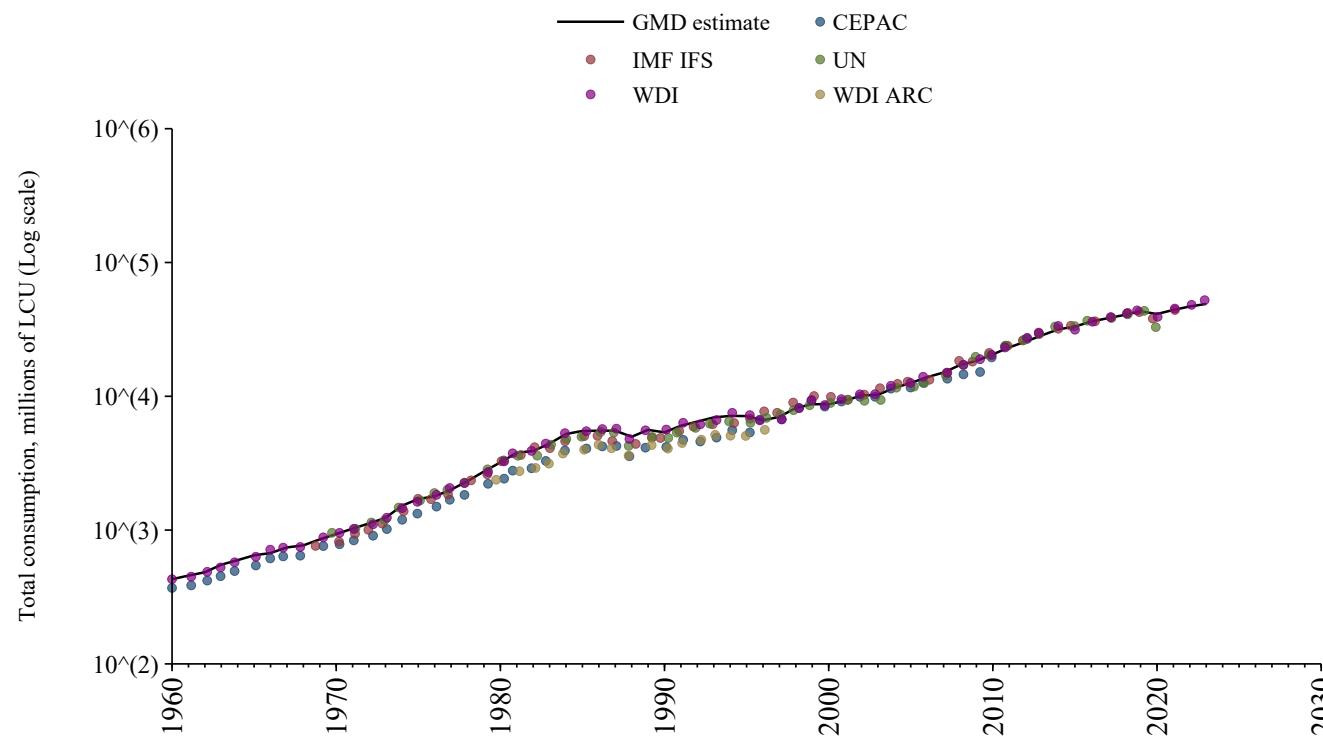
## USD exchange rate

Source	Time span	Notes
Federico and Tena-Junguito (2019)	1906 - 1938	Spliced using overlapping data in 1939.
Bértola and Rey (2018)	1939 - 1939	Spliced using overlapping data in 1940.
Bank for International Settlements (2024)	1940 - 2023	Baseline source, overlaps with base year 2018.
International Monetary Fund (2024b)	2024 - 2024	Spliced using overlapping data in 2025.



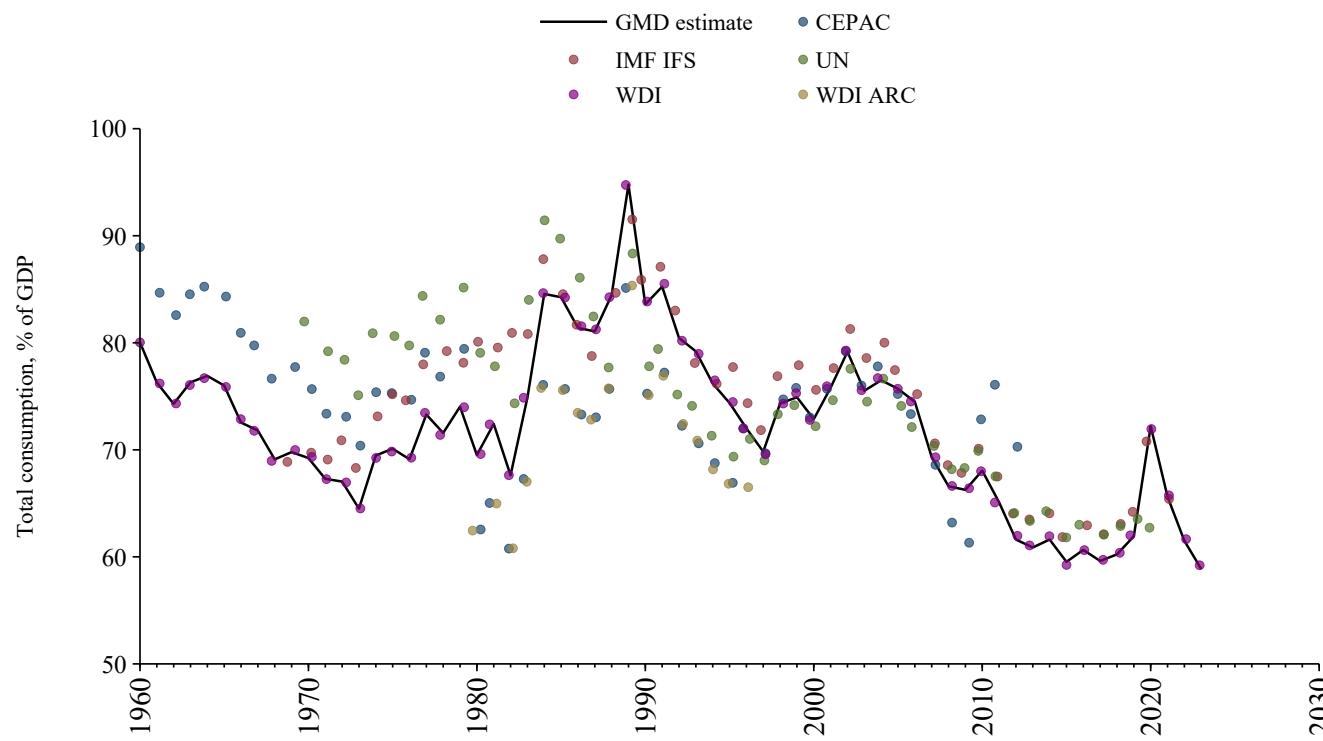
## Total consumption

Source	Time span	Notes
<a href="#">World Bank (2024)</a>	1960 - 2023	Baseline source, overlaps with base year 2018.



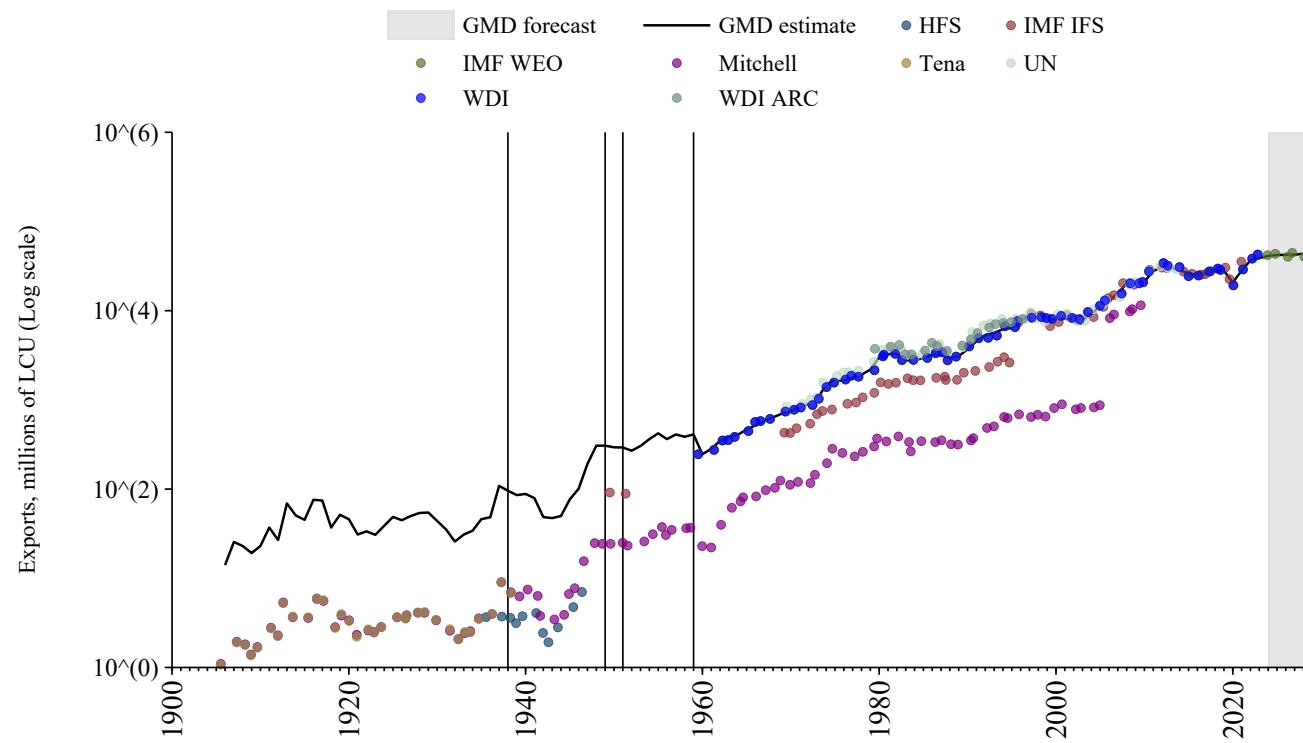
## Total consumption to GDP ratio

Source	Time span	Notes
<a href="#">World Bank (2024)</a>	1960 - 2023	Baseline source, overlaps with base year 2018.



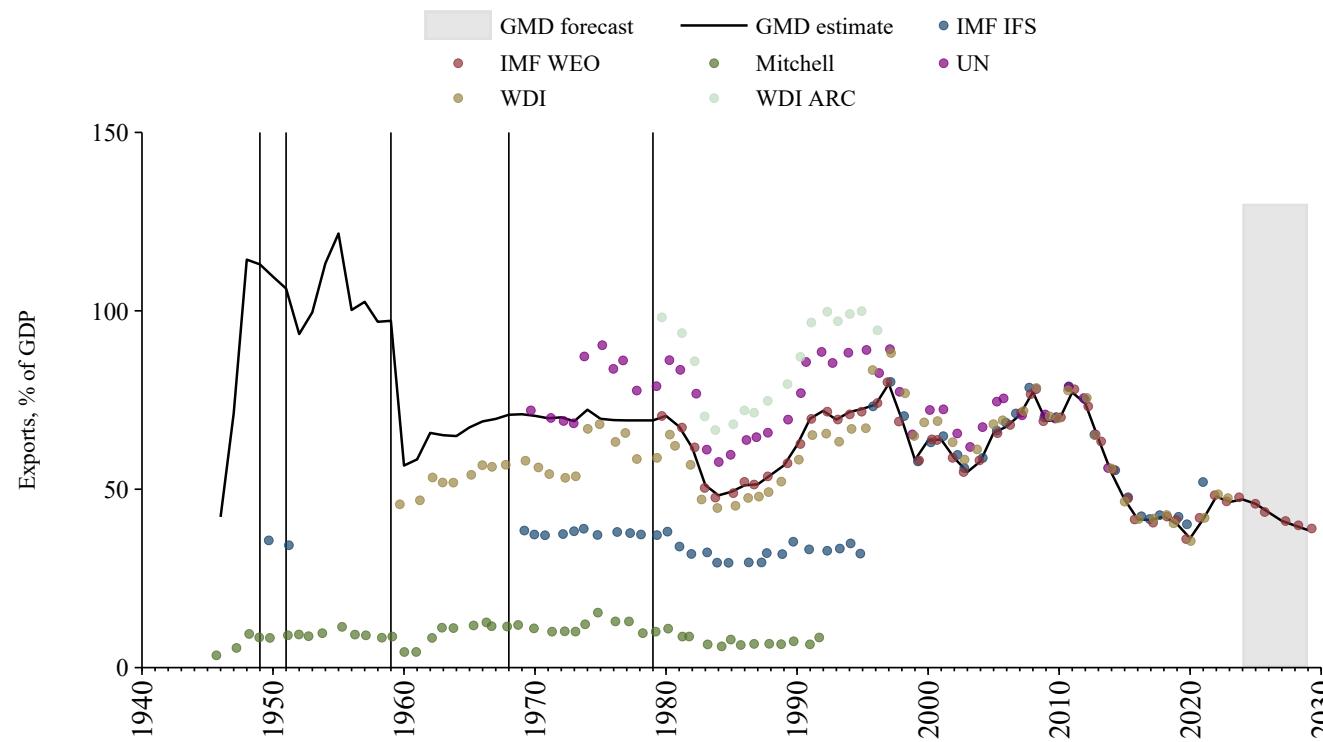
# Exports

Source	Time span	Notes
Federico and Tena-Junguito (2019)	1906 - 1938	Spliced using overlapping data in 1939: (ratio = 1304.7%)..
Mitchell (2013)	1939 - 1949	Spliced using overlapping data in 1950: (ratio = 1278.6%)..
International Monetary Fund (2024b)	1950 - 1951	Spliced using overlapping data in 1952: (ratio = 321.1%)..
Mitchell (2013)	1952 - 1959	Spliced using overlapping data in 1960: (ratio = 1171.2%)..
WEO (2024)	1960 - 2029	Baseline source, overlaps with base year 2018.



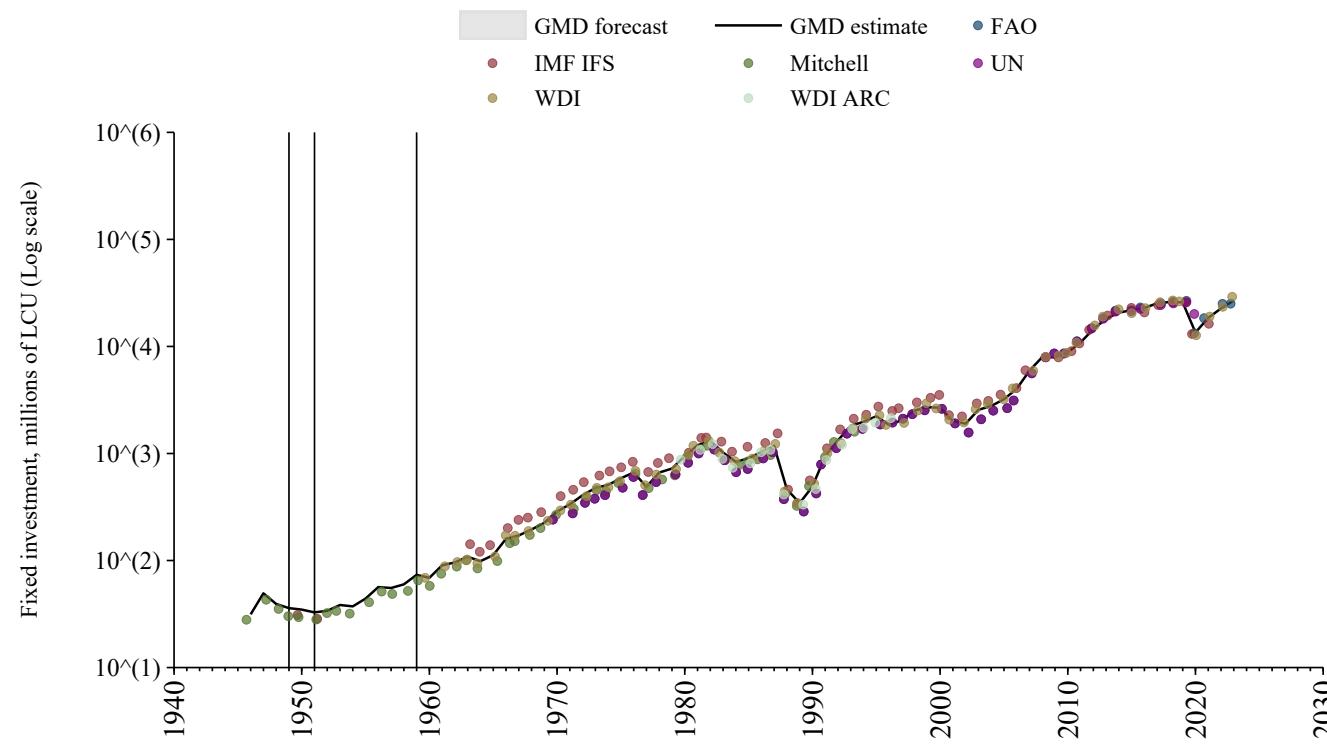
## Exports to GDP ratio

Source	Time span	Notes
Mitchell (2013)	1946 - 1949	Spliced using overlapping data in 1950: (ratio = 1224.5%)..
International Monetary Fund (2024b)	1950 - 1951	Spliced using overlapping data in 1952: (ratio = 307.2%)..
Mitchell (2013)	1952 - 1959	Spliced using overlapping data in 1960: (ratio = 1122%)..
World Bank (2024)	1960 - 1968	Spliced using overlapping data in 1969: (ratio = 123.7%)..
International Monetary Fund (2024b)	1969 - 1979	Spliced using overlapping data in 1980: (ratio = 185.4%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



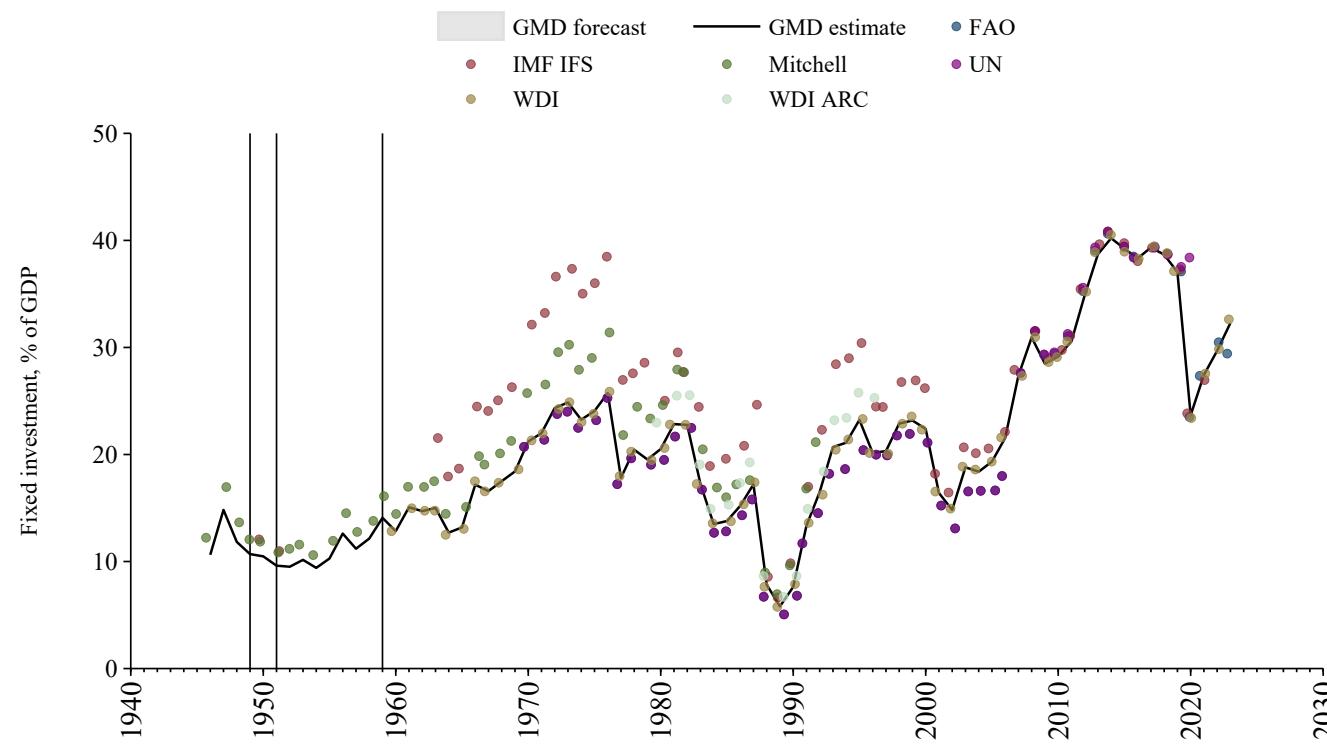
## Fixed investment

Source	Time span	Notes
Mitchell (2013)	1946 - 1949	Spliced using overlapping data in 1950: (ratio = 112.3%)..
International Monetary Fund (2024b)	1950 - 1951	Spliced using overlapping data in 1952: (ratio = 112.3%)..
Mitchell (2013)	1952 - 1959	Spliced using overlapping data in 1960: (ratio = 113%)..
World Bank (2024)	1960 - 2023	Baseline source, overlaps with base year 2018.



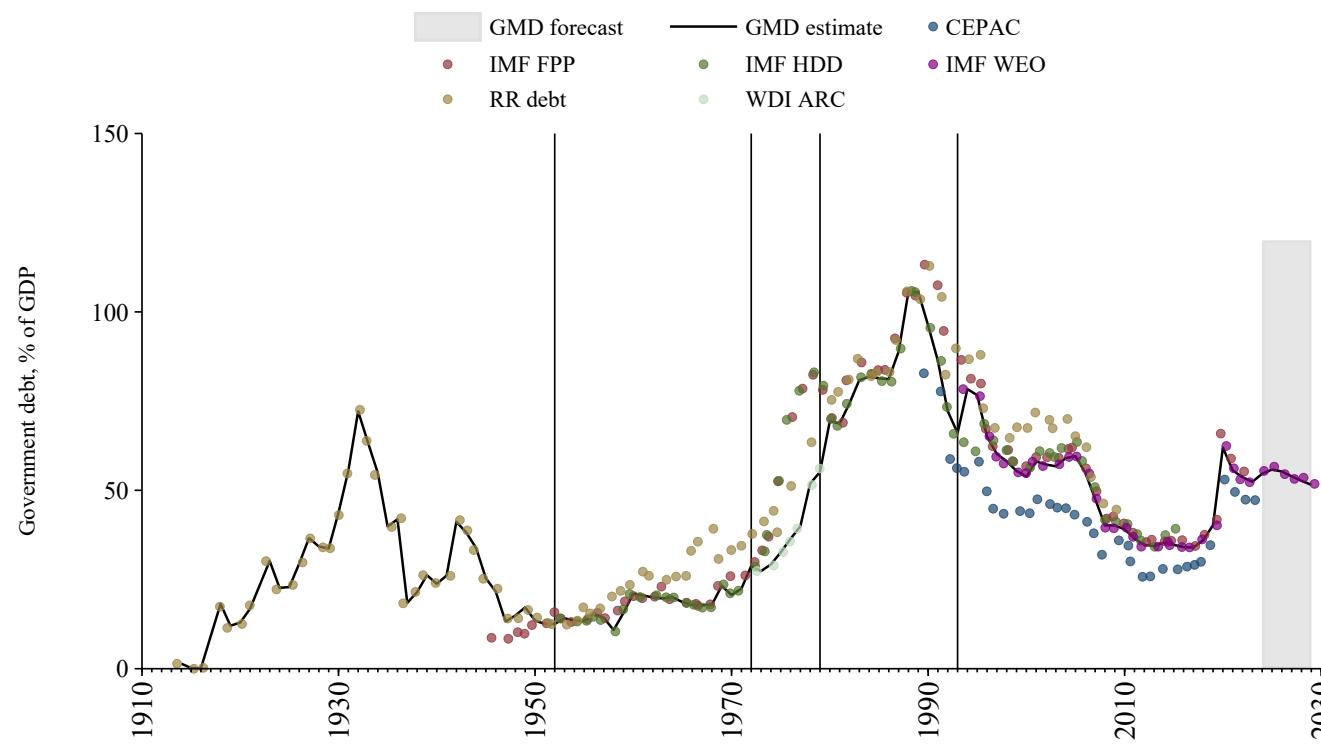
## Fixed investment to GDP ratio

Source	Time span	Notes
Mitchell (2013)	1946 - 1949	Spliced using overlapping data in 1950: (ratio = 86.9%)..
International Monetary Fund (2024b)	1950 - 1951	Spliced using overlapping data in 1952: (ratio = 86.8%)..
Mitchell (2013)	1952 - 1959	Spliced using overlapping data in 1960: (ratio = 87.5%)..
World Bank (2024)	1960 - 2023	Baseline source, overlaps with base year 2018.



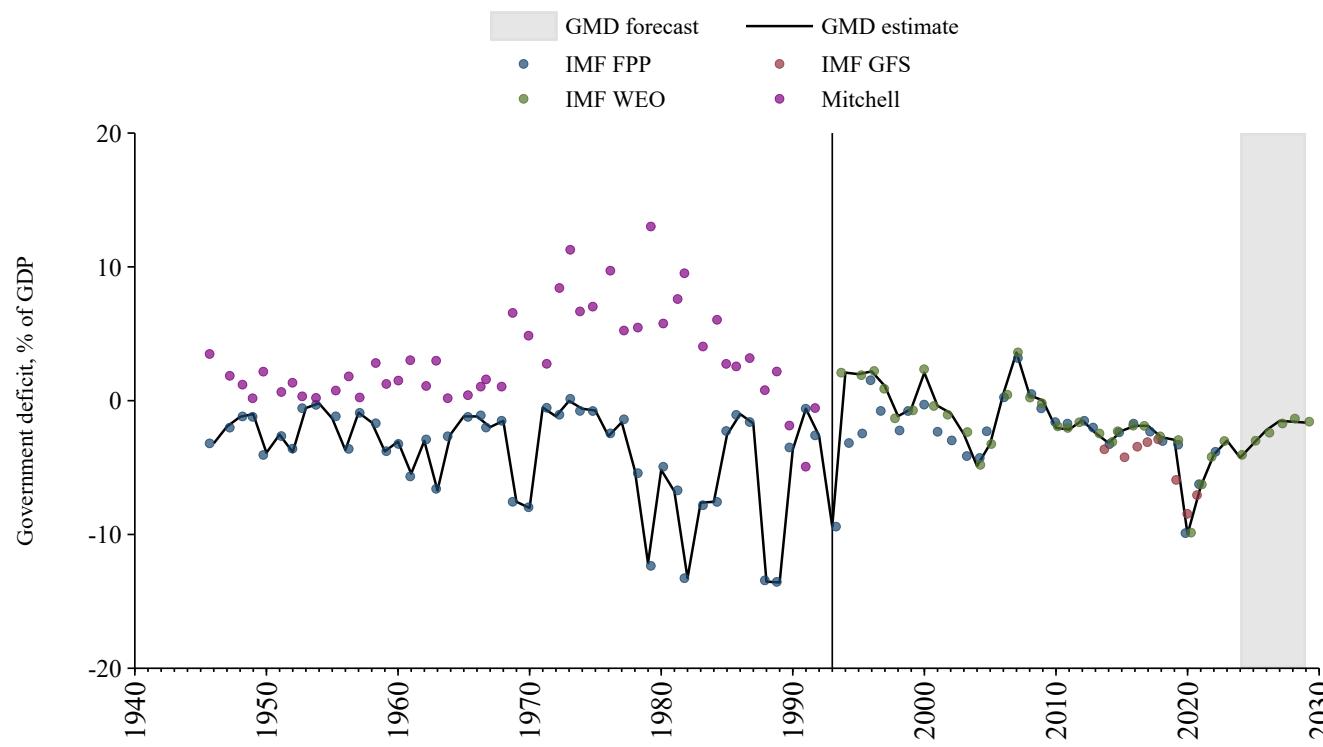
## Government debt

Source	Time span	Notes
Reinhart and Rogoff (2010)	1914 - 1952	Spliced using overlapping data in 1953.
International Monetary Fund (2010)	1953 - 1972	Spliced using overlapping data in 1973. Data refers to general government.
World Bank (Archives) (1999)	1973 - 1979	Spliced using overlapping data in 1980. Data refers to central government.
International Monetary Fund (2010)	1980 - 1993	Spliced using overlapping data in 1994. Data refers to general government.
WEO (2024)	1994 - 2029	Baseline source, overlaps with base year 2018. Data refers to general government.



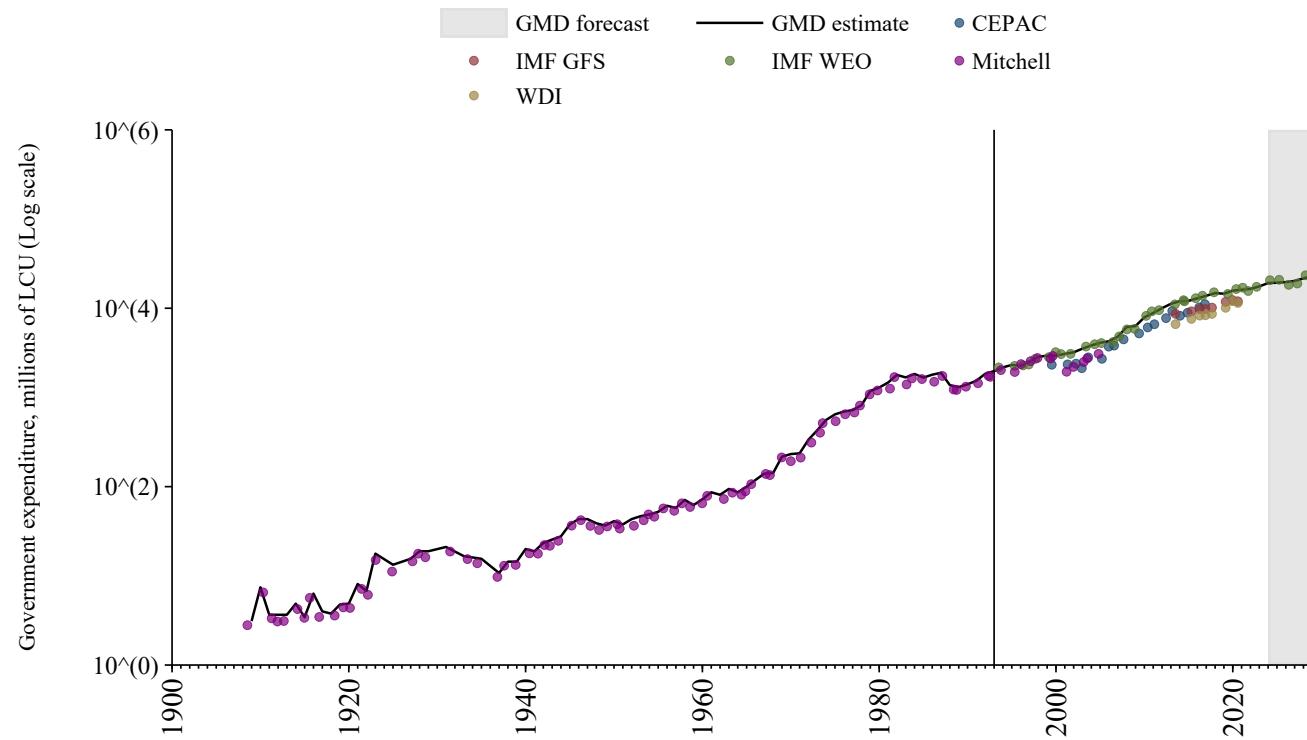
## Government deficit

Source	Time span	Notes
<a href="#">Mauro et al. (2015)</a>	1946 - 1993	Spliced using overlapping data in 1994.
<a href="#">WEO (2024)</a>	1994 - 2029	Baseline source, overlaps with base year 2018.



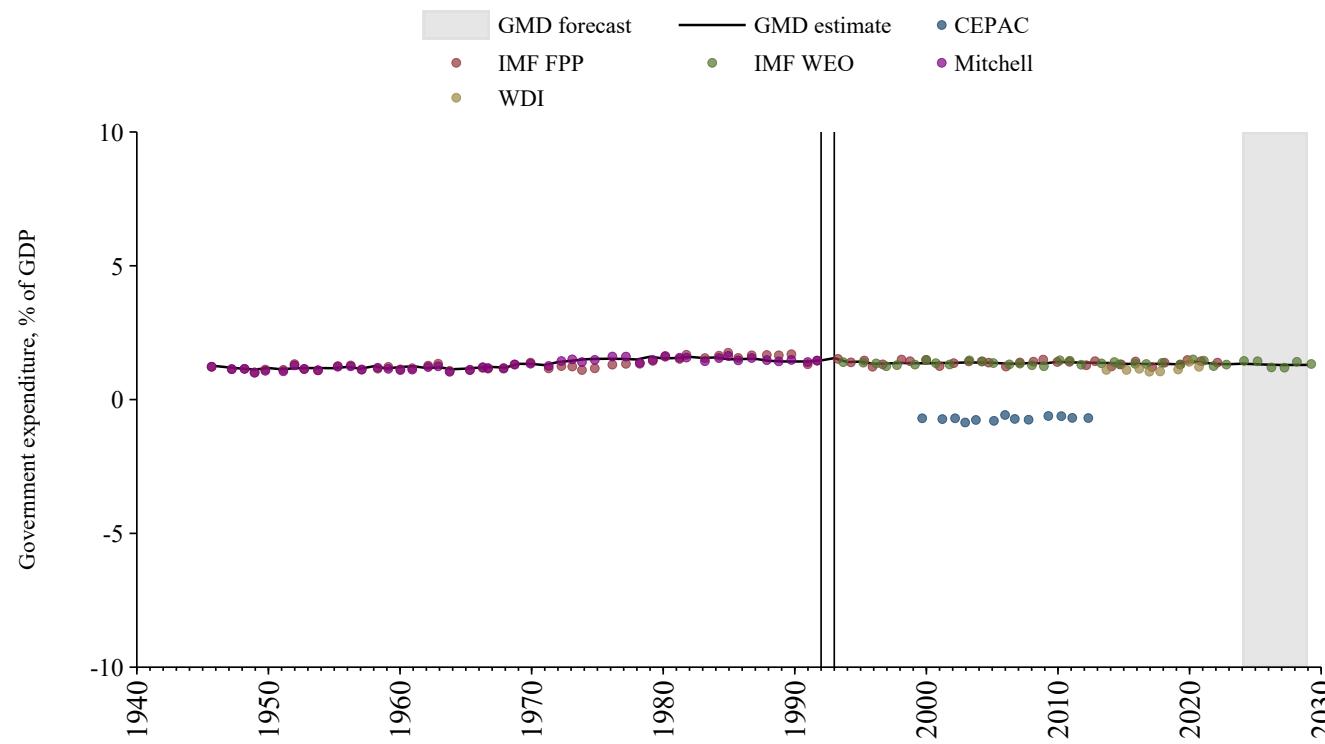
## Government expenditure

Source	Time span	Notes
Mitchell (2013)	1909 - 1993	Spliced using overlapping data in 1994: (ratio = 111%).. Data refers to central government.
WEO (2024)	1994 - 2029	Baseline source, overlaps with base year 2018. Data refers to general government.



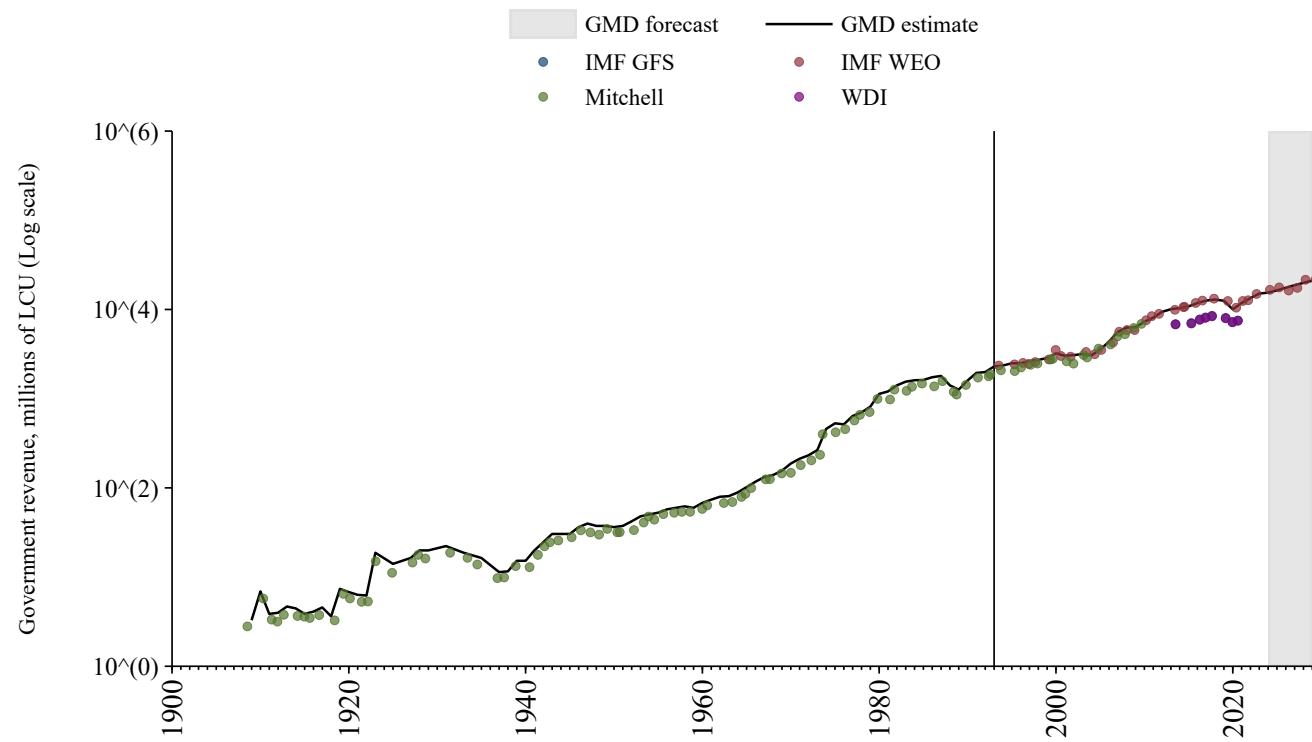
## Government expenditure to GDP ratio

Source	Time span	Notes
Mitchell (2013)	1946 - 1992	Spliced using overlapping data in 1993: (ratio = 105.3%).. Data refers to central government.
Mauro et al. (2015)	1993 - 1993	Spliced using overlapping data in 1994: (ratio = 104.7%).. Data refers to general government.
WEO (2024)	1994 - 2029	Baseline source, overlaps with base year 2018. Data refers to general government.



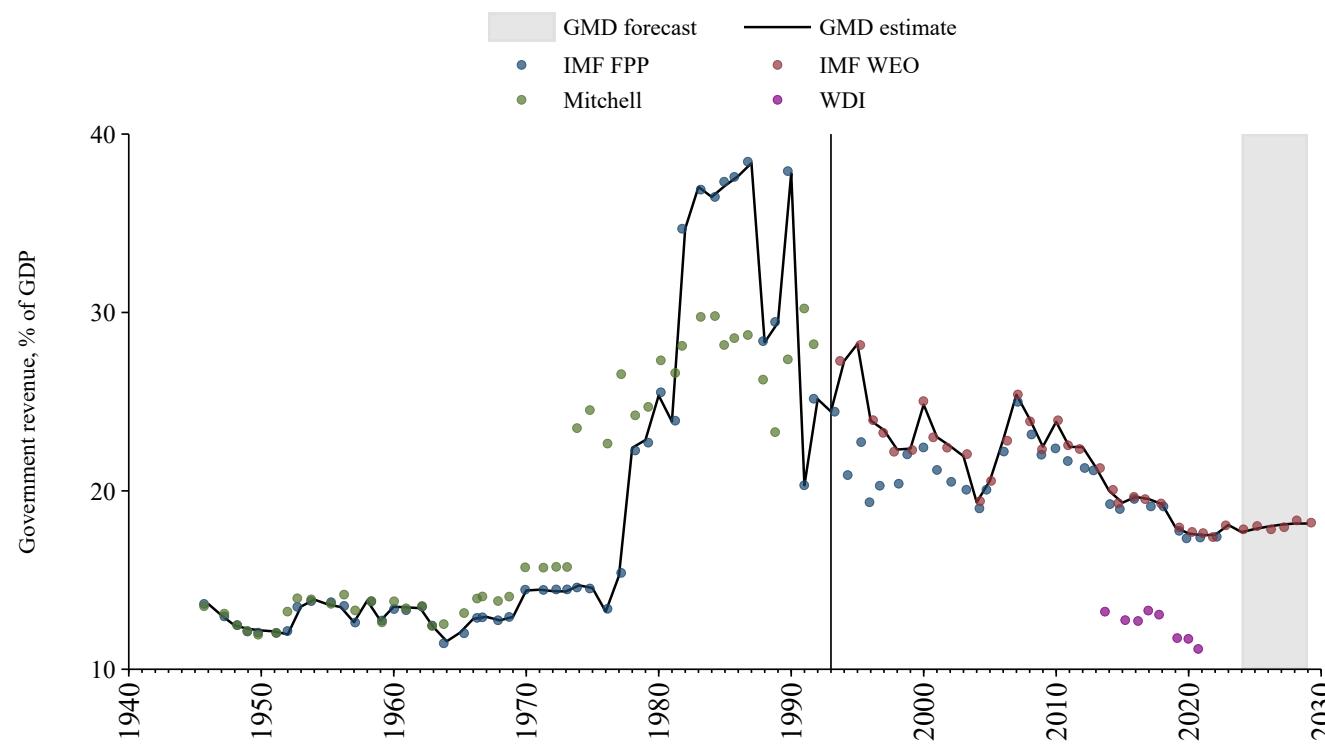
## Government revenue

Source	Time span	Notes
Mitchell (2013)	1909 - 1993	Spliced using overlapping data in 1994: (ratio = 117.1%).. Data refers to central government.
WEO (2024)	1994 - 2029	Baseline source, overlaps with base year 2018. Data refers to general government.



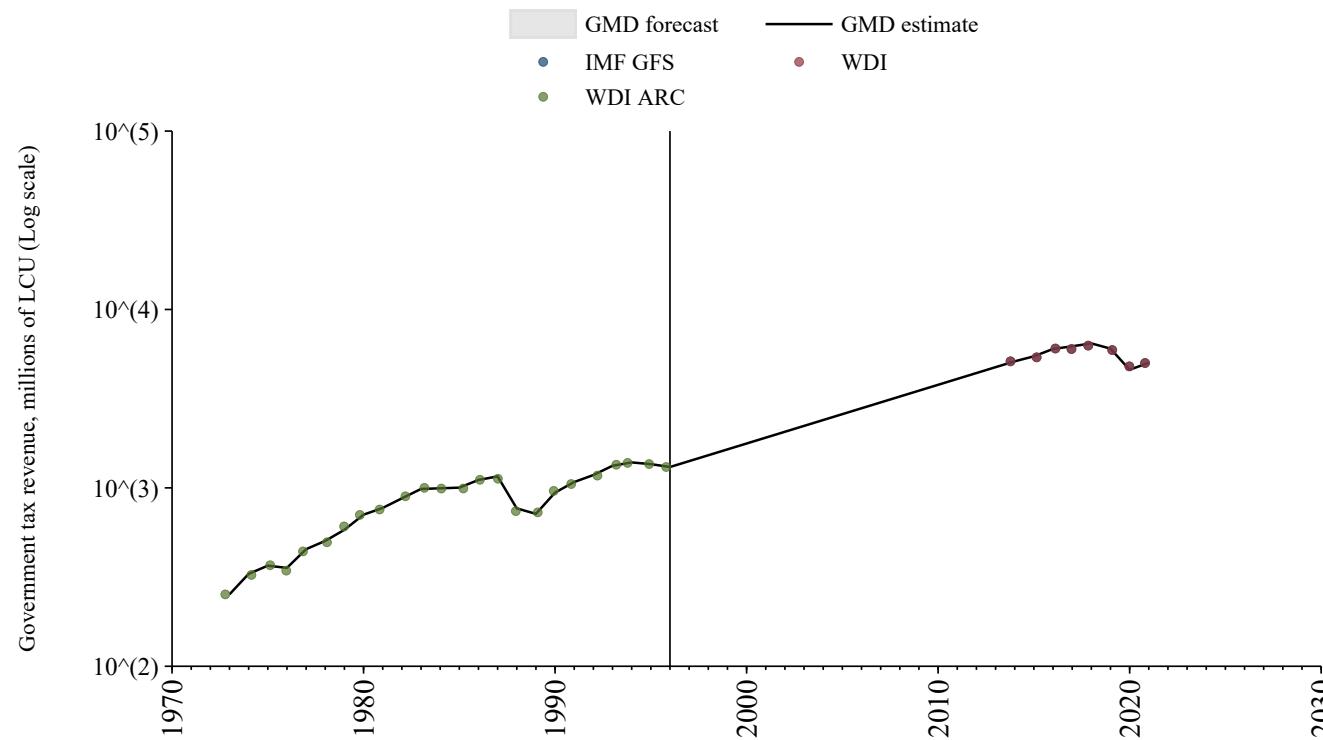
## Government revenue to GDP ratio

Source	Time span	Notes
<a href="#">Mauro et al. (2015)</a>	1946 - 1993	Spliced using overlapping data in 1994. Data refers to general government.
<a href="#">WEO (2024)</a>	1994 - 2029	Baseline source, overlaps with base year 2018. Data refers to general government.



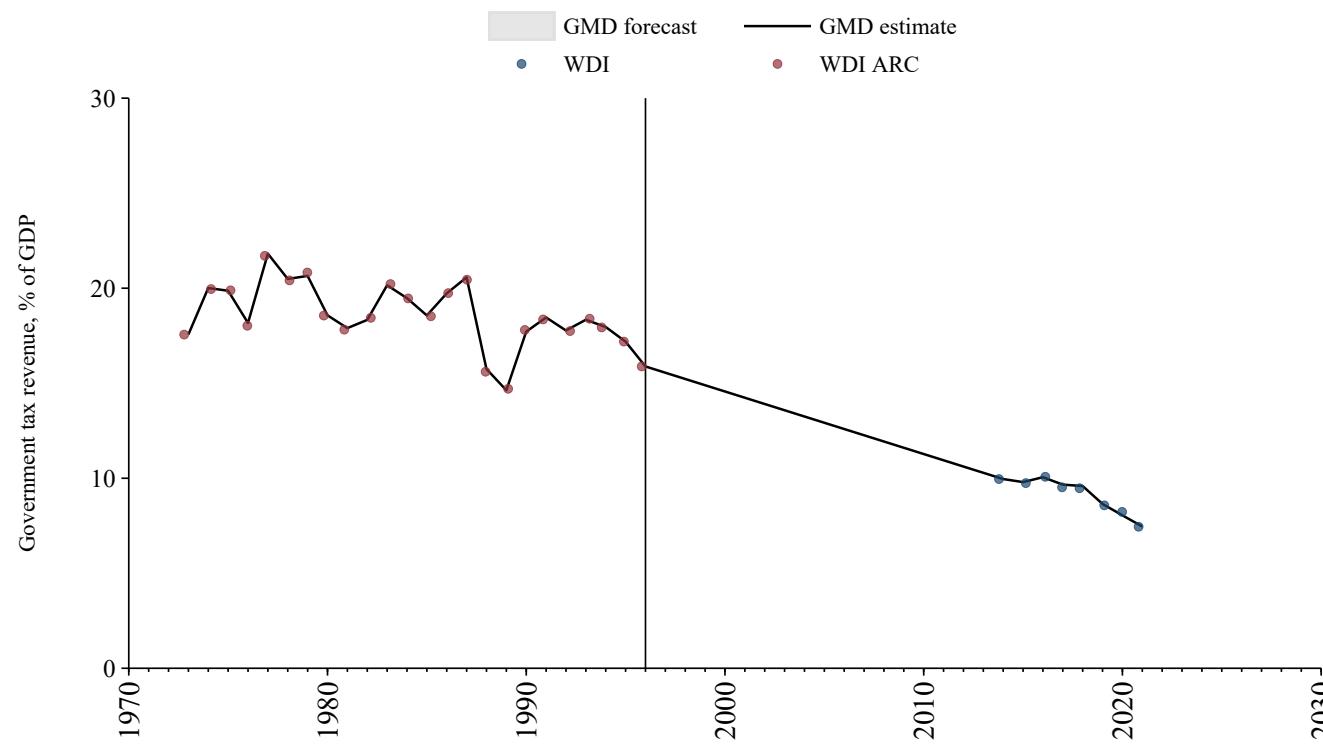
## Government tax revenue

Source	Time span	Notes
<a href="#">World Bank (Archives) (1999)</a>	1973 - 1996	Spliced using overlapping data in 1997. Data refers to general government.
<a href="#">International Monetary Fund (2024a)</a>	1997 - 2021	Baseline source, overlaps with base year 2018. Data refers to central government.



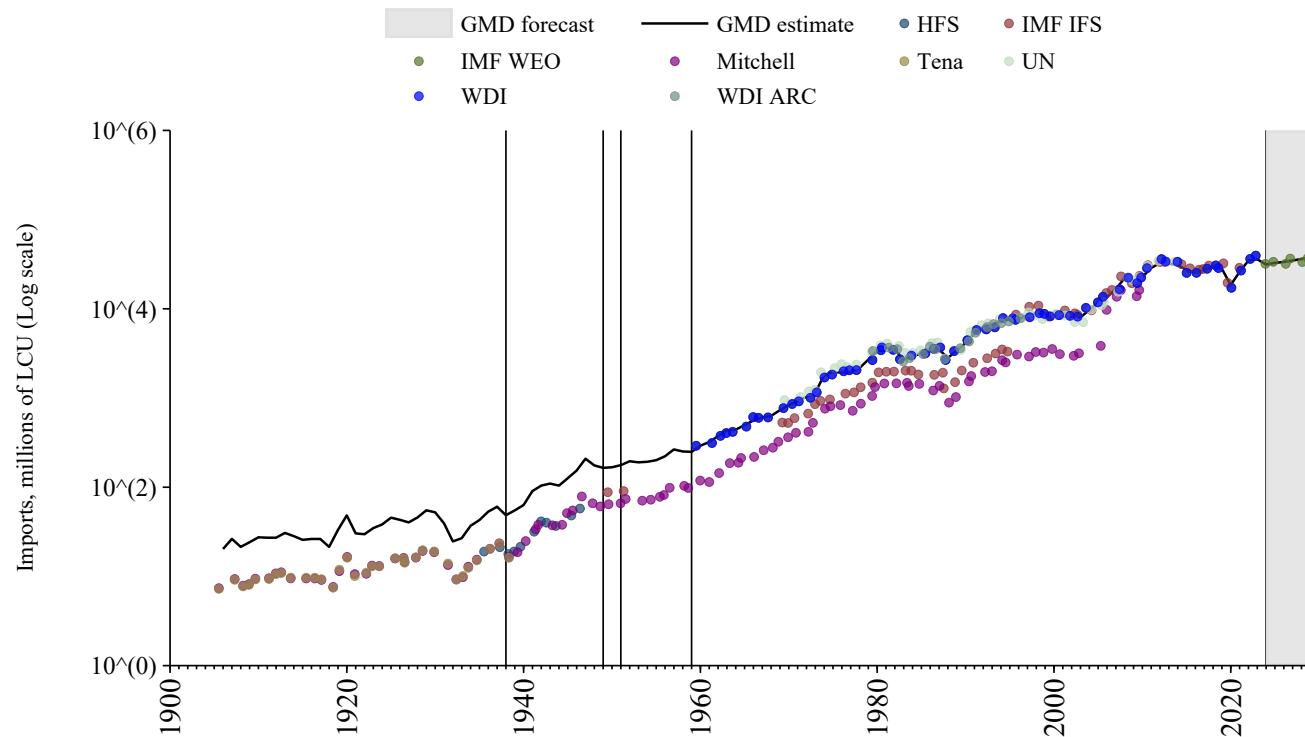
## Government tax revenue to GDP ratio

Source	Time span	Notes
<a href="#">World Bank (Archives) (1999)</a>	1973 - 1996	Spliced using overlapping data in 1997. Data refers to central government.
<a href="#">World Bank (2024)</a>	1997 - 2021	Baseline source, overlaps with base year 2018. Data refers to central government.



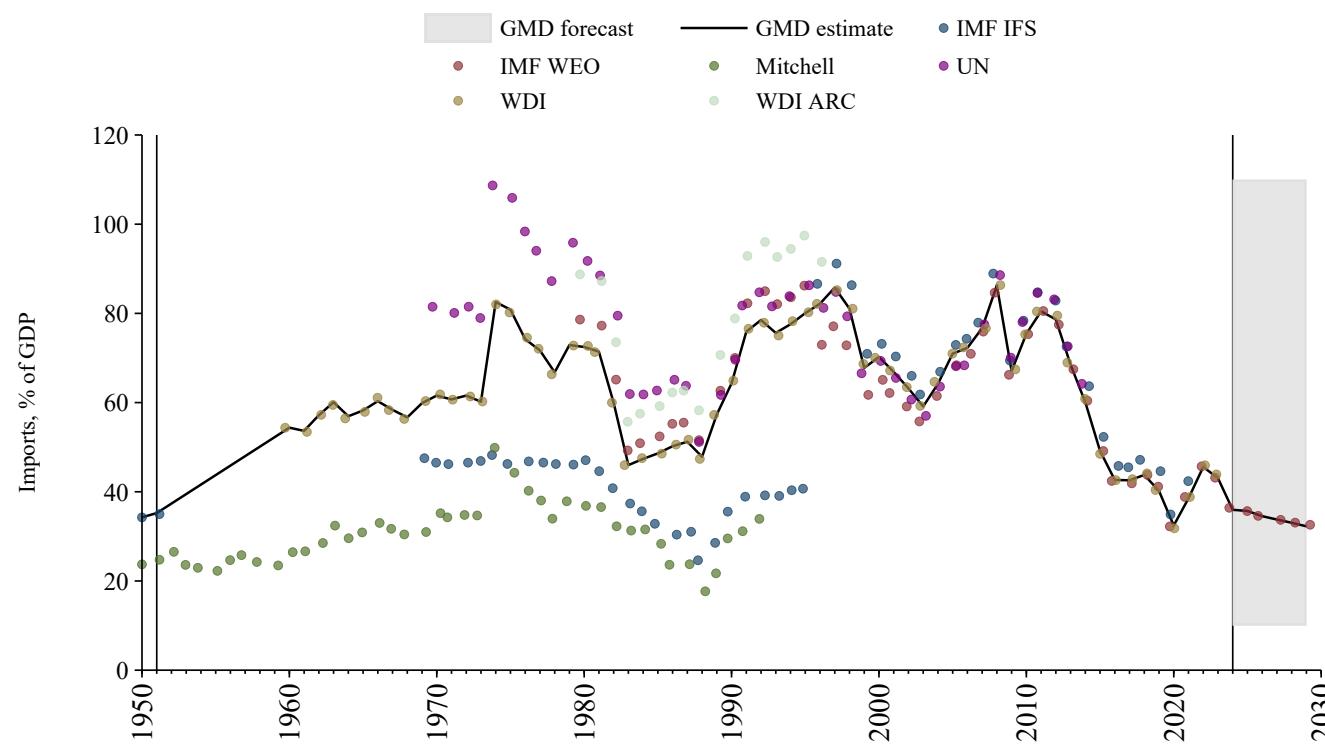
# Imports

Source	Time span	Notes
<a href="#">Federico and Tena-Junguito (2019)</a>	1906 - 1938	Spliced using overlapping data in 1939: (ratio = 280.3%)..
<a href="#">Mitchell (2013)</a>	1939 - 1949	Spliced using overlapping data in 1950: (ratio = 274.7%)..
<a href="#">International Monetary Fund (2024b)</a>	1950 - 1951	Spliced using overlapping data in 1952: (ratio = 190.4%)..
<a href="#">Mitchell (2013)</a>	1952 - 1959	Spliced using overlapping data in 1960: (ratio = 268%)..
<a href="#">World Bank (2024)</a>	1960 - 2023	Baseline source, overlaps with base year 2018.
<a href="#">WEO (2024)</a>	2024 - 2029	Spliced using overlapping data in 2030.



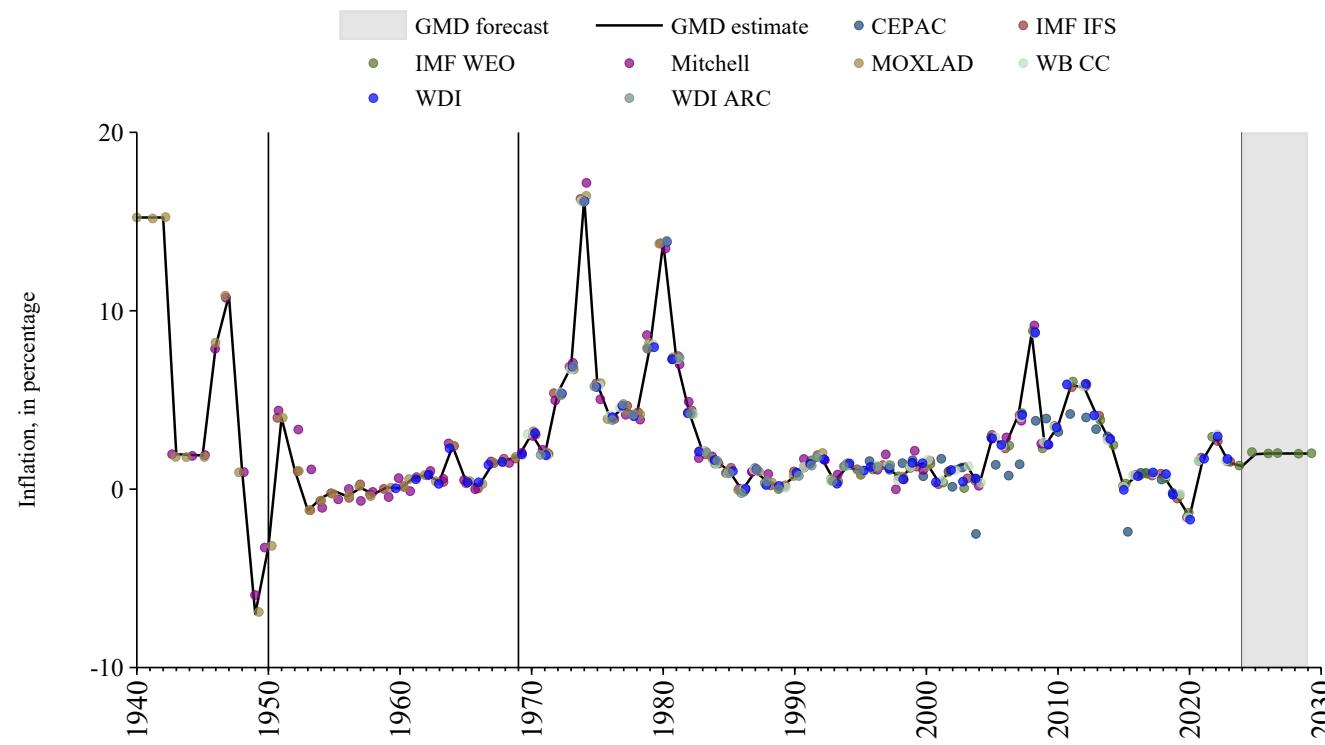
## Imports to GDP ratio

Source	Time span	Notes
International Monetary Fund (2024b)	1950 - 1951	Spliced using overlapping data in 1952.
World Bank (2024)	1952 - 2023	Baseline source, overlaps with base year 2018.
WEO (2024)	2024 - 2029	Spliced using overlapping data in 2030: (ratio = 100.1%)..



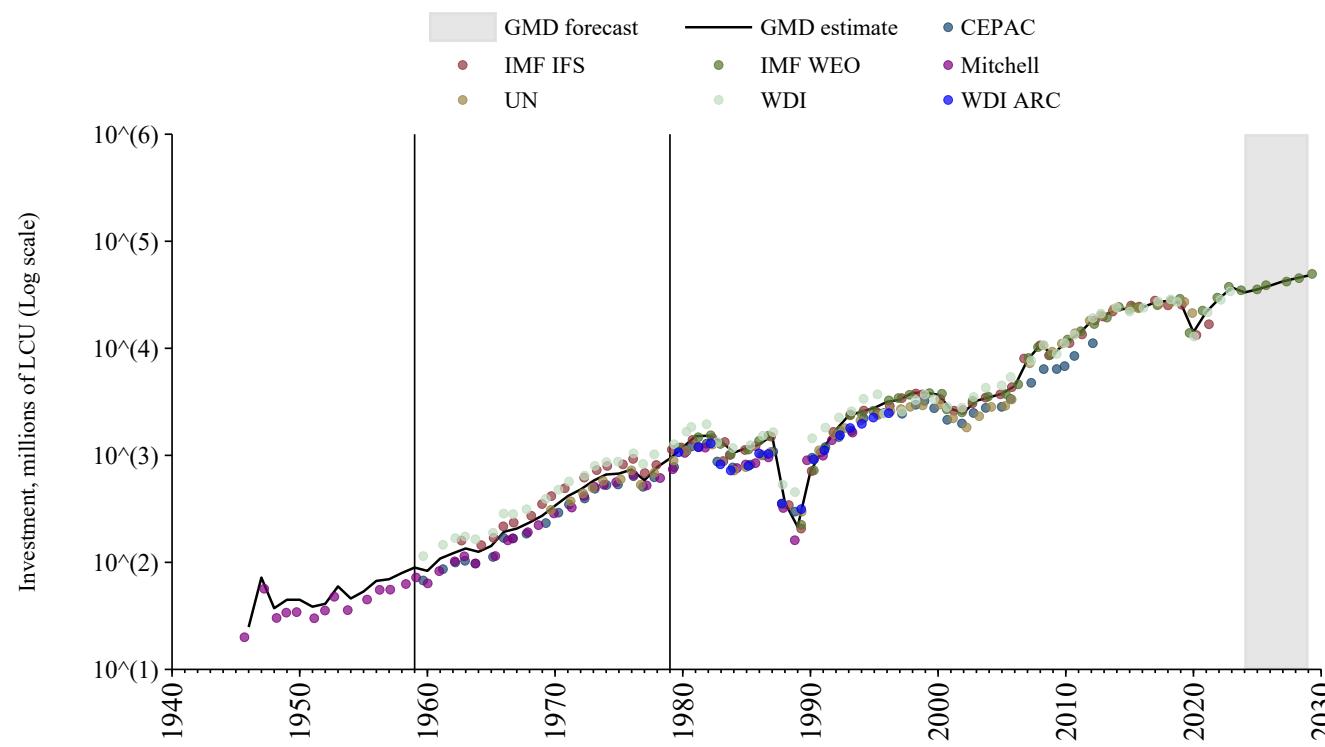
# Inflation

Source	Time span	Notes
Bértola and Rey (2018)	1940 - 1950	Spliced using overlapping data in 1951.
International Monetary Fund (2024b)	1951 - 1969	Spliced using overlapping data in 1970.
Ha et al. (2023)	1970 - 2023	Baseline source, overlaps with base year 2018.
WEO (2024)	2024 - 2029	Spliced using overlapping data in 2030.



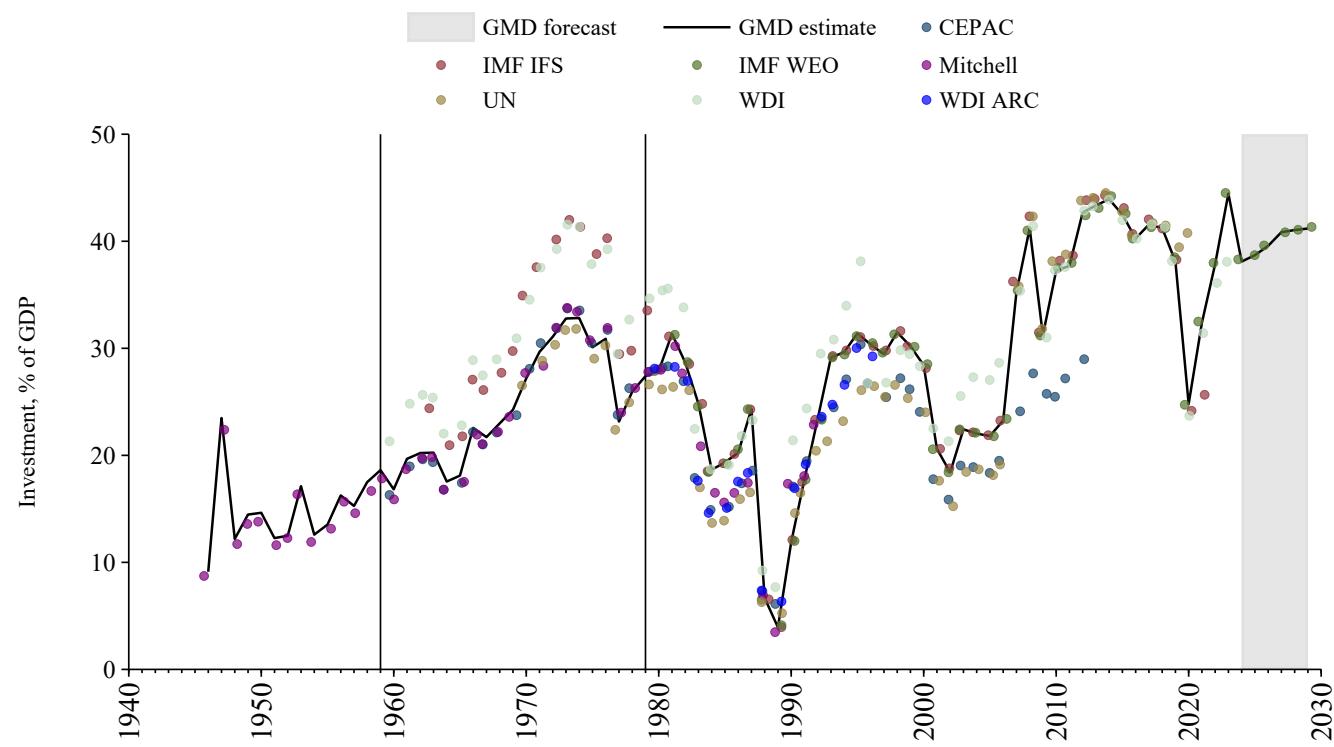
# Investment

Source	Time span	Notes
Mitchell (2013)	1946 - 1959	Spliced using overlapping data in 1960: (ratio = 124.3%)..
World Bank (2024)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 72.8%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



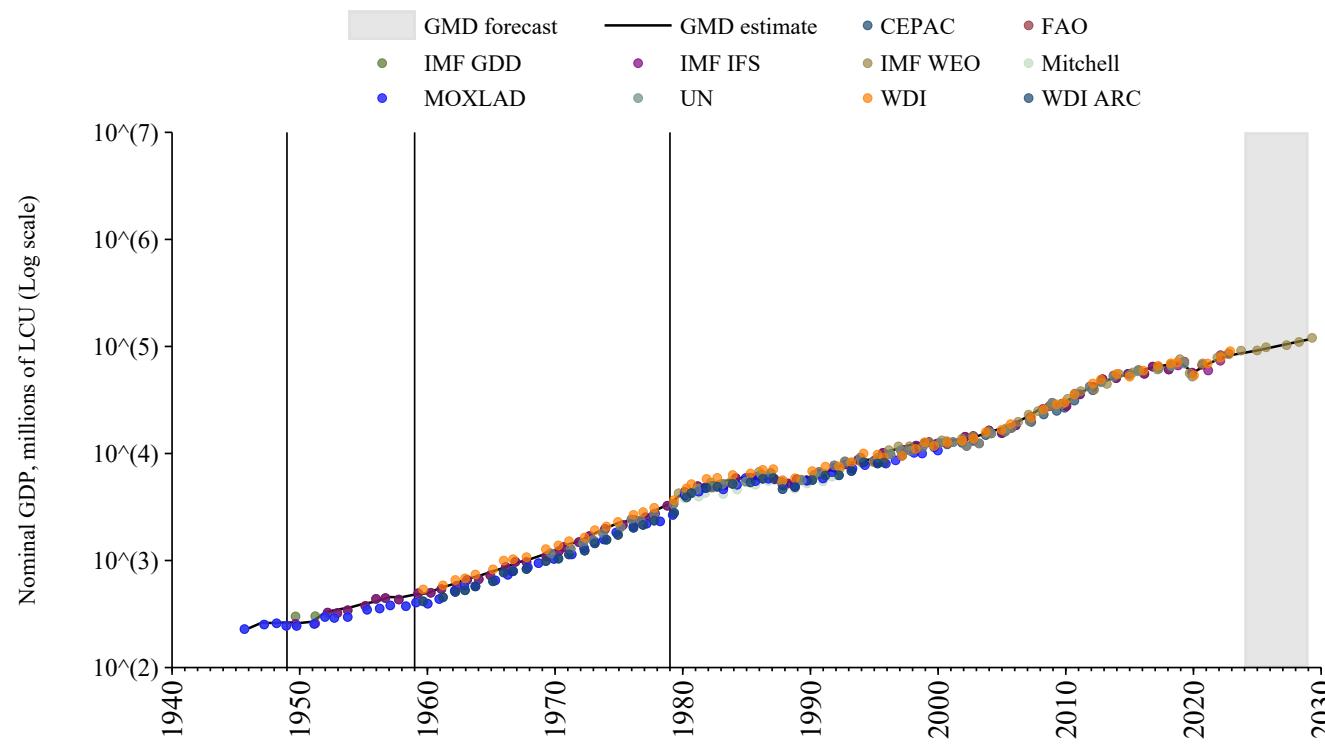
## Investment to GDP ratio

Source	Time span	Notes
Mitchell (2013)	1946 - 1959	Spliced using overlapping data in 1960: (ratio = 104.5%)..
World Bank (2024)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 78.9%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



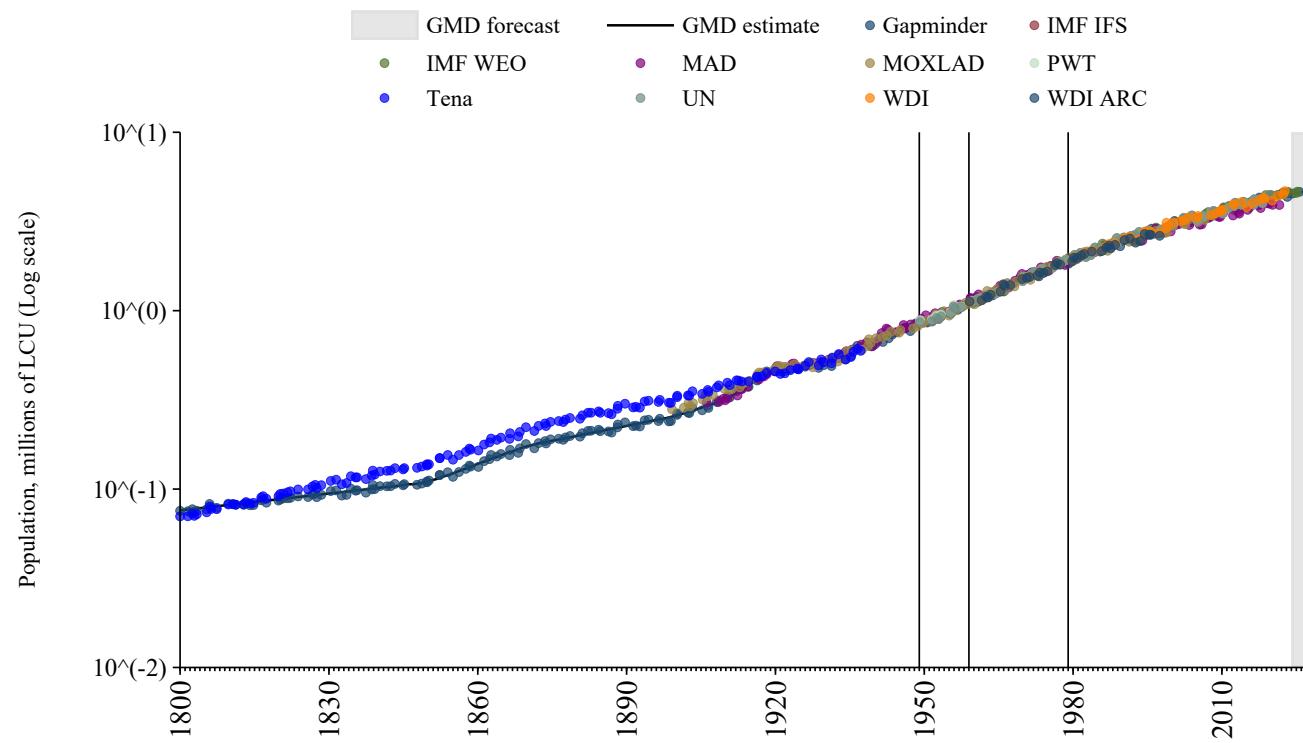
## Nominal GDP

Source	Time span	Notes
<a href="#">Mitchell (2013)</a>	1946 - 1949	Spliced using overlapping data in 1950: (ratio = 101.6%)..
<a href="#">International Monetary Fund (2024b)</a>	1950 - 1959	Spliced using overlapping data in 1960: (ratio = 101.6%)..
<a href="#">World Bank (2024)</a>	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 92.2%)..
<a href="#">WEO (2024)</a>	1980 - 2029	Baseline source, overlaps with base year 2018.



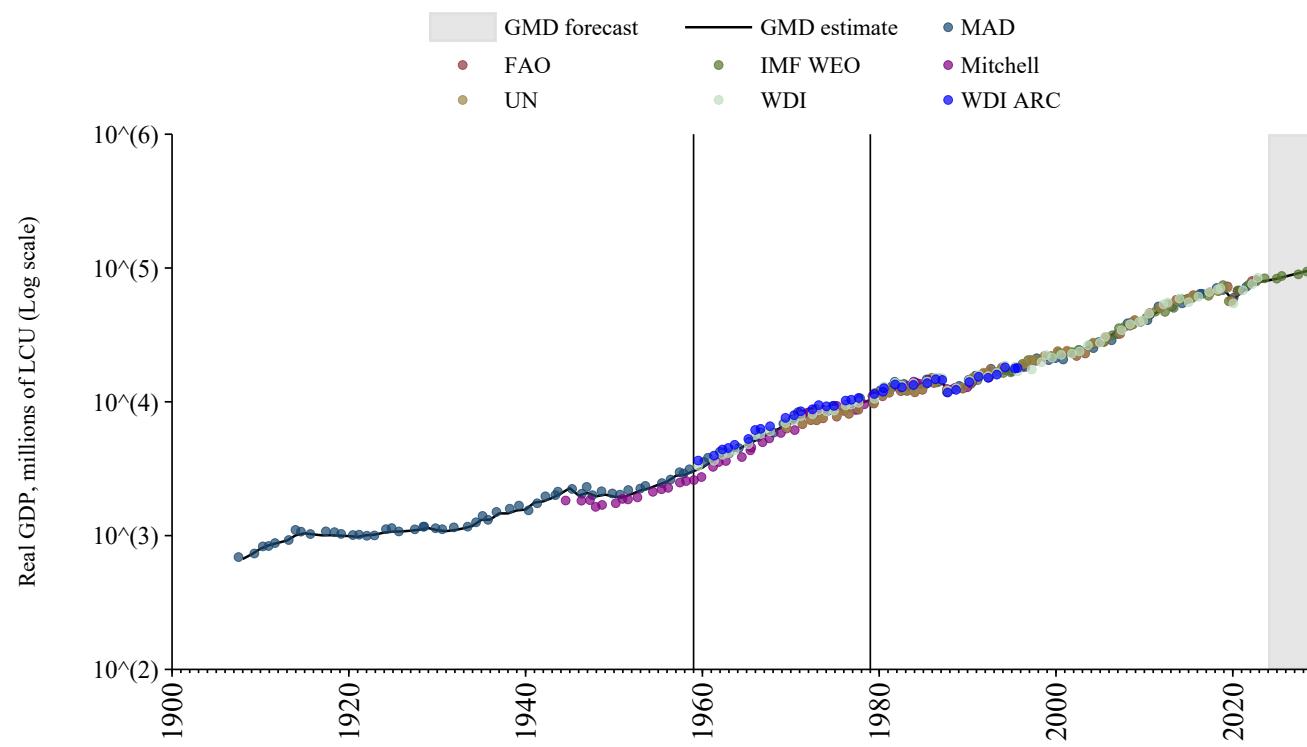
# Population

Source	Time span	Notes
Gapminder (2024)	1800 - 1949	Spliced using overlapping data in 1950: (ratio = 100.5%)..
International Monetary Fund (2024b)	1950 - 1959	Spliced using overlapping data in 1960: (ratio = 100.6%)..
World Bank (2024)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 101.2%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.
Gapminder (2024)	2030 - 2030	Spliced using overlapping data in 2031: (ratio = 100.2%)..



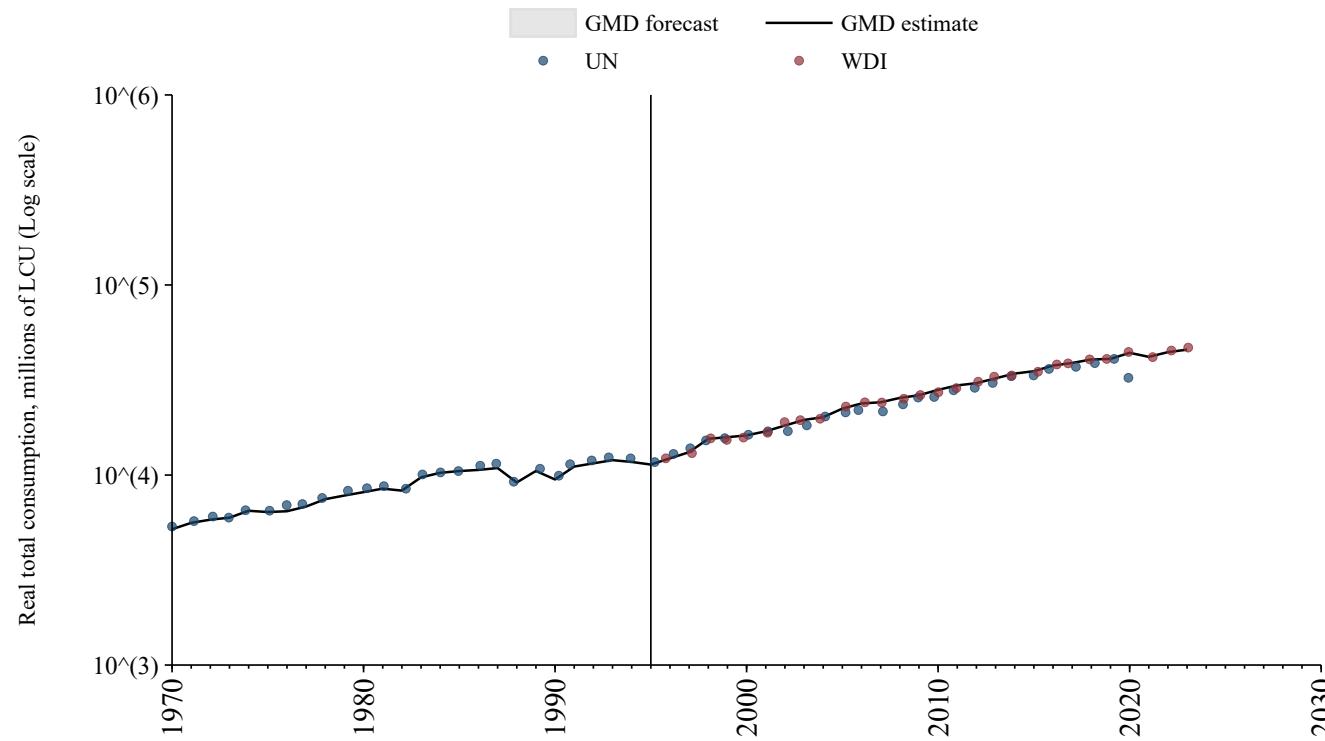
## Real GDP

Source	Time span	Notes
Bolt et al. (2018)	1908 - 1959	Spliced using overlapping data in 1960: (ratio = 96.8%)..
World Bank (2024)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 96.8%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



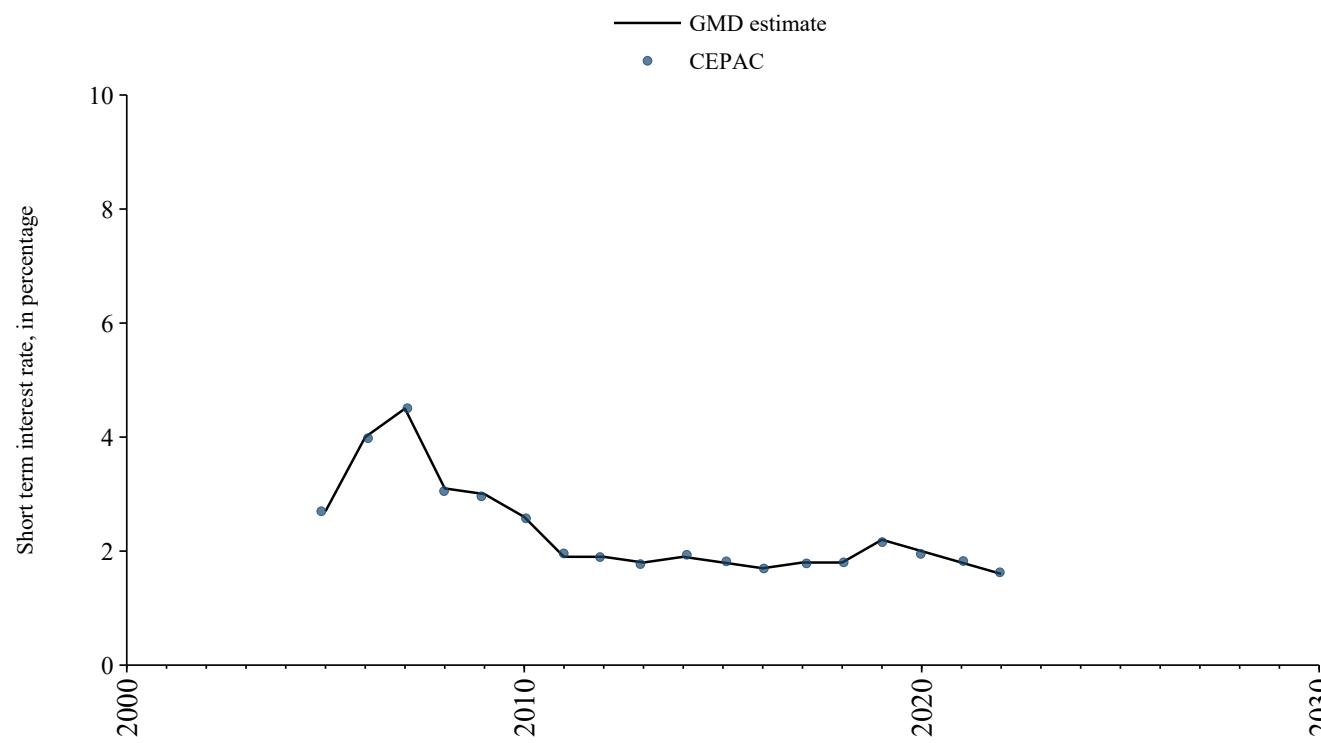
## Real total consumption

Source	Time span	Notes
<a href="#">United Nations (2024)</a>	1970 - 1995	Spliced using overlapping data in 1996: (ratio = 96.7%)..
<a href="#">World Bank (2024)</a>	1996 - 2023	Baseline source, overlaps with base year 2018.



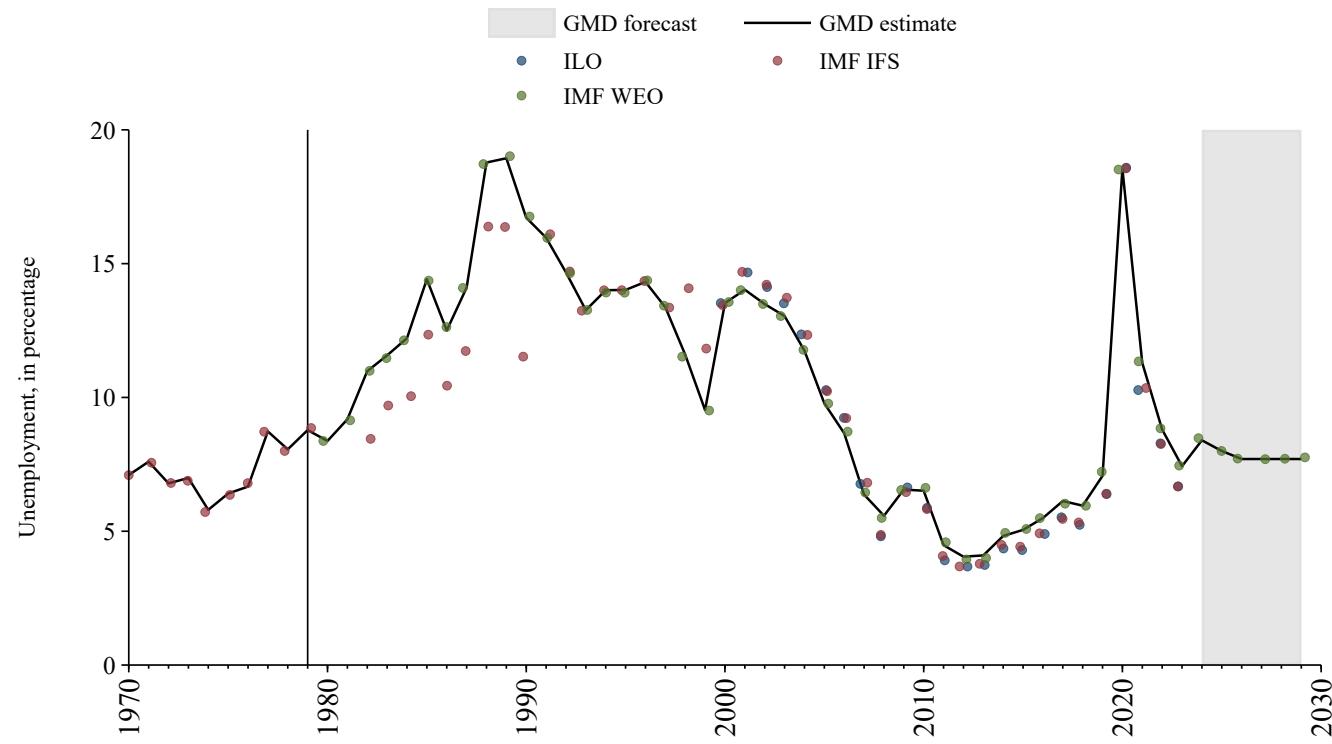
## Short term interest rate

Source	Time span	Notes
Economic Commission for Latin America and the Caribbean (2024)	2005 - 2022	Baseline source, overlaps with base year 2018.



# Unemployment

Source	Time span	Notes
International Monetary Fund (2024b)	1970 - 1979	Spliced using overlapping data in 1980.
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



## References

### References

- Bank for International Settlements (2024).
- Bolt, Jutta, Robert Inklaar, Herman de Jong, and Jan Luiten van Zanden. “Rebasing ‘Maddison’: New Income Comparisons and the Shape of Long-run Economic Development.” *Maddison Project Working Paper 10*, Maddison Project (2018). Accessed: 2024-04-04.
- Bértola, Luis and María Rey. “The Montevideo-Oxford Latin American Economic History Database (MOxLAD): Origins, Contents and Sources.” *Economic History of Developing Regions*, 33(2018), 209–224.
- Darvas, Zsolt. “Timely Measurement of Real Effective Exchange Rates.” Working Paper 2021/15, Bruegel (2021).
- Economic Commission for Latin America and the Caribbean. “Economic Commission for Latin America and the Caribbean.” (2024). Accessed: 2024-06-18.
- Federico, Giovanni and Antonio Tena-Junguito. “World Trade, 1800-1938: a New Synthesis.” *Revista de Historia Económica-Journal of Iberian and Latin America Economic History*, 37(2019).
- Gapminder. “Gapminder: Total Population.” (2024). Accessed: 2024-08-14.
- Ha, Jongrim, M. Ayhan Kose, and Franziska Ohnsorge. “One-Stop Source: A Global Database of Inflation.” *Journal of International Money and Finance*, 137(2023), 102896.
- International Monetary Fund. “A Historical Public Debt Database.” IMF Working Papers 2010/245, International Monetary Fund (2010).
- \_\_\_\_\_. “Government Finance Statistics.” (2024a).
- \_\_\_\_\_. “International Financial Statistics.” (2024b).
- \_\_\_\_\_. “Monetary and Financial Statistics.” (2024c).
- Mauro, Paolo, Rafael Romeu, Ariel Binder, and Asad Zaman. “A modern history of fiscal prudence and profligacy.” *Journal of Monetary Economics*, 76(2015), 55–70.
- Mitchell, Brian. *International Historical Statistics*. International Historical Statistics. Palgrave Macmillan London, 1 edition (2013).
- Reinhart, Carmen M. and Kenneth S. Rogoff. “Debt-to-GDP Ratios Dataset.” (2010). Historical debt-to-GDP ratios for 70 countries.
- United Nations. “World Population Prospects 2024, Online Edition.” (2024). Accessed: 2024-02-02.
- WEO. “World Economic Outlook Database.” (2024). Accessed: 2024-08-05.
- World Bank. “World Development Indicators.” (2024). Accessed: 2024-04-21.
- World Bank (Archives). “World Development Indicators.” (1999). Accessed: 2024-07-21.