

Country Data and Graphs for China

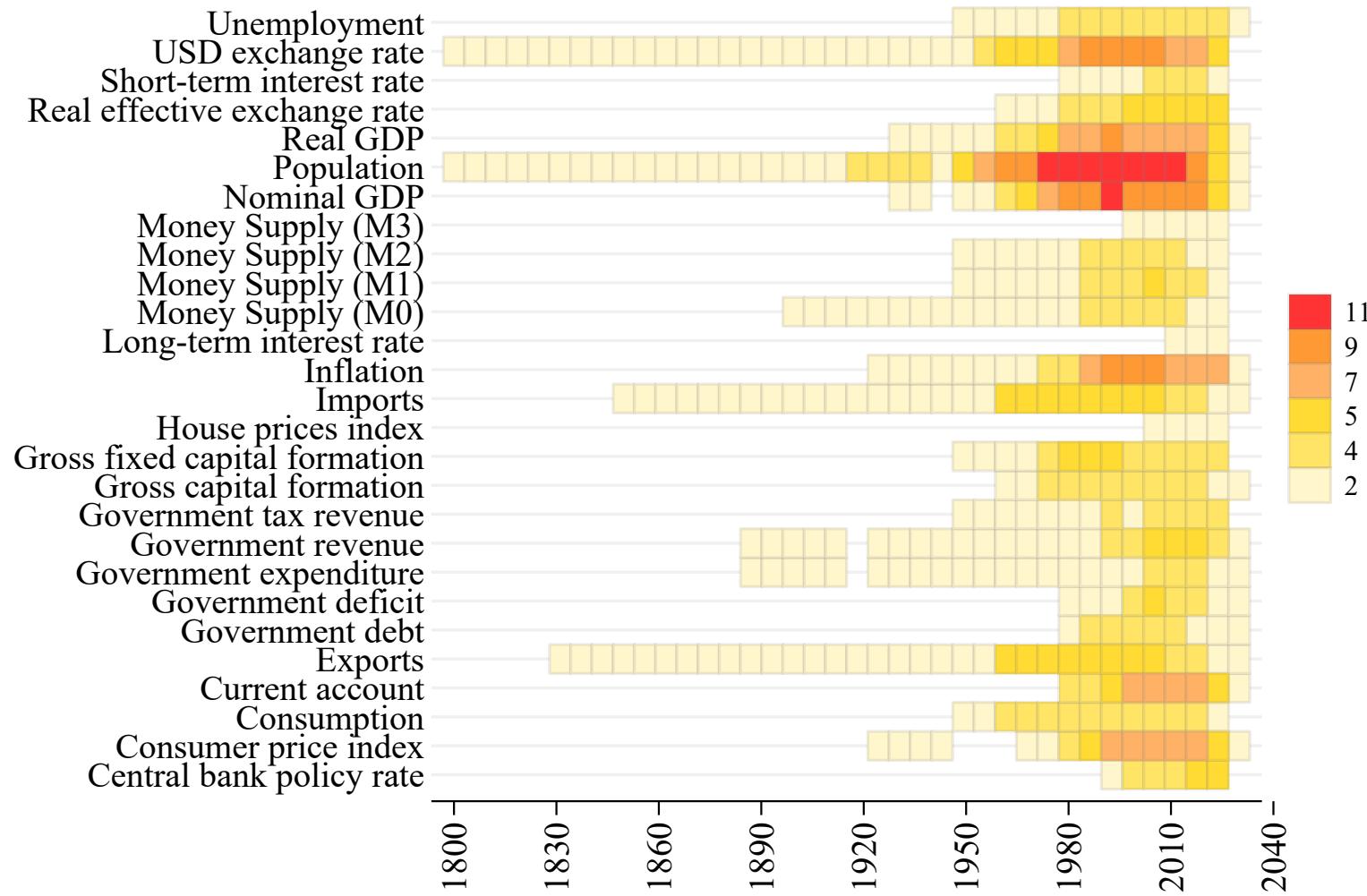
January 28, 2025

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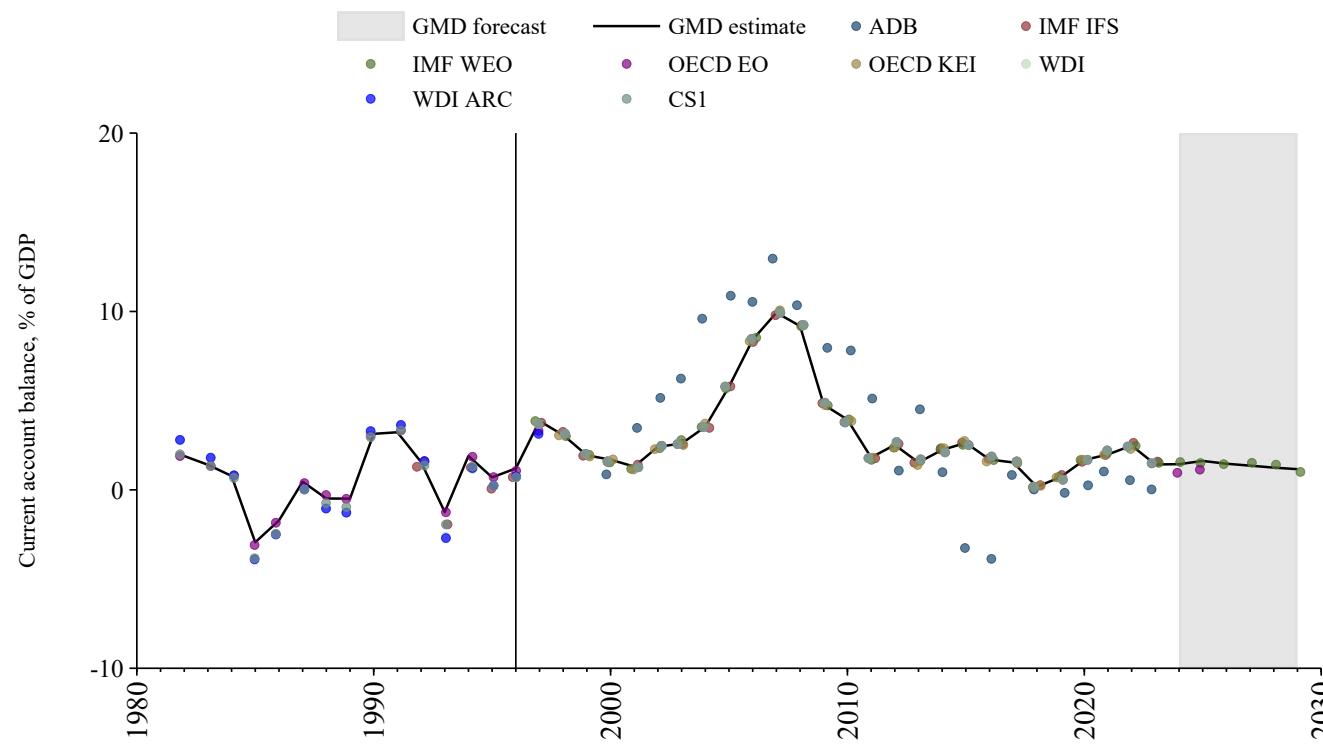
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Data availability heatmap



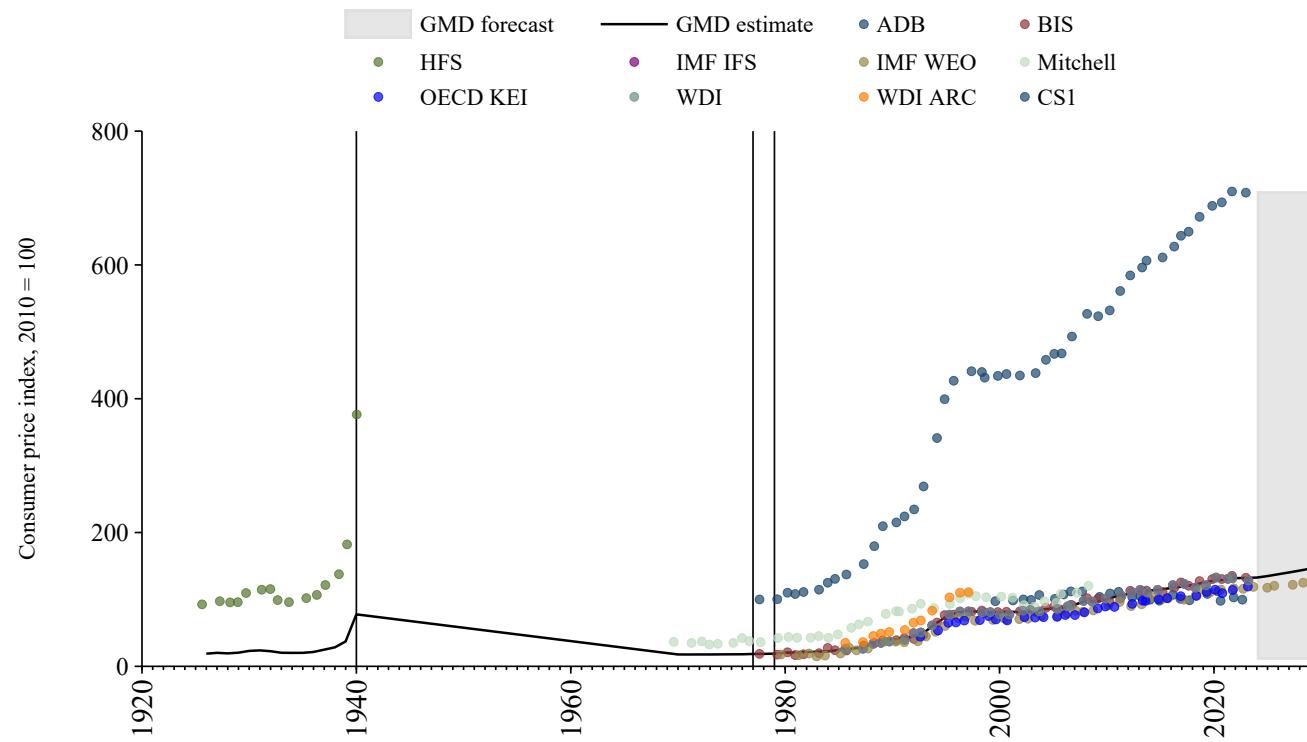
Current account balance

Source	Time span	Notes
OECD Economic Outlook (2024)	1982 - 1996	Spliced using overlapping data in 1997.
WEO (2024)	1997 - 2029	Baseline source, overlaps with base year 2018.



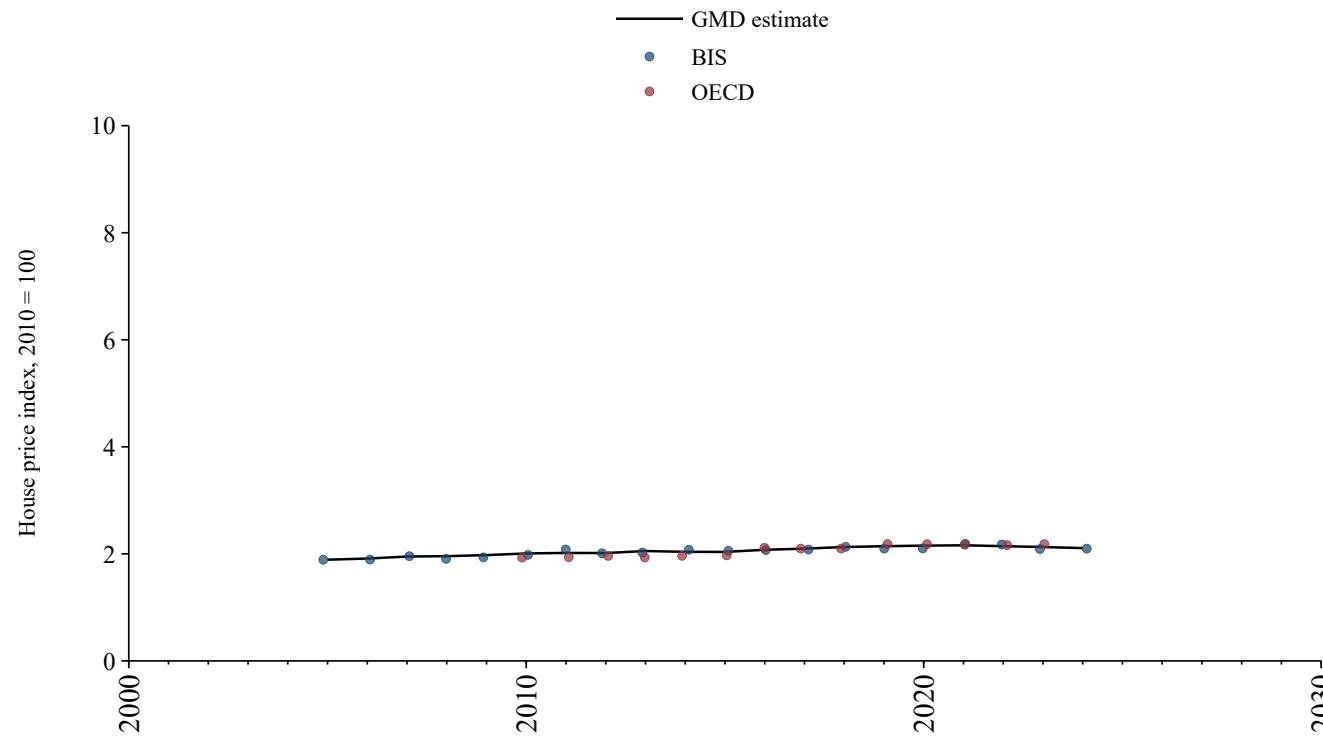
Consumer price index

Source	Time span	Notes
Schuler (2015)	1926 - 1940	Spliced using overlapping data in 1941: (ratio = 17.8%)..
Mitchell (2013)	1941 - 1977	Spliced using overlapping data in 1978: (ratio = 42.2%)..
Bank for International Settlements (2024)	1978 - 1979	Spliced using overlapping data in 1980: (ratio = 87%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



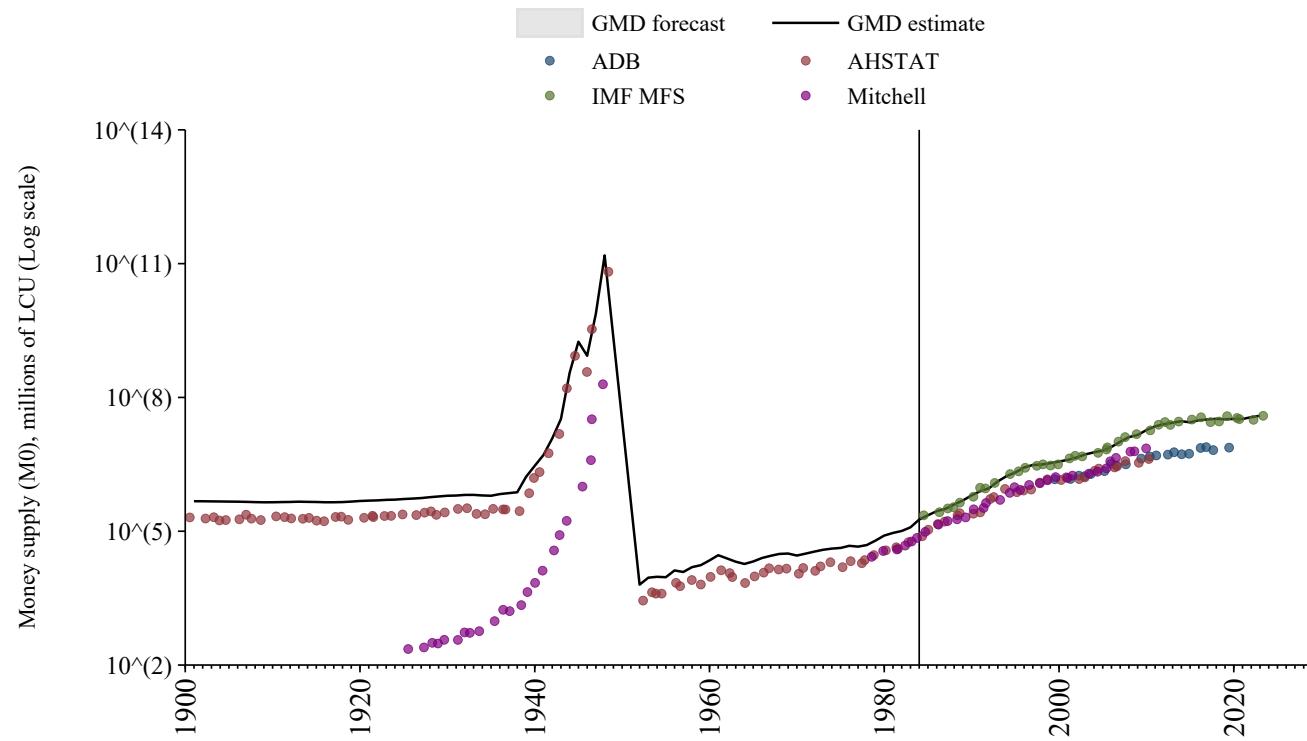
House price index

Source	Time span	Notes
Bank for International Settlements (2024)	2005 - 2024	Baseline source, overlaps with base year 2018.



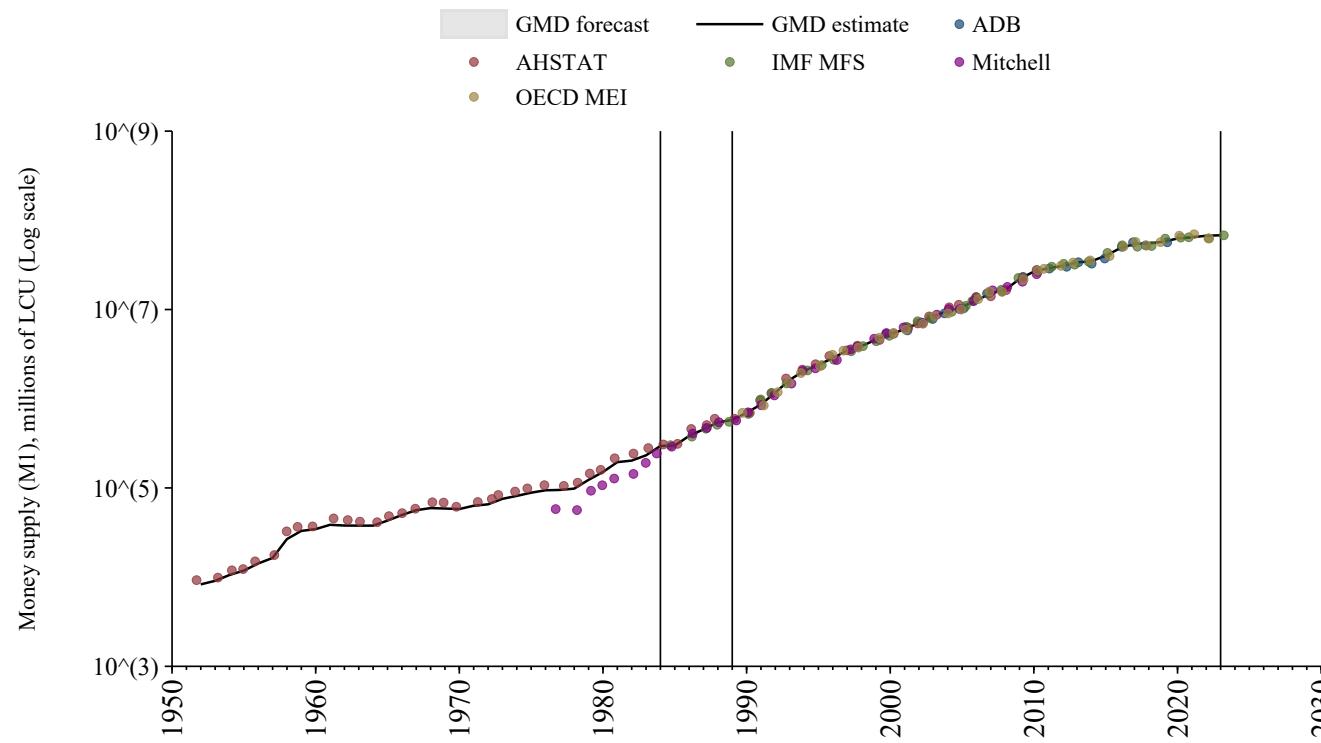
Money supply (M0)

Source	Time span	Notes
Institute of Economic Research, Hitotsubashi University (2008)	1901 - 1984	Spliced using overlapping data in 1985: (ratio = 231.2%)..
International Monetary Fund (2024c)	1985 - 2023	Baseline source, overlaps with base year 2018.



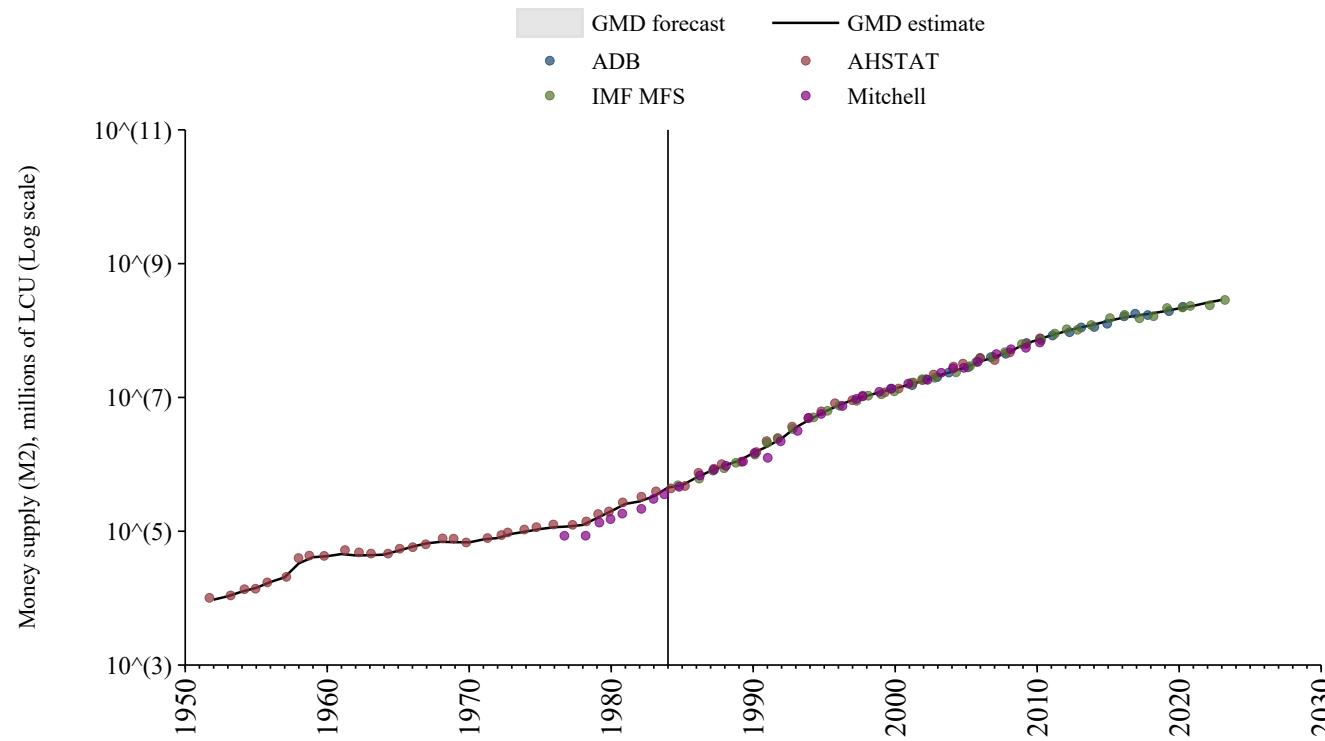
Money supply (M1)

Source	Time span	Notes
Institute of Economic Research, Hitotsubashi University (2008)	1952 - 1984	Spliced using overlapping data in 1985: (ratio = 89.6%)..
International Monetary Fund (2024c)	1985 - 1989	Spliced using overlapping data in 1990: (ratio = 99.2%)..
OECD (2024b)	1990 - 2022	Baseline source, overlaps with base year 2018.
International Monetary Fund (2024c)	2023 - 2023	Spliced using overlapping data in 2024.



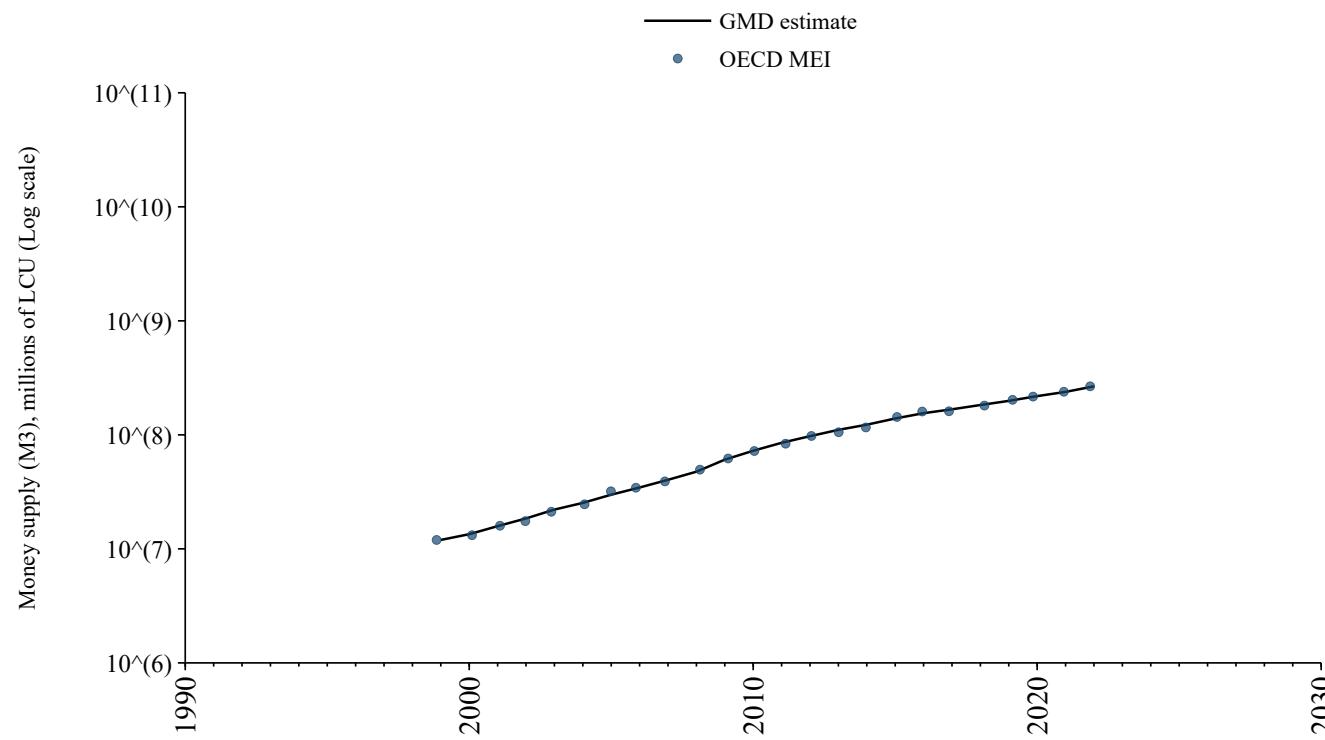
Money supply (M2)

Source	Time span	Notes
Institute of Economic Research, Hitotsubashi University (2008)	1952 - 1984	Spliced using overlapping data in 1985: (ratio = 93.8%)..
International Monetary Fund (2024c)	1985 - 2023	Baseline source, overlaps with base year 2018.



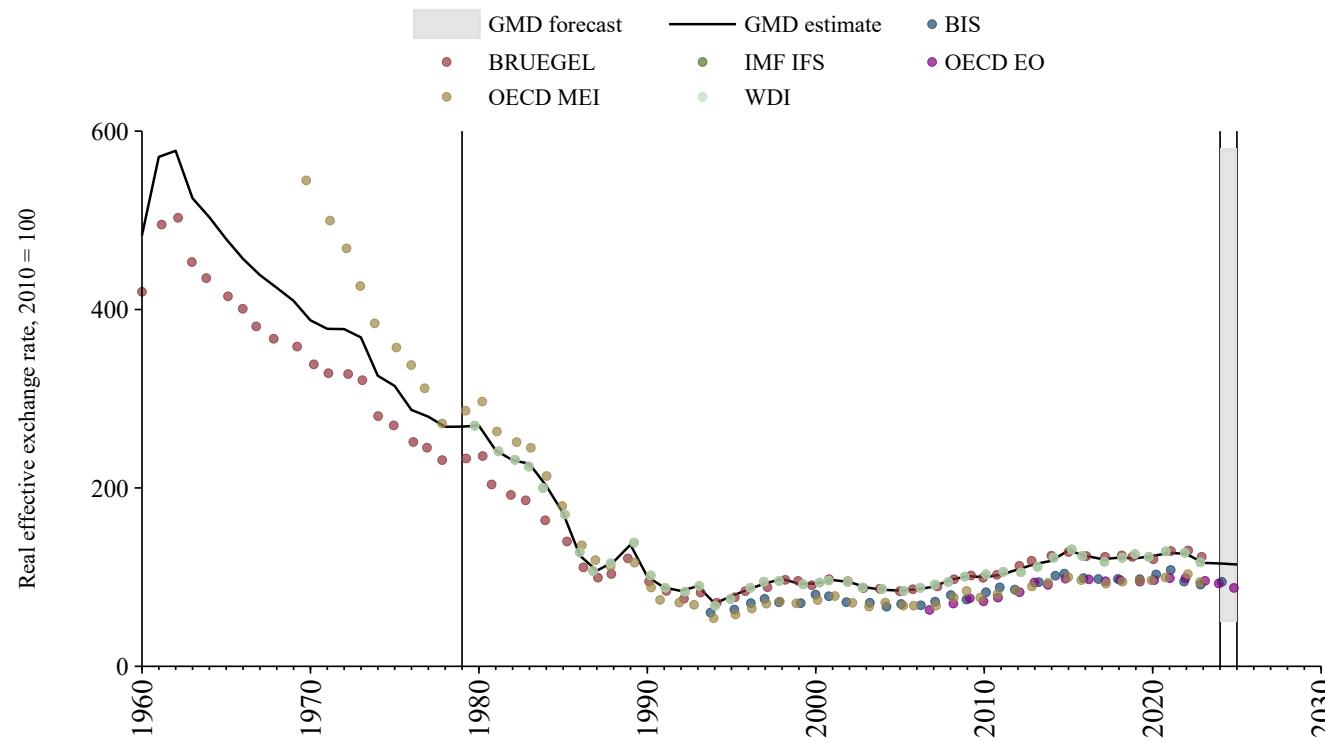
Money supply (M3)

Source	Time span	Notes
OECD (2024b)	1999 - 2022	Baseline source, overlaps with base year 2018.



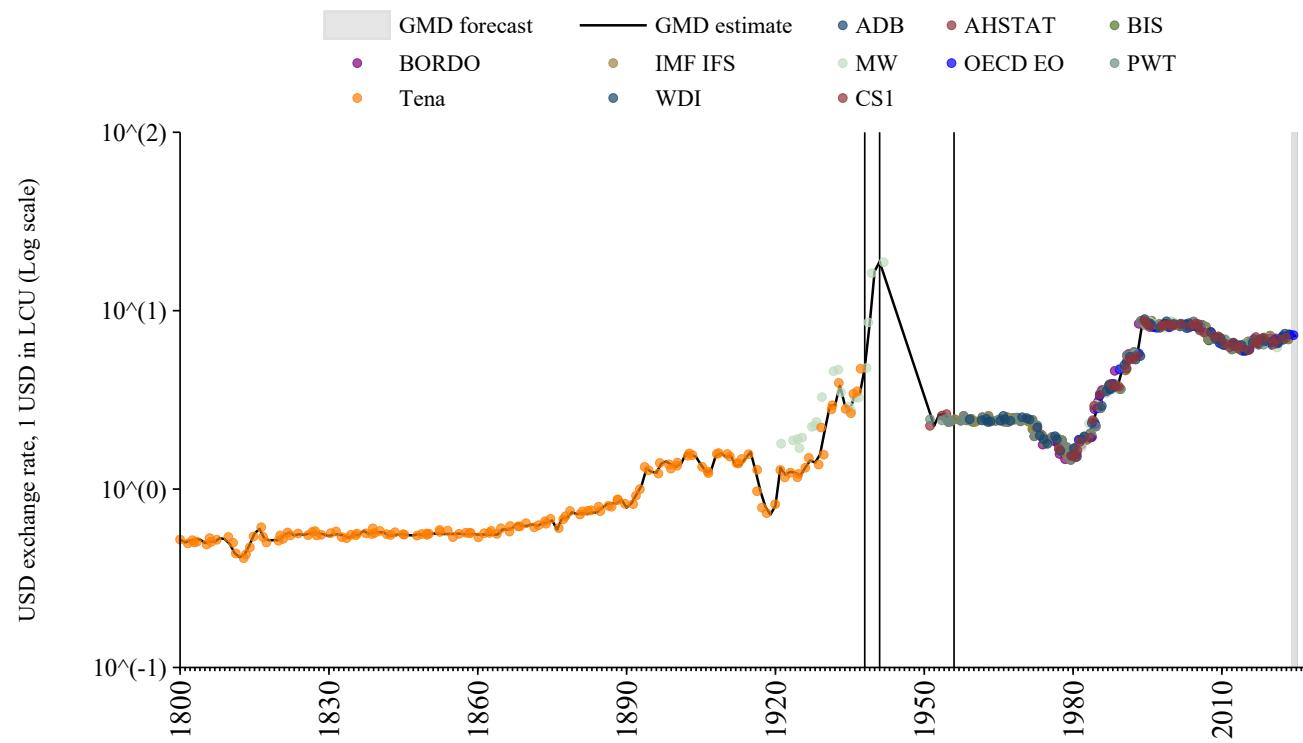
Real effective exchange rate

Source	Time span	Notes
Darvas (2021)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 115%)..
World Bank (2024)	1980 - 2023	Baseline source, overlaps with base year 2018.
Bank for International Settlements (2024)	2024 - 2024	Spliced using overlapping data in 2025: (ratio = 126%)..
OECD Economic Outlook (2024)	2025 - 2025	Spliced using overlapping data in 2026: (ratio = 126.6%)..



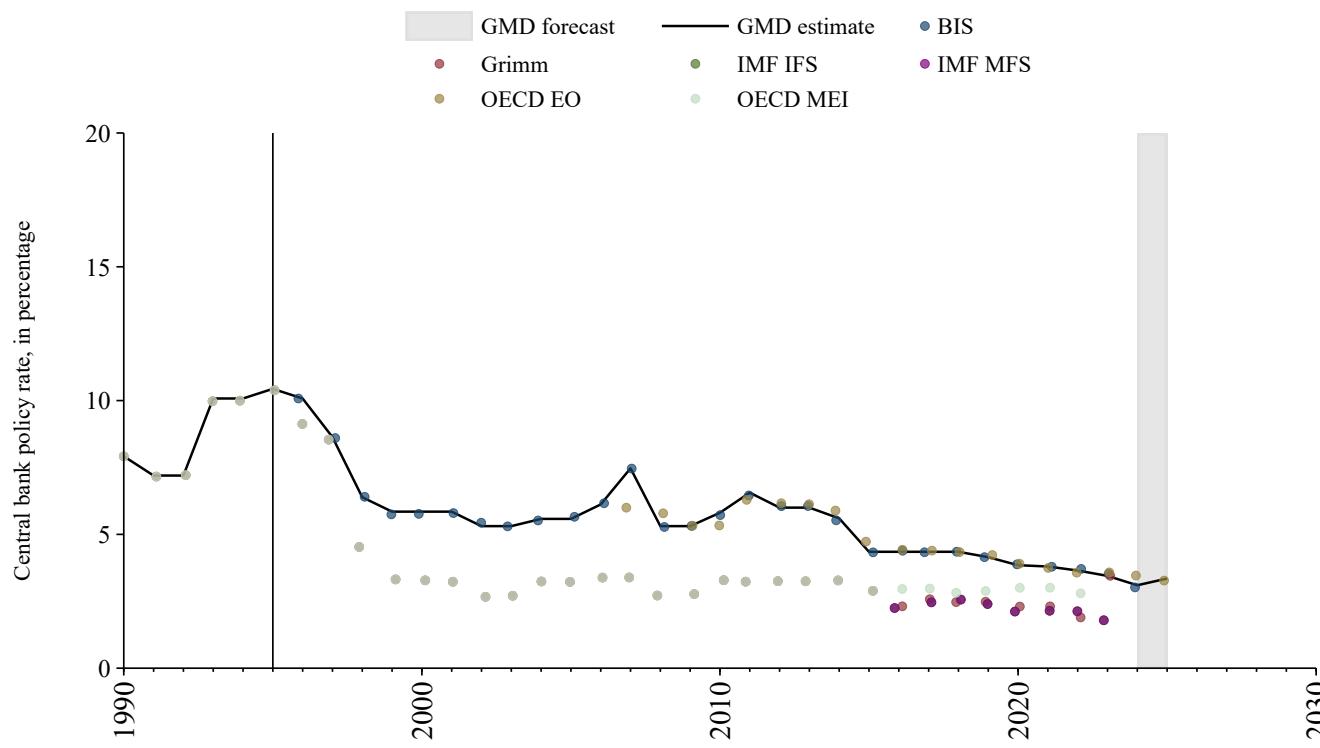
USD exchange rate

Source	Time span	Notes
Federico and Tena-Junguito (2019)	1800 - 1938	Spliced using overlapping data in 1939.
Officer and Williamson (2024)	1939 - 1941	Spliced using overlapping data in 1942.
Institute of Economic Research, Hitotsubashi University (2008)	1942 - 1956	Spliced using overlapping data in 1957.
Bank for International Settlements (2024)	1957 - 2024	Baseline source, overlaps with base year 2018.
OECD Economic Outlook (2024)	2025 - 2025	Spliced using overlapping data in 2026.



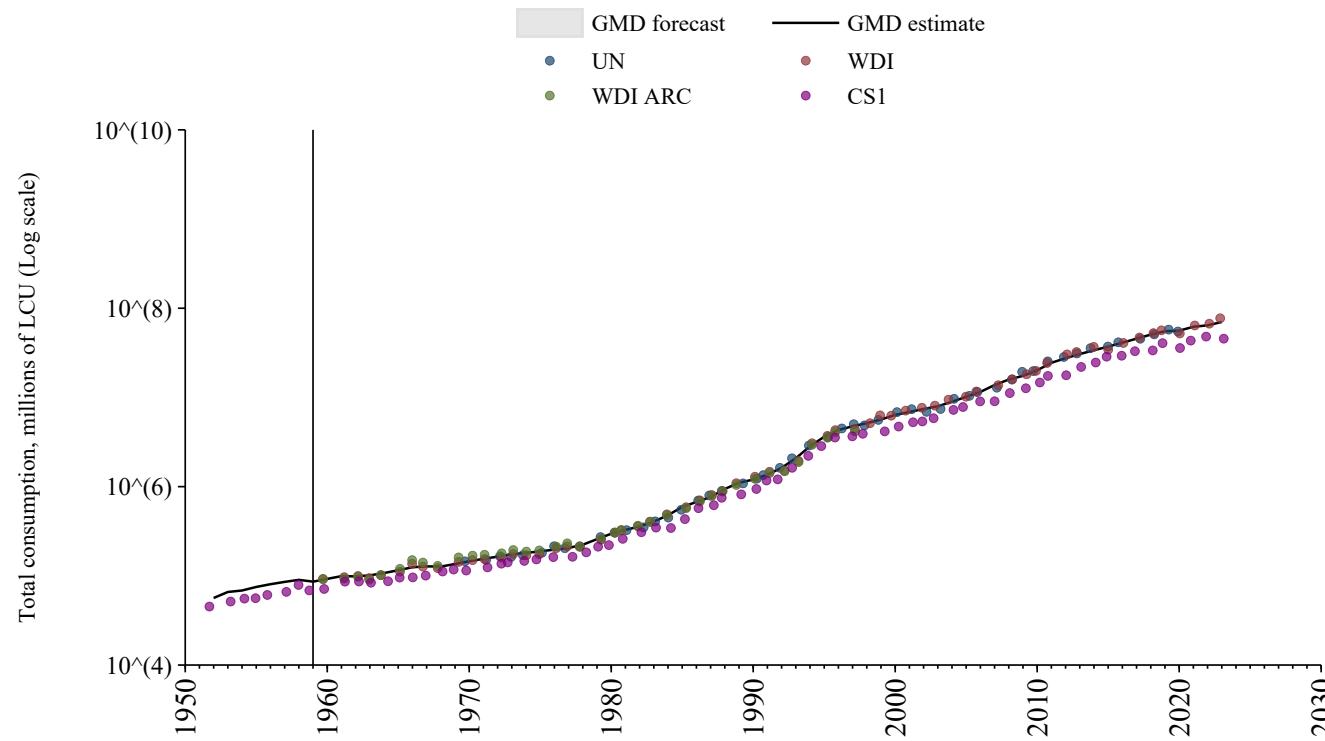
Central bank policy rate

Source	Time span	Notes
OECD (2024b)	1990 - 1995	Spliced using overlapping data in 1996.
Bank for International Settlements (2024)	1996 - 2024	Baseline source, overlaps with base year 2018.
OECD Economic Outlook (2024)	2025 - 2025	Spliced using overlapping data in 2026.



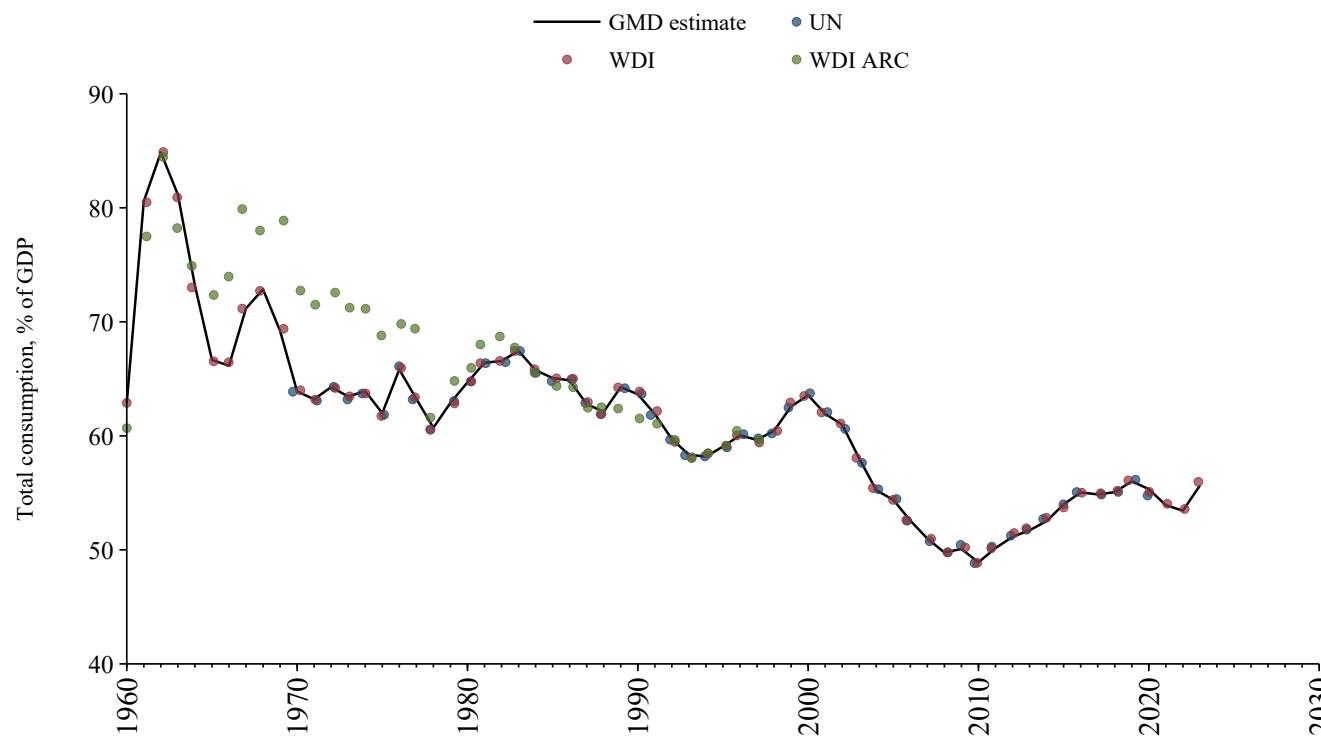
Total consumption

Source	Time span	Notes
National Bureau of Statistics of China (2024)	1952 - 1959	Spliced using overlapping data in 1960: (ratio = 124.7%)..
World Bank (2024)	1960 - 2023	Baseline source, overlaps with base year 2018.



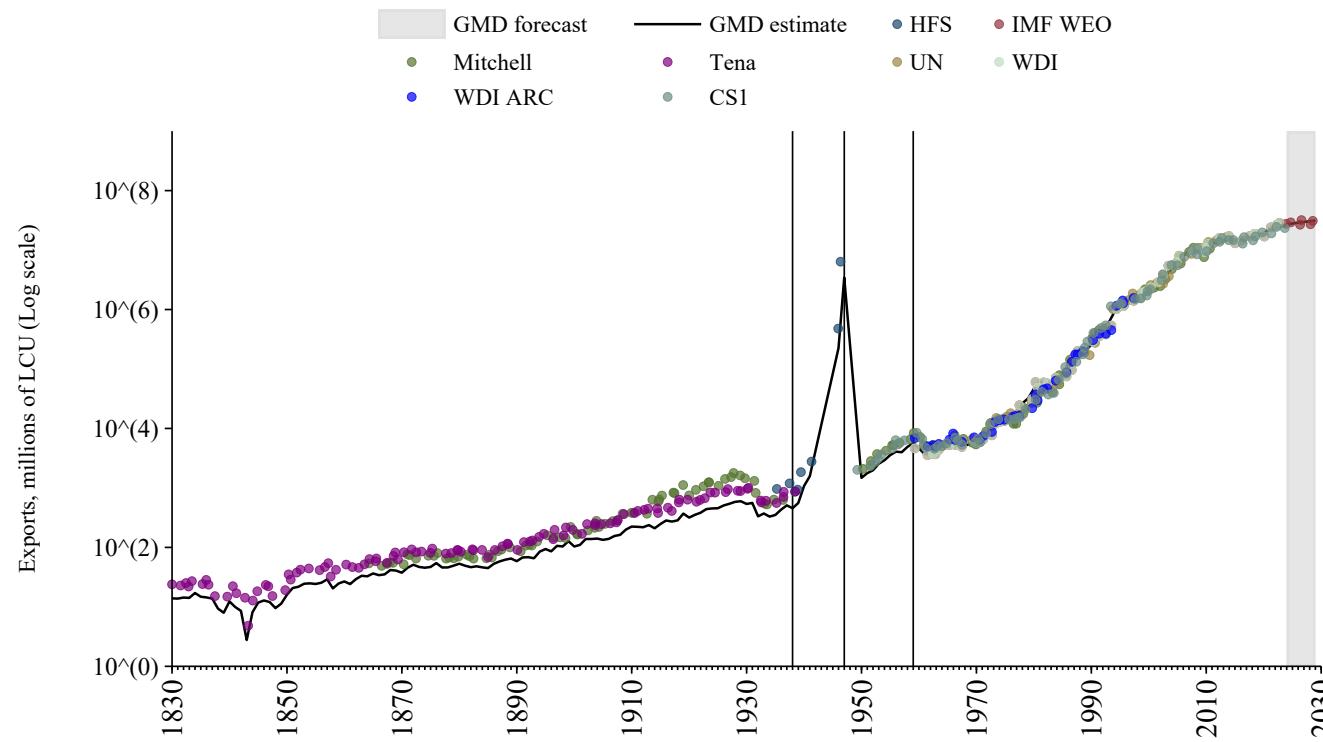
Total consumption to GDP ratio

Source	Time span	Notes
World Bank (2024)	1960 - 2023	Baseline source, overlaps with base year 2018.



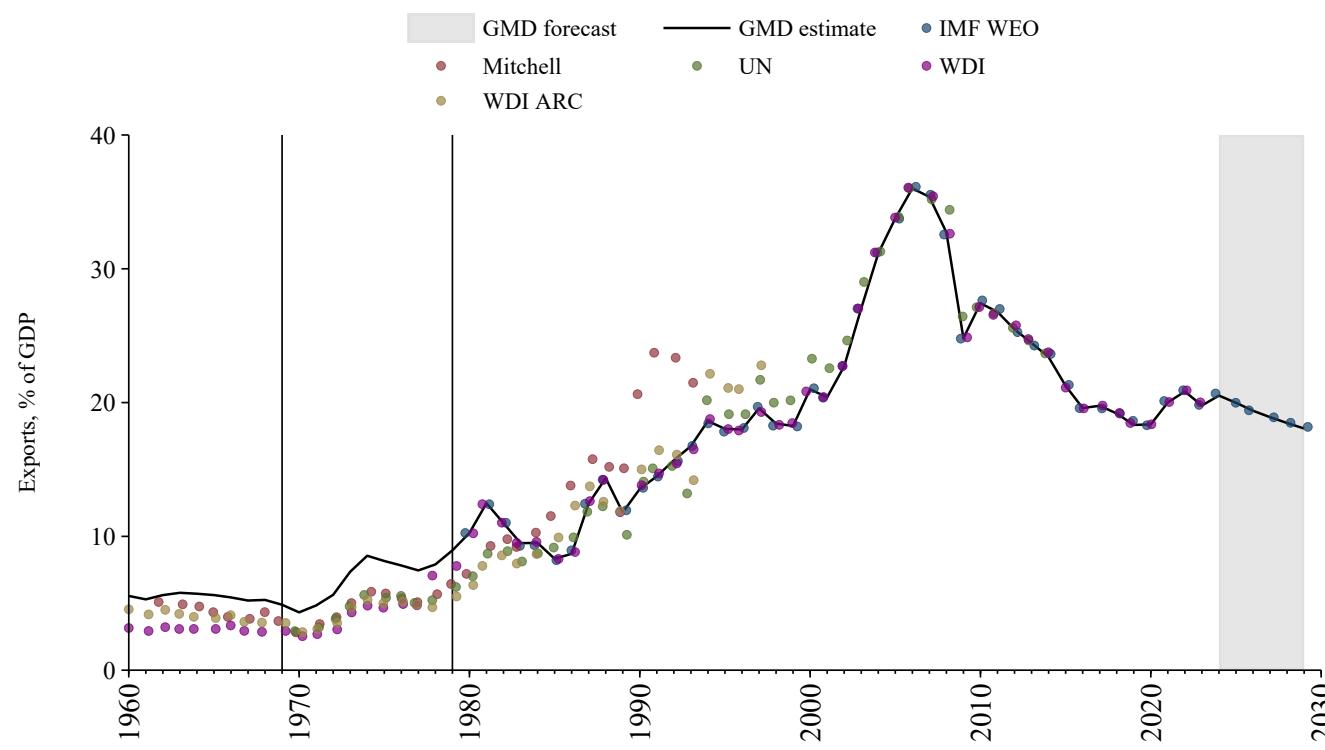
Exports

Source	Time span	Notes
Federico and Tena-Junguito (2019)	1830 - 1938	Spliced using overlapping data in 1939: (ratio = 58%)..
Schuler (2015)	1939 - 1947	Spliced using overlapping data in 1948: (ratio = 53.6%)..
National Bureau of Statistics of China (2024)	1948 - 1959	Spliced using overlapping data in 1960: (ratio = 73.2%)..
WEO (2024)	1960 - 2029	Baseline source, overlaps with base year 2018.



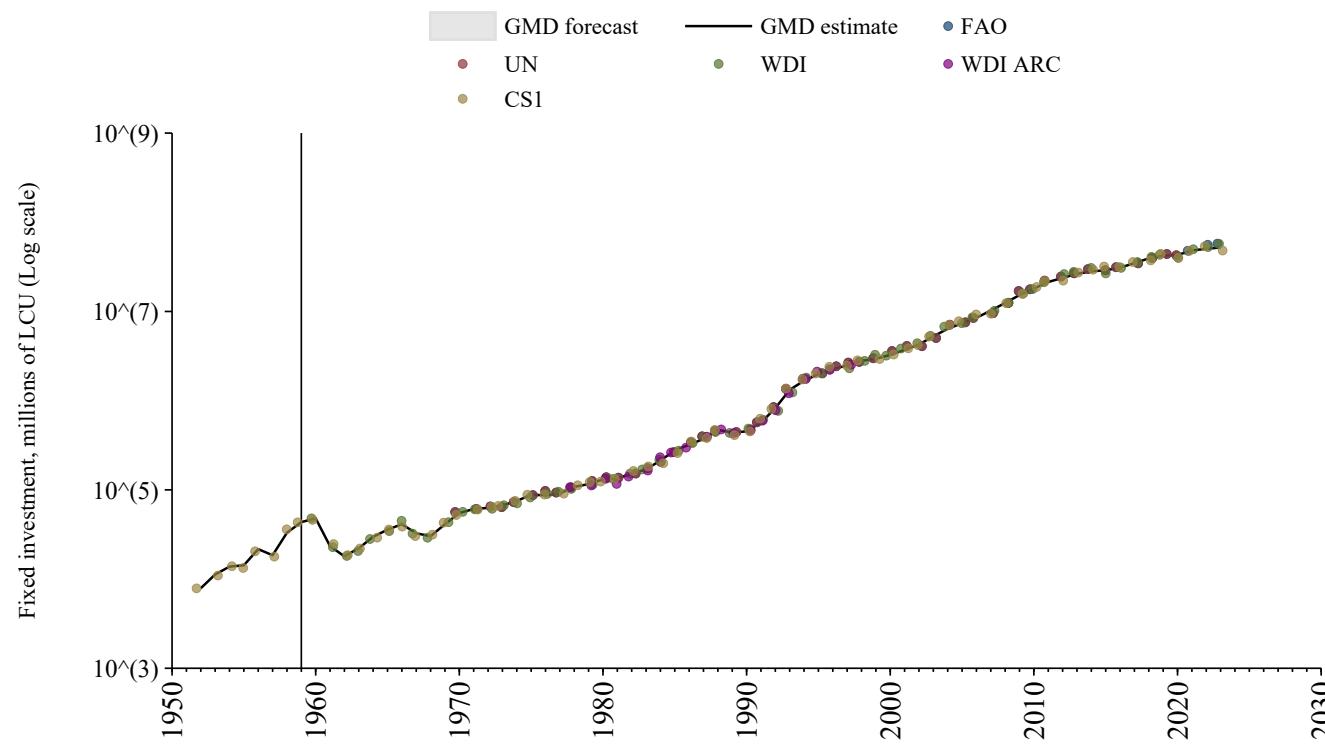
Exports to GDP ratio

Source	Time span	Notes
World Bank (2024)	1960 - 1969	Spliced using overlapping data in 1970: (ratio = 176%)..
United Nations (2024)	1970 - 1979	Spliced using overlapping data in 1980: (ratio = 147.8%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



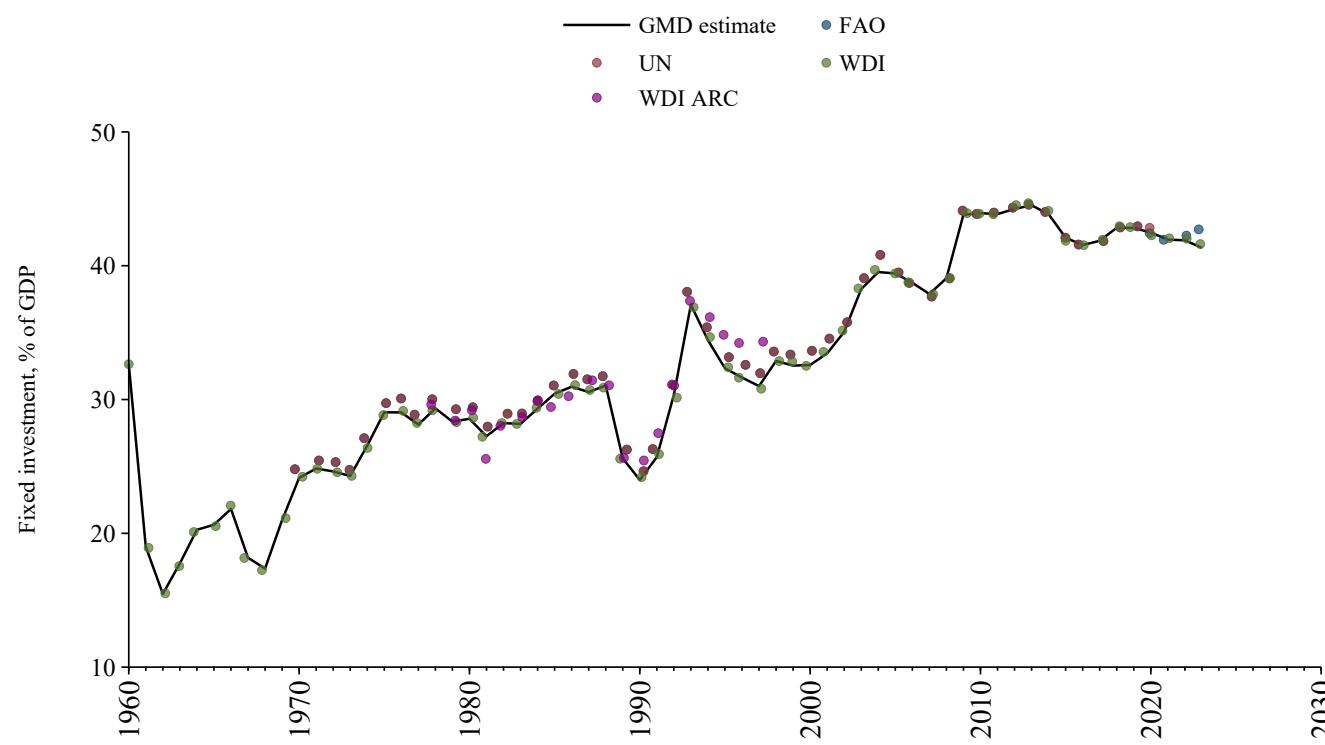
Fixed investment

Source	Time span	Notes
National Bureau of Statistics of China (2024)	1952 - 1959	Spliced using overlapping data in 1960.
World Bank (2024)	1960 - 2023	Baseline source, overlaps with base year 2018.



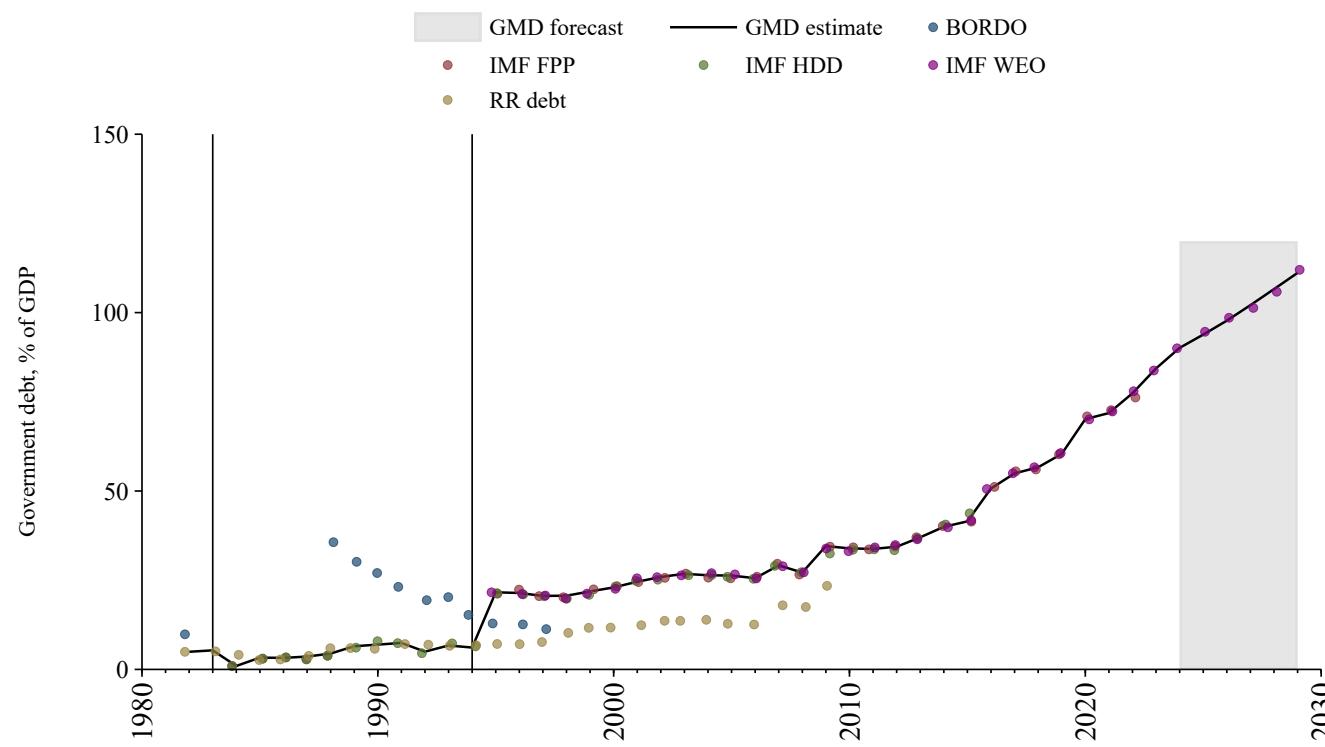
Fixed investment to GDP ratio

Source	Time span	Notes
World Bank (2024)	1960 - 2023	Baseline source, overlaps with base year 2018.



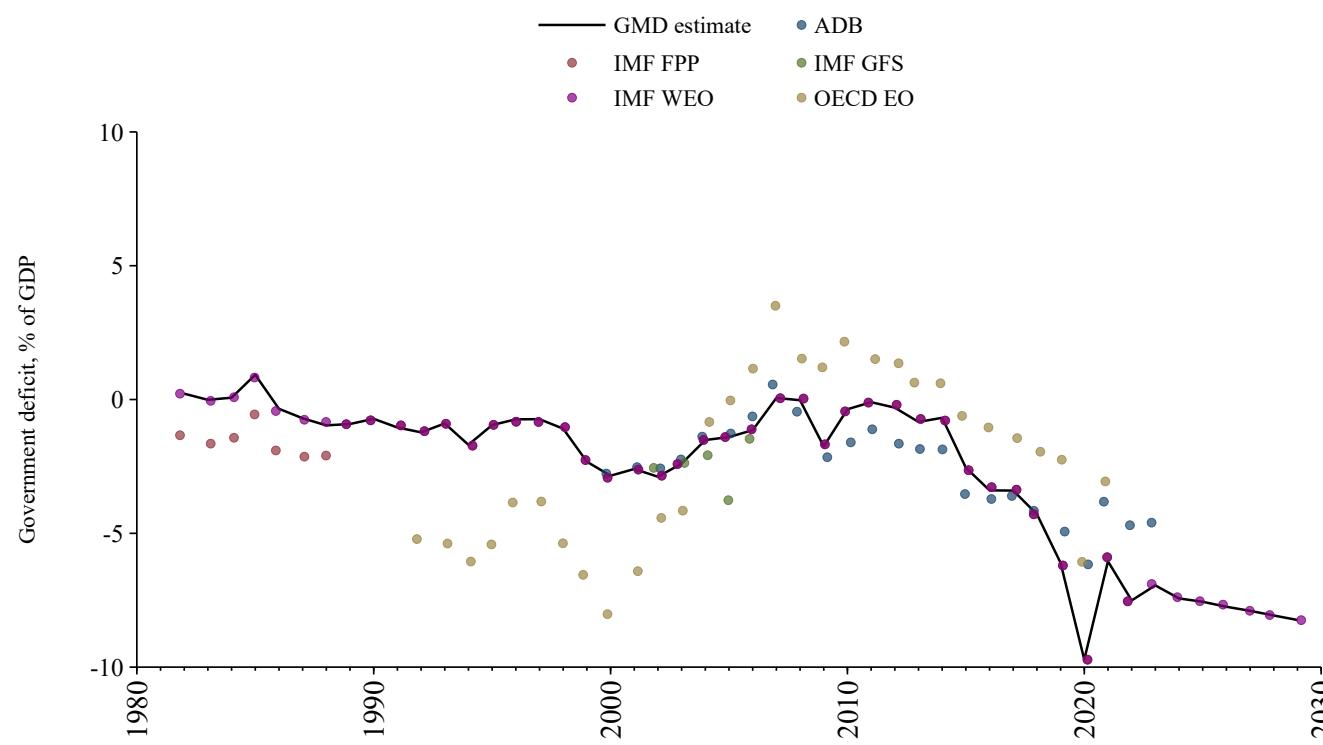
Government debt

Source	Time span	Notes
Reinhart and Rogoff (2010)	1982 - 1983	Spliced using overlapping data in 1984.
International Monetary Fund (2010)	1984 - 1994	Spliced using overlapping data in 1995. Data refers to general government.
WEO (2024)	1995 - 2029	Baseline source, overlaps with base year 2018. Data refers to general government.



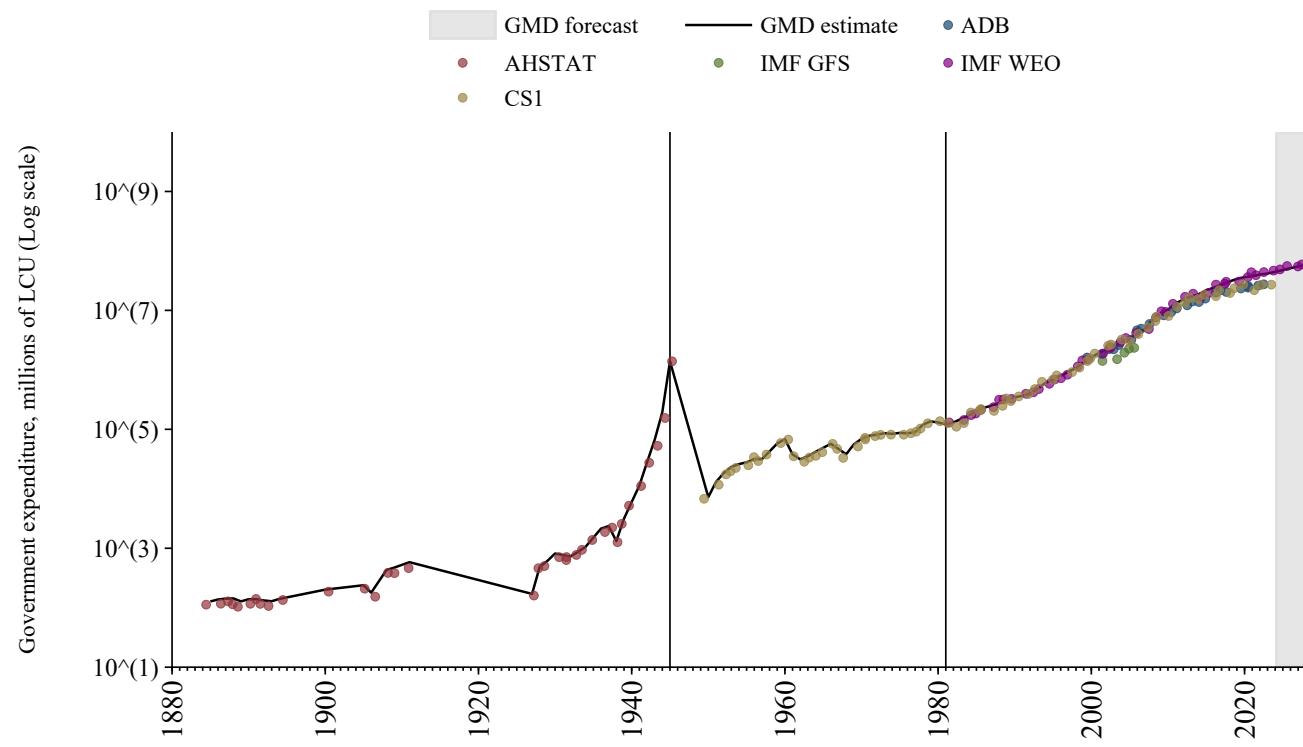
Government deficit

Source	Time span	Notes
WEO (2024)	1982 - 2029	Baseline source, overlaps with base year 2018.



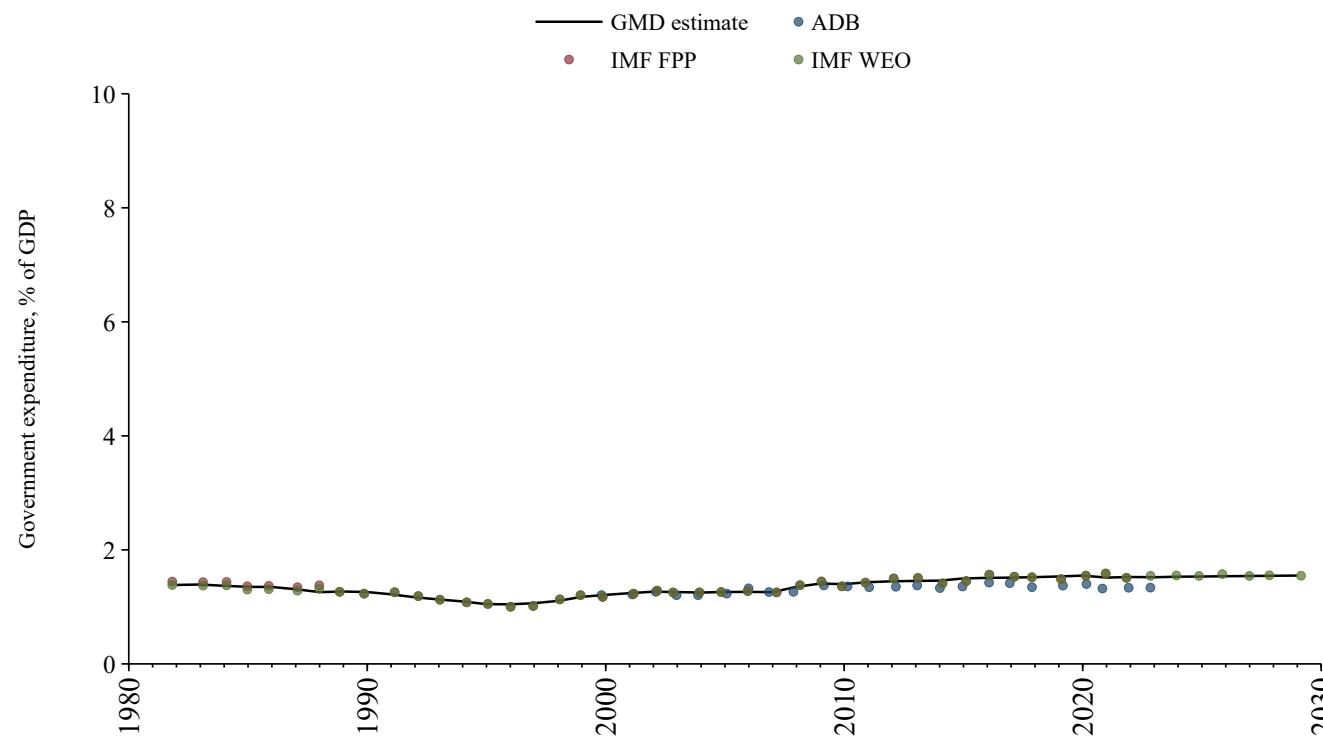
Government expenditure

Source	Time span	Notes
Institute of Economic Research, Hitotsubashi University (2008)	1885 - 1945	Spliced using overlapping data in 1946: (ratio = 113%).. Data refers to central government.
National Bureau of Statistics of China (2024)	1946 - 1981	Spliced using overlapping data in 1982: (ratio = 106.3%).. Data refers to general government.
WEO (2024)	1982 - 2029	Baseline source, overlaps with base year 2018. Data refers to general government.



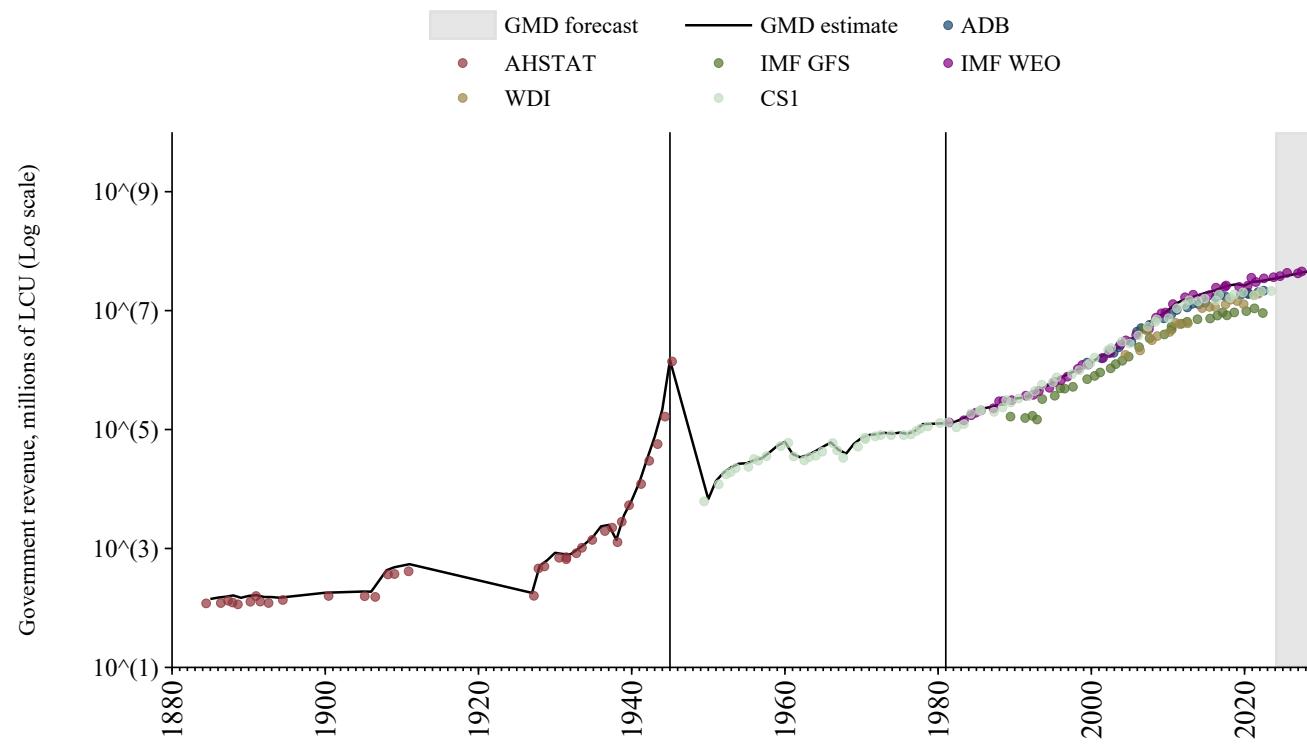
Government expenditure to GDP ratio

Source	Time span	Notes
WEO (2024)	1982 - 2029	Baseline source, overlaps with base year 2018. Data refers to general government.



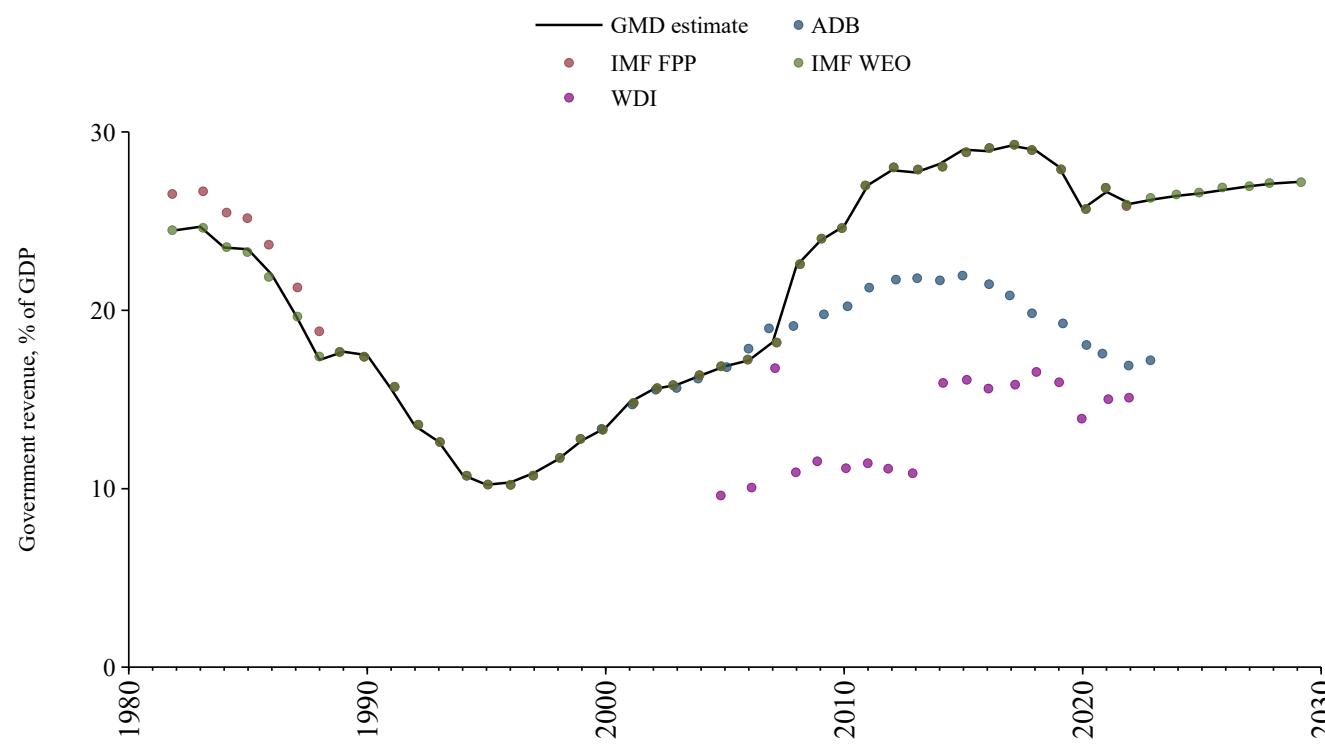
Government revenue

Source	Time span	Notes
Institute of Economic Research, Hitotsubashi University (2008)	1885 - 1945	Spliced using overlapping data in 1946: (ratio = 118.5%).. Data refers to central government.
National Bureau of Statistics of China (2024)	1946 - 1981	Spliced using overlapping data in 1982: (ratio = 108.8%)..
WEO (2024)	1982 - 2029	Baseline source, overlaps with base year 2018. Data refers to general government.



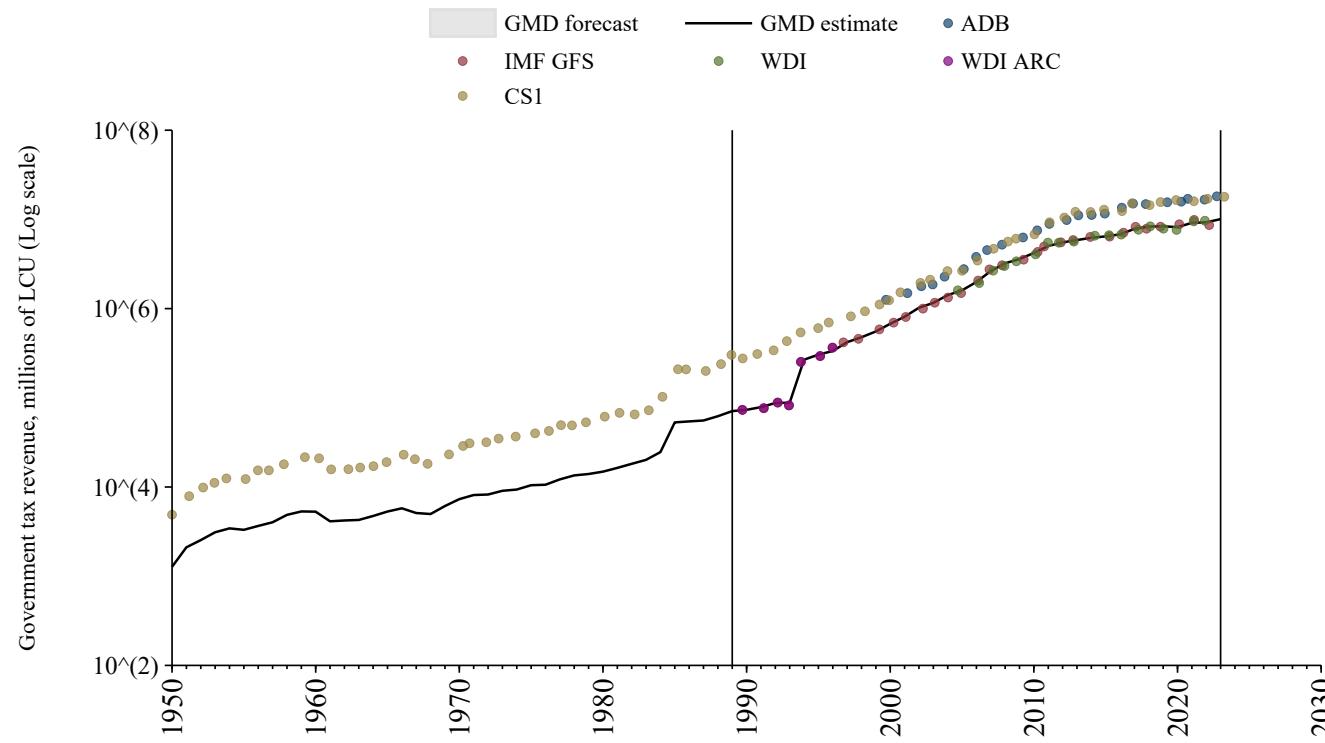
Government revenue to GDP ratio

Source	Time span	Notes
WEO (2024)	1982 - 2029	Baseline source, overlaps with base year 2018. Data refers to general government.



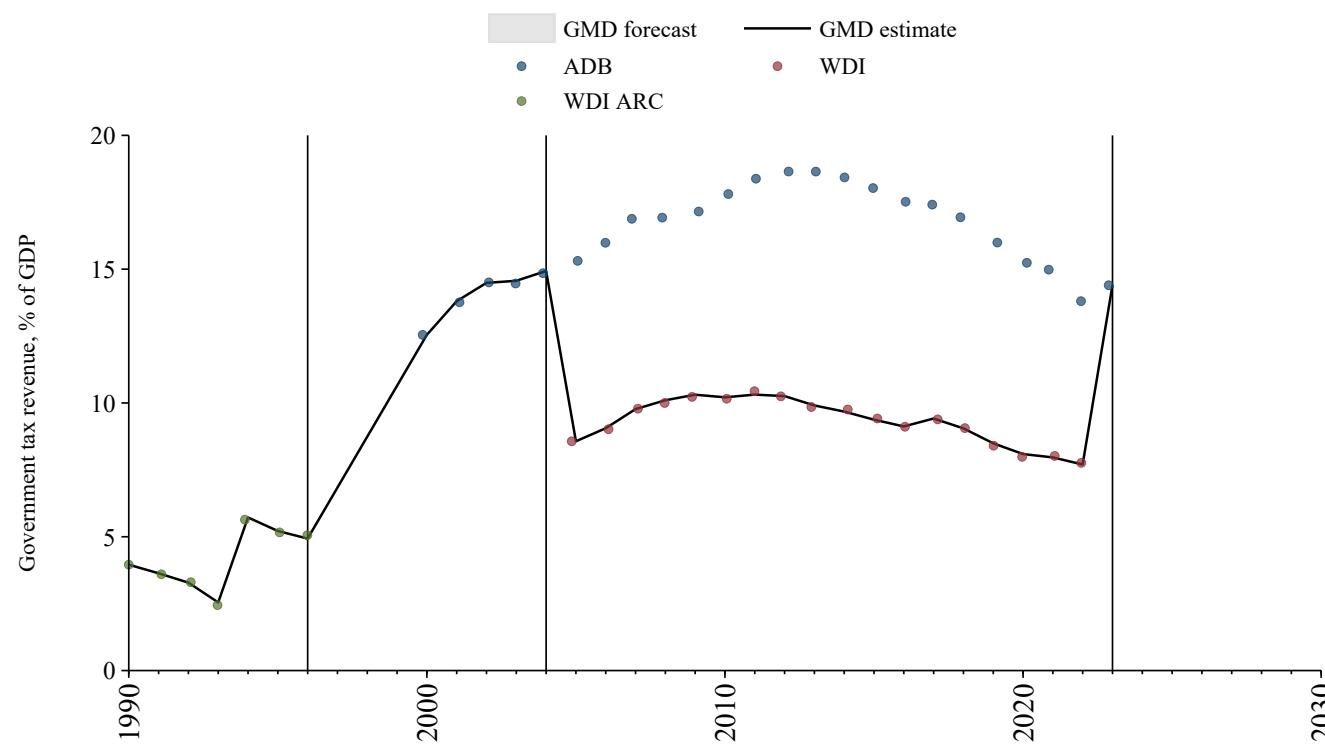
Government tax revenue

Source	Time span	Notes
National Bureau of Statistics of China (2024)	1950 - 1989	Spliced using overlapping data in 1990: (ratio = 26%).. Data refers to general government.
International Monetary Fund (2024a)	1990 - 2022	Baseline source, overlaps with base year 2018. Data refers to central government.
National Bureau of Statistics of China (2024)	2023 - 2023	Spliced using overlapping data in 2024: (ratio = 55.7%).. Data refers to general government.



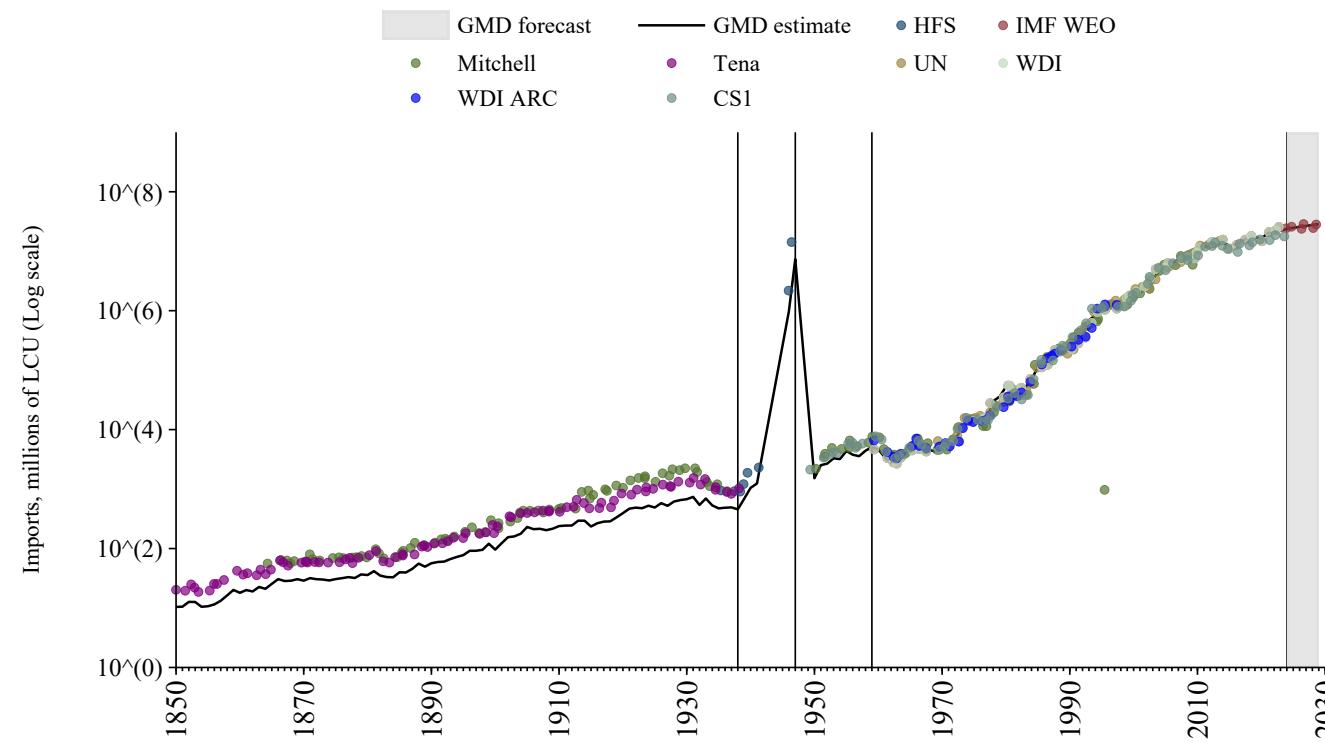
Government tax revenue to GDP ratio

Source	Time span	Notes
World Bank (Archives) (1999)	1990 - 1996	Spliced using overlapping data in 1997. Data refers to central government.
Asian Development Bank (2024)	1997 - 2004	Spliced using overlapping data in 2005. Data refers to general government.
World Bank (2024)	2005 - 2022	Baseline source, overlaps with base year 2018. Data refers to central government.
Asian Development Bank (2024)	2023 - 2023	Spliced using overlapping data in 2024. Data refers to general government.



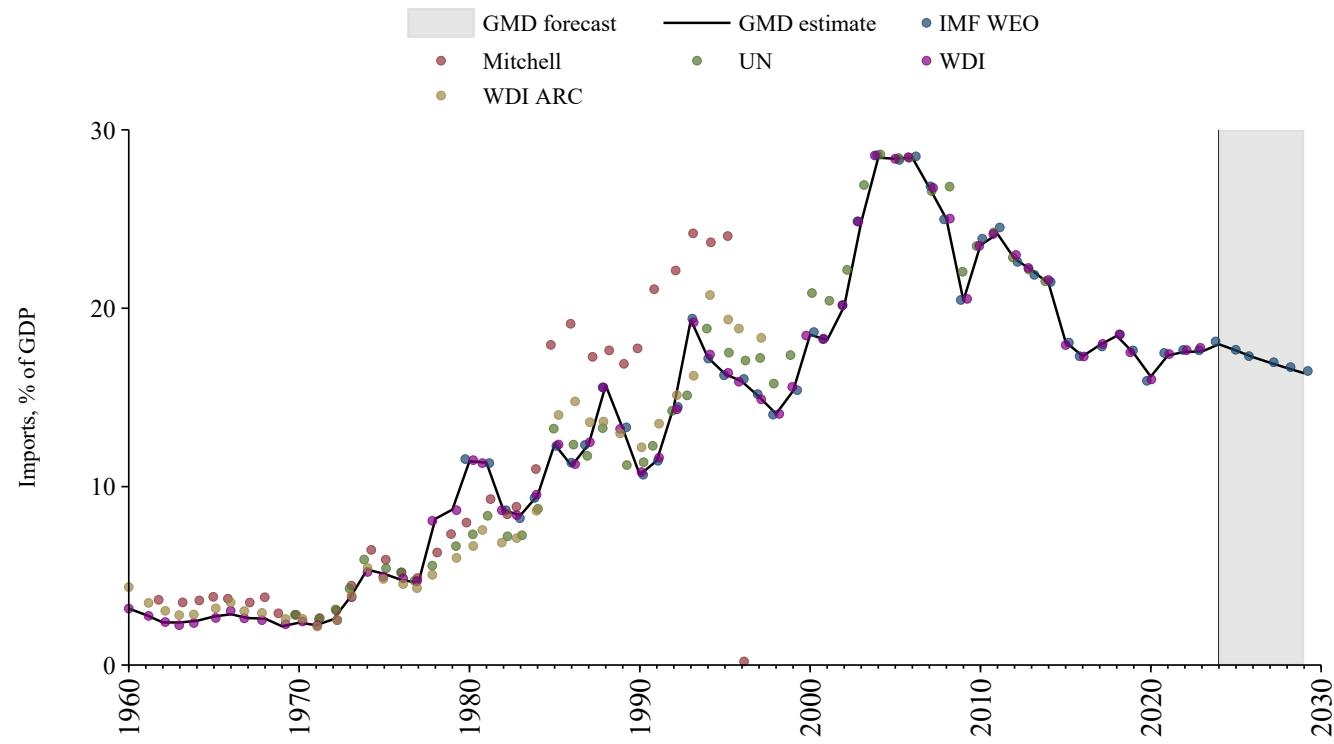
Imports

Source	Time span	Notes
Federico and Tena-Junguito (2019)	1850 - 1938	Spliced using overlapping data in 1939: (ratio = 51.6%)..
Schuler (2015)	1939 - 1947	Spliced using overlapping data in 1948: (ratio = 51.1%)..
National Bureau of Statistics of China (2024)	1948 - 1959	Spliced using overlapping data in 1960: (ratio = 71.5%)..
World Bank (2024)	1960 - 2023	Baseline source, overlaps with base year 2018.
WEO (2024)	2024 - 2029	Spliced using overlapping data in 2030.



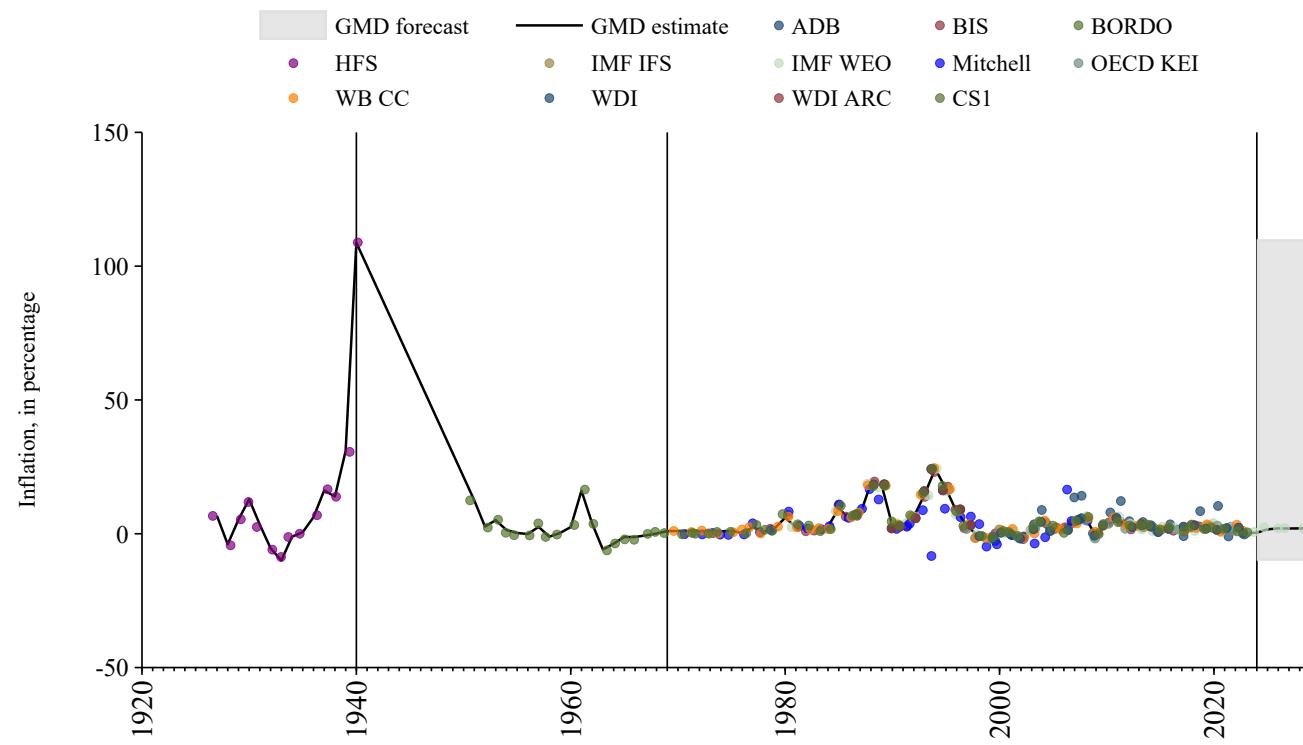
Imports to GDP ratio

Source	Time span	Notes
World Bank (2024)	1960 - 2023	Baseline source, overlaps with base year 2018.
WEO (2024)	2024 - 2029	Spliced using overlapping data in 2030: (ratio = 99.8%)..



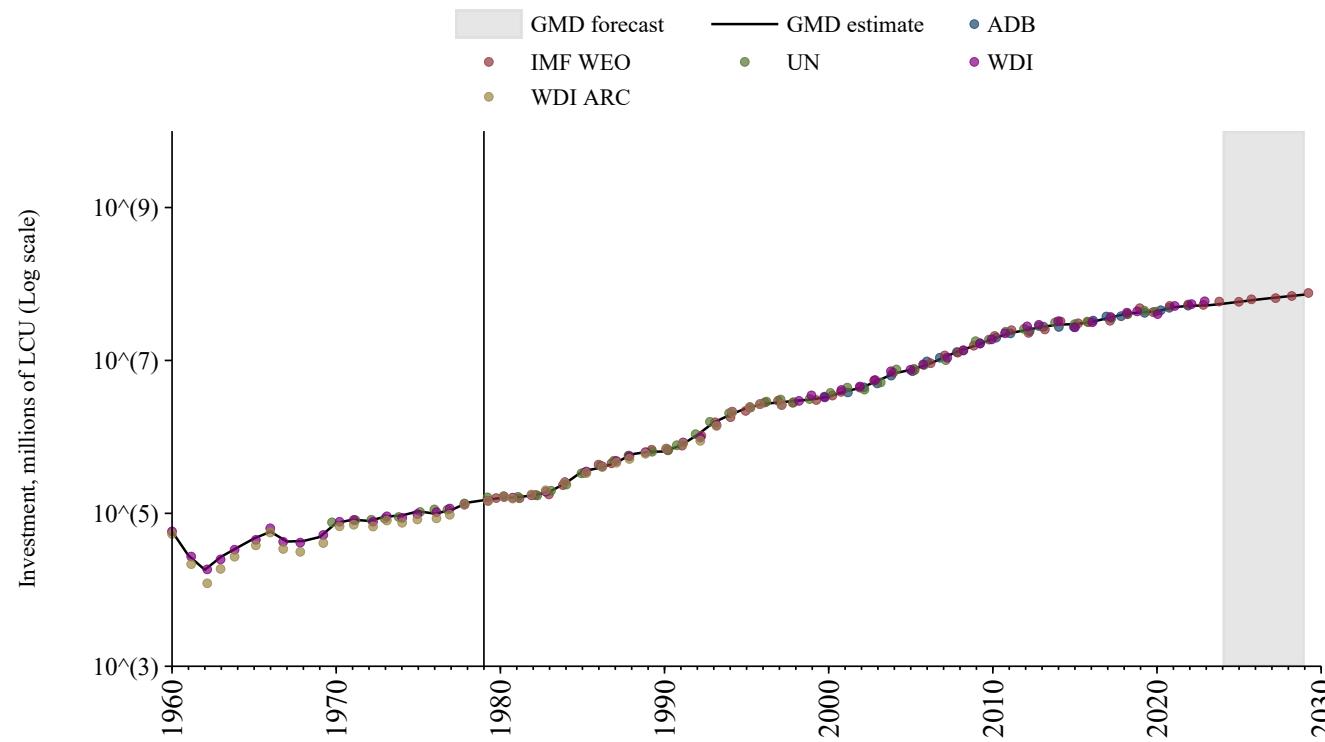
Inflation

Source	Time span	Notes
Schuler (2015)	1927 - 1940	Spliced using overlapping data in 1941.
National Bureau of Statistics of China (2024)	1941 - 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.



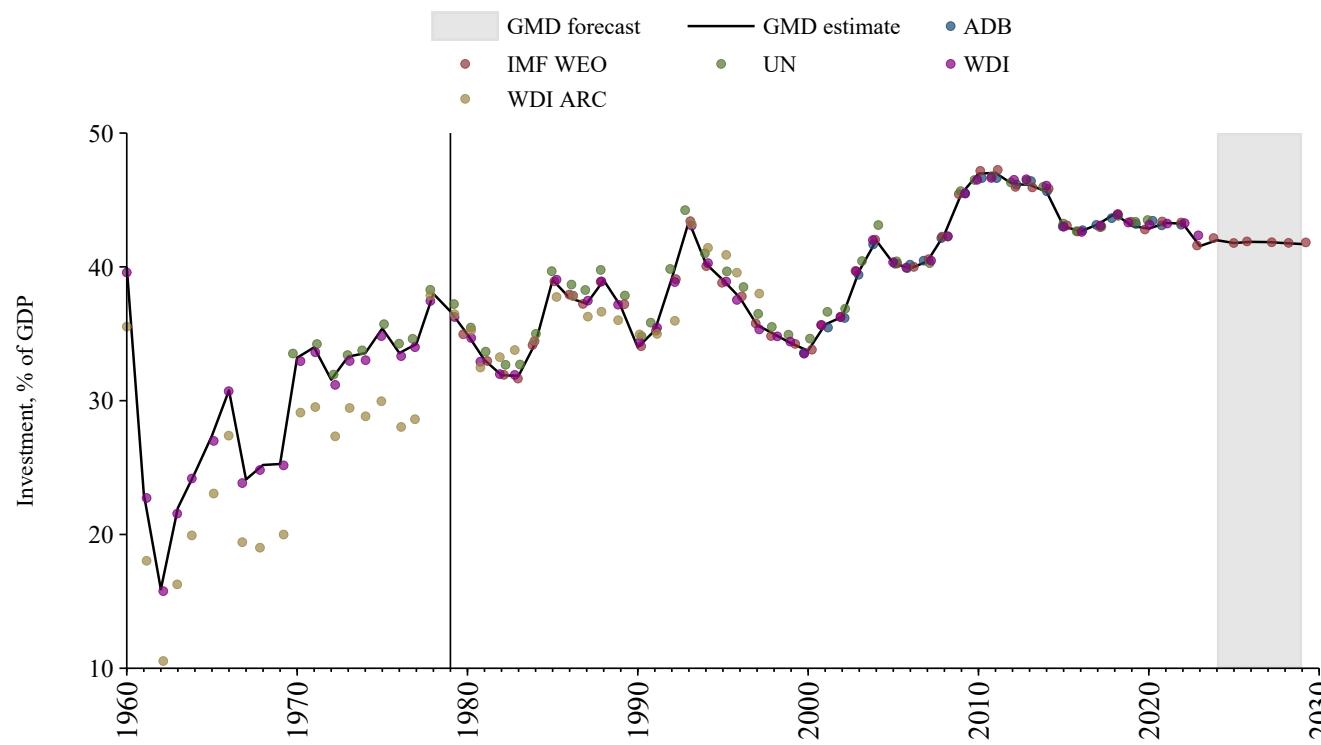
Investment

Source	Time span	Notes
World Bank (2024)	1960 - 1979	Spliced using overlapping data in 1980.
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



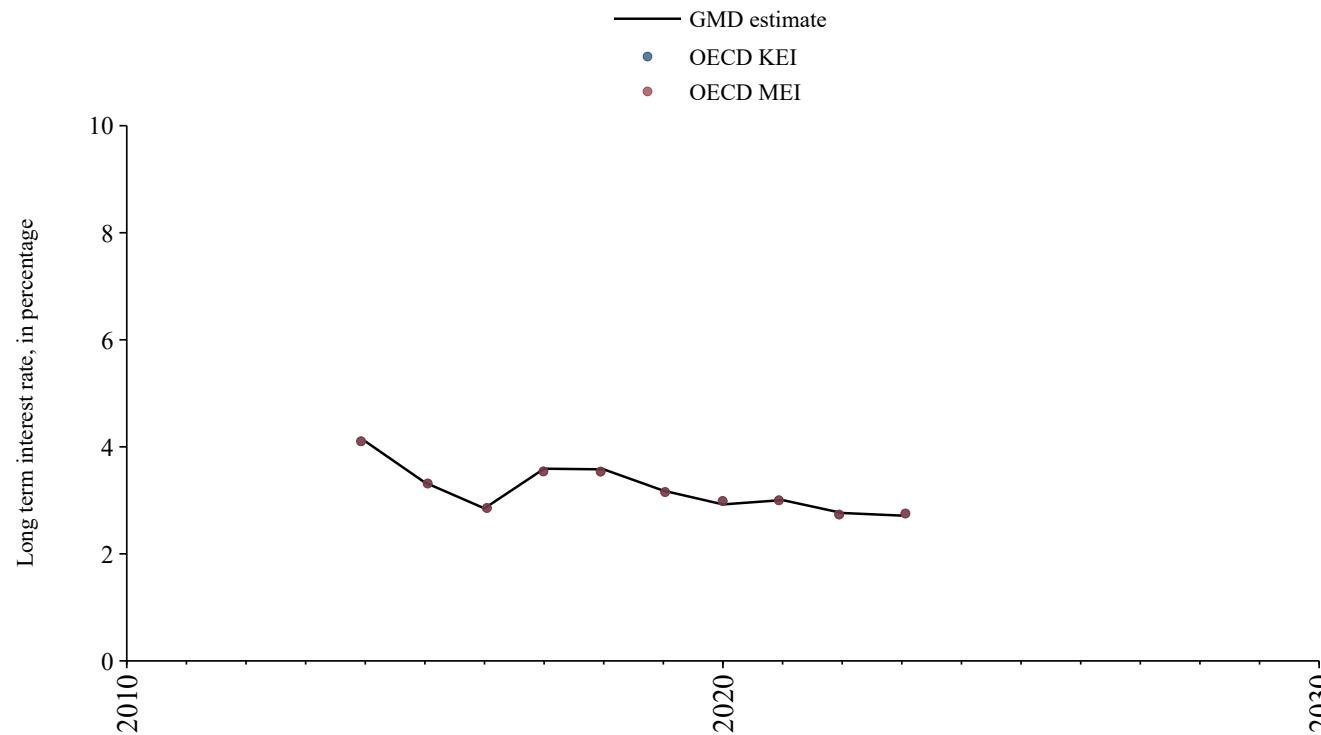
Investment to GDP ratio

Source	Time span	Notes
World Bank (2024)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 101%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



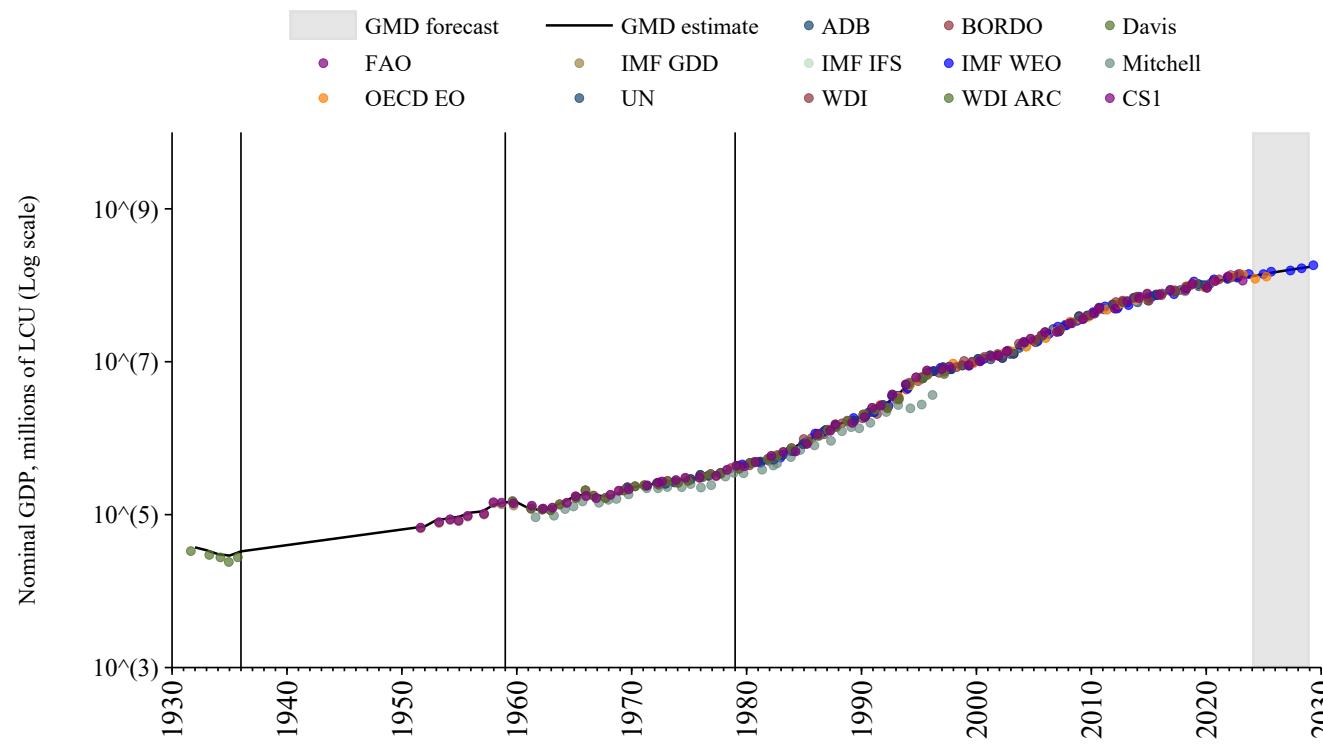
Long term interest rate

Source	Time span	Notes
OECD (2024b)	2014 - 2023	Baseline source, overlaps with base year 2018.



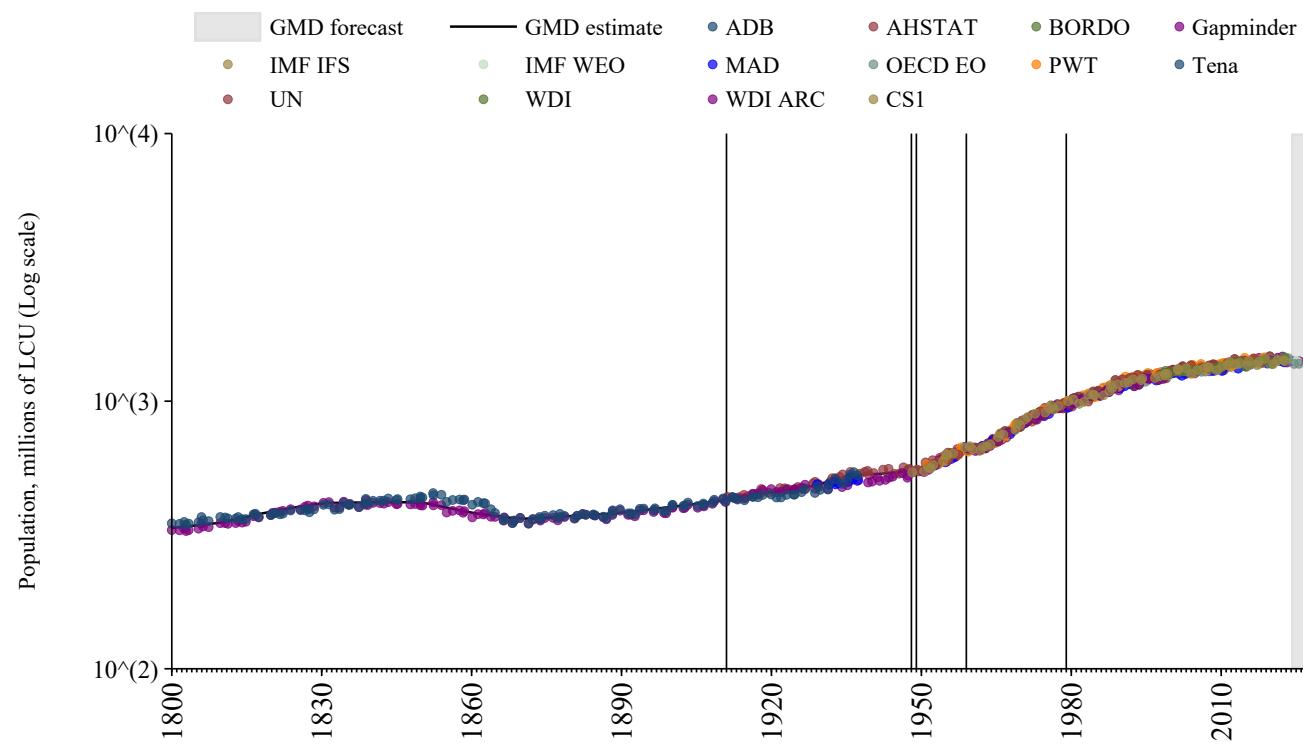
Nominal GDP

Source	Time span	Notes
University of California Davis (2024)	1932 - 1936	Spliced using overlapping data in 1937: (ratio = 111.7%)..
Mbaye et al. (2018)	1937 - 1959	Spliced using overlapping data in 1960: (ratio = 105.7%)..
World Bank (2024)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 99%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



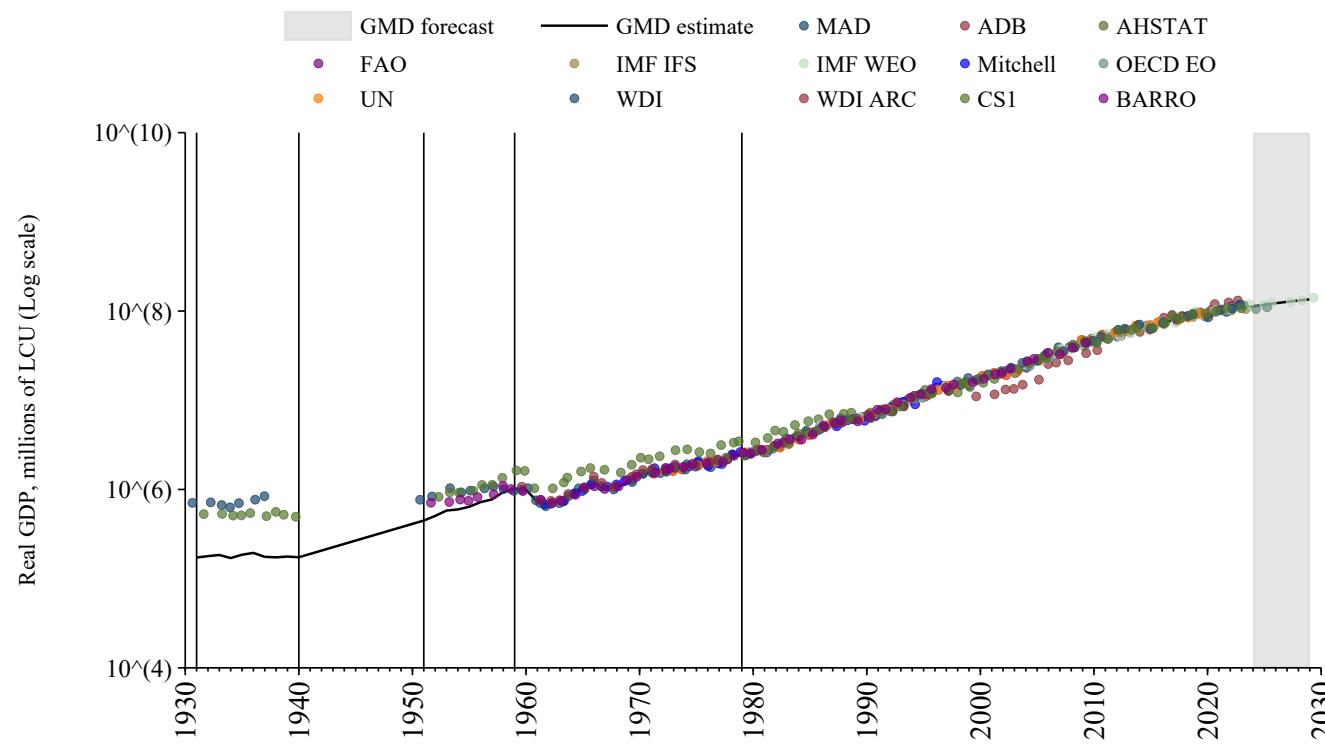
Population

Source	Time span	Notes
Gapminder (2024)	1800 - 1911	Spliced using overlapping data in 1912: (ratio = 101.7%)..
Institute of Economic Research, Hitotsubashi University (2008)	1912 - 1948	Spliced using overlapping data in 1949: (ratio = 98.9%)..
National Bureau of Statistics of China (2024)	1949 - 1949	Spliced using overlapping data in 1950: (ratio = 102.1%)..
International Monetary Fund (2024b)	1950 - 1959	Spliced using overlapping data in 1960: (ratio = 101.6%)..
World Bank (2024)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 100.6%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.
Gapminder (2024)	2030 - 2030	Spliced using overlapping data in 2031: (ratio = 100.1%)..



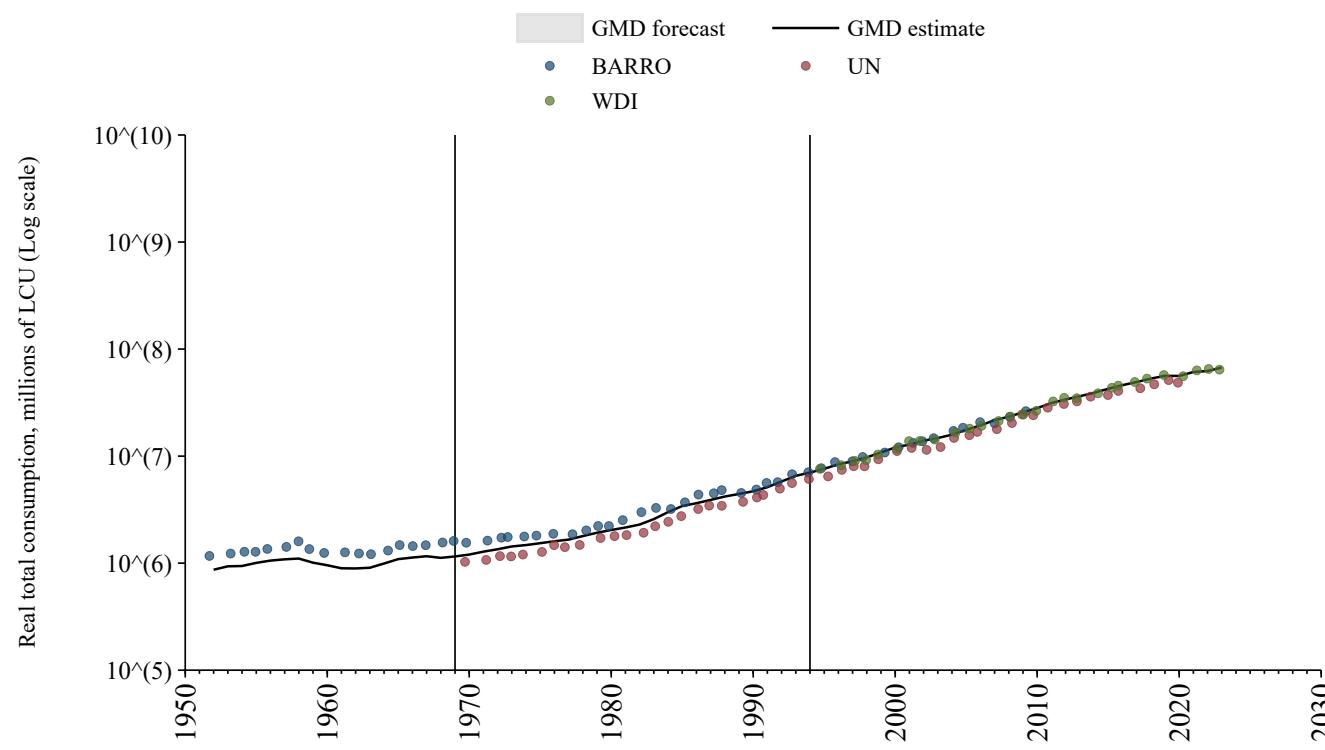
Real GDP

Source	Time span	Notes
Bolt et al. (2018)	1931 - 1931	Spliced using overlapping data in 1932: (ratio = 24.3%)..
Institute of Economic Research, Hitotsubashi University (2008)	1932 - 1940	Spliced using overlapping data in 1941: (ratio = 33.8%)..
Bolt et al. (2018)	1941 - 1951	Spliced using overlapping data in 1952: (ratio = 58.1%)..
Institute of Economic Research, Hitotsubashi University (2008)	1952 - 1959	Spliced using overlapping data in 1960: (ratio = 64.4%)..
World Bank (2024)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 100.3%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



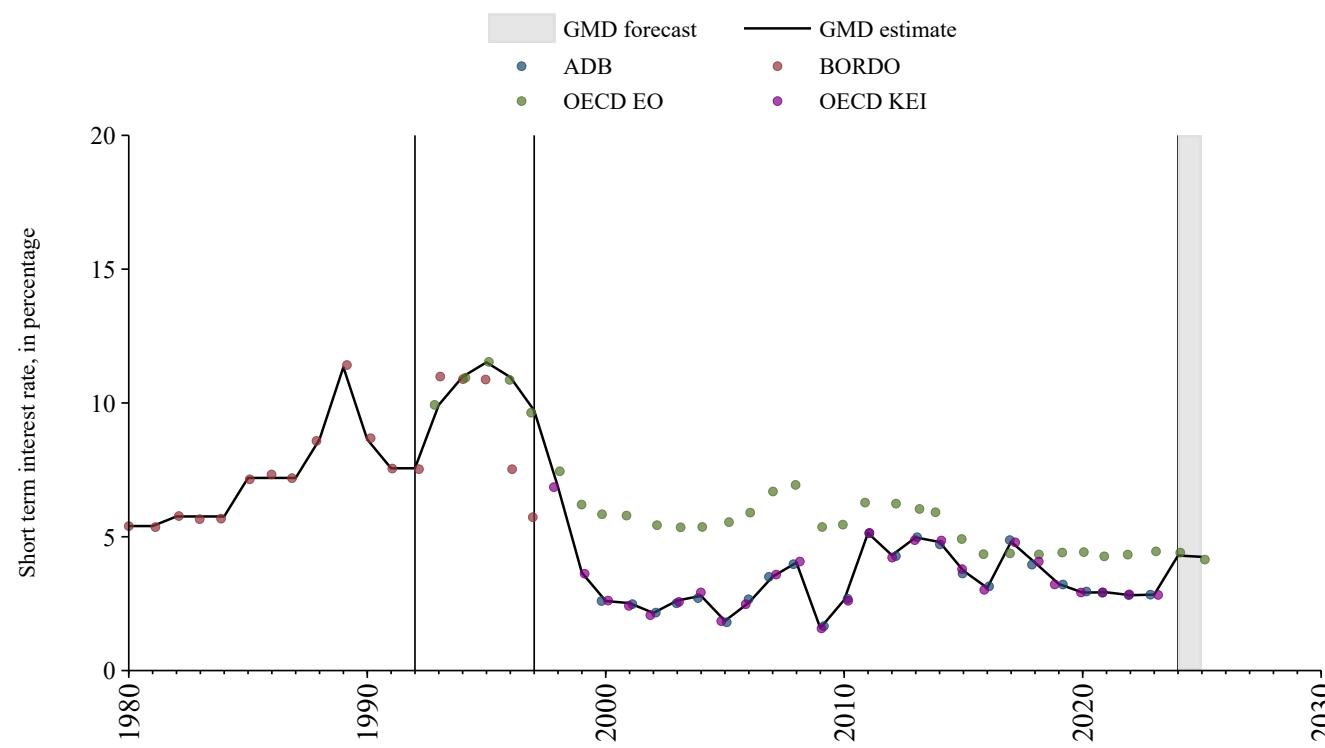
Real total consumption

Source	Time span	Notes
Barro and Redlick (2011)	1952 - 1969	Spliced using overlapping data in 1970: (ratio = 74.3%)..
United Nations (2024)	1970 - 1994	Spliced using overlapping data in 1995: (ratio = 117%)..
World Bank (2024)	1995 - 2023	Baseline source, overlaps with base year 2018.



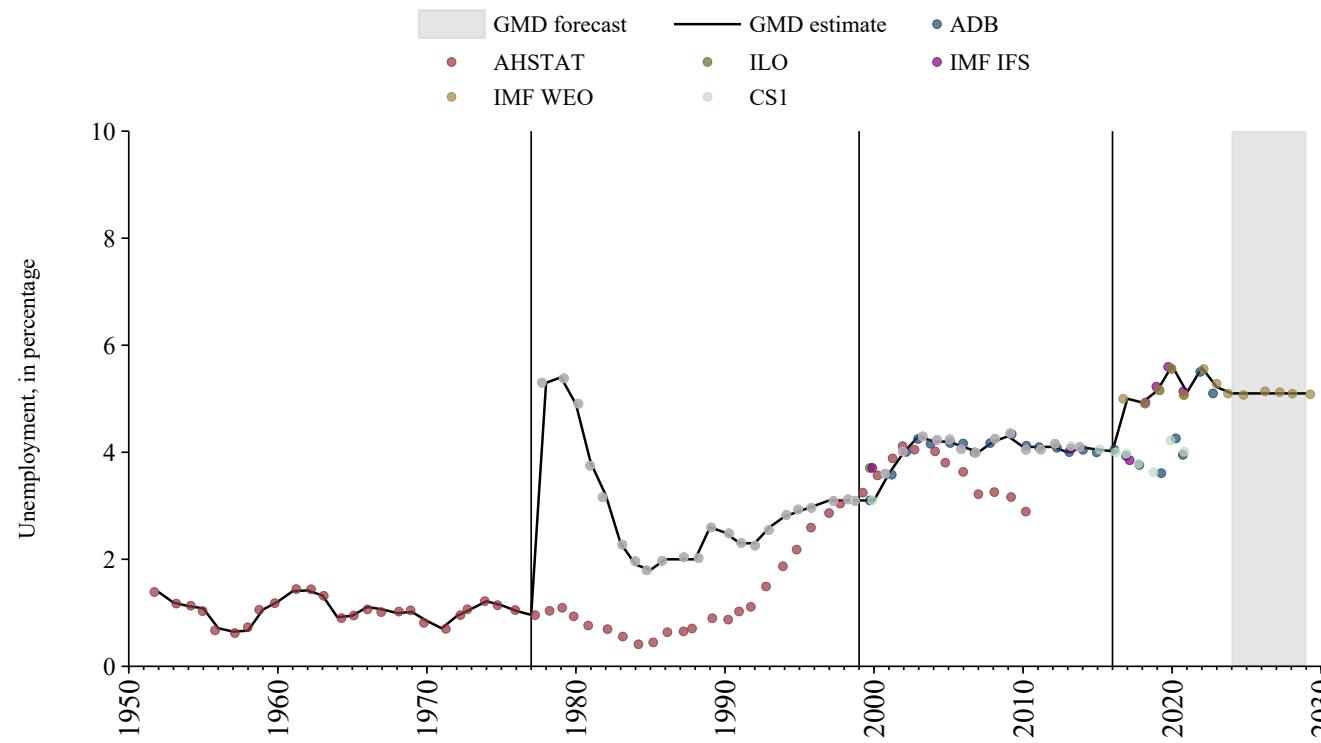
Short term interest rate

Source	Time span	Notes
Bordo et al. (2001)	1980 - 1992	Spliced using overlapping data in 1993.
OECD Economic Outlook (2024)	1993 - 1997	Spliced using overlapping data in 1998.
OECD (2024a)	1998 - 2023	Baseline source, overlaps with base year 2018.
OECD Economic Outlook (2024)	2024 - 2025	Spliced using overlapping data in 2026.



Unemployment

Source	Time span	Notes
Institute of Economic Research, Hitotsubashi University (2008)	1952 - 1977	Spliced using overlapping data in 1978.
International Monetary Fund (2024b)	1978 - 1999	Spliced using overlapping data in 2000.
Asian Development Bank (2024)	2000 - 2016	Spliced using overlapping data in 2017.
WEO (2024)	2017 - 2029	Baseline source, overlaps with base year 2018.



References

References

- Asian Development Bank. “Key Indicators Database (KIDB).” (2024).
- Bank for International Settlements (2024).
- Barro, R. J. and C. J. Redlick. “Macroeconomic Effects from Government Purchases and Taxes.” *The Quarterly Journal of Economics*, 126(2011), 51–102. Accessed: 2024-05-04.
- 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.
- Bordo, M., B. Eichengreen, D. Klingebiel, and M. S. Martinez-Peria. “Is the Crisis Problem Growing More Severe?” *Economic Policy*, 16(2001), 52–82.
- Darvas, Zsolt. “Timely Measurement of Real Effective Exchange Rates.” Working Paper 2021/15, Bruegel (2021).
- 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.
- Institute of Economic Research, Hitotsubashi University. “Asian Historical Statistics: Basic Data for Asian Economic History.” (2008).
- 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).
- Mbaye, S., M. Moreno-Badia, and K. Chae. “Global Debt Database: Methodology and Sources.” IMF Working Papers 2018/111, International Monetary Fund (2018).
- Mitchell, Brian. *International Historical Statistics*. International Historical Statistics. Palgrave Macmillan London, 1 edition (2013).
- National Bureau of Statistics of China. “Statistical Data.” (2024).

- OECD. “OECD Key Economic Indicators Data.” (2024a). Accessed on 2024-07-10.
- _____. “OECD Main Economic Indicators Data.” (2024b). Accessed on 2024-07-04.
- OECD Economic Outlook. “OECD Economic Outlook Data.” (2024). Accessed on 2024-06-05.
- Officer, Lawrence H. and Samuel H. Williamson. “Measures of Worth.” MeasuringWorth (2024).
- Reinhart, Carmen M. and Kenneth S. Rogoff. “Debt-to-GDP Ratios Dataset.” (2010). Historical debt-to-GDP ratios for 70 countries.
- Schuler, Kurt. “Establishing an International Data Archive on Free Banking.” Studies in Applied Economics 24, The Johns Hopkins Institute for Applied Economics, Global Health, and the Study of Business Enterprise (2015).
- United Nations. “World Population Prospects 2024, Online Edition.” (2024). Accessed: 2024-02-02.
- University of California Davis. “Nominal GDP Historical Series.” (2024).
- 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.