

# Country Data and Graphs for Spain

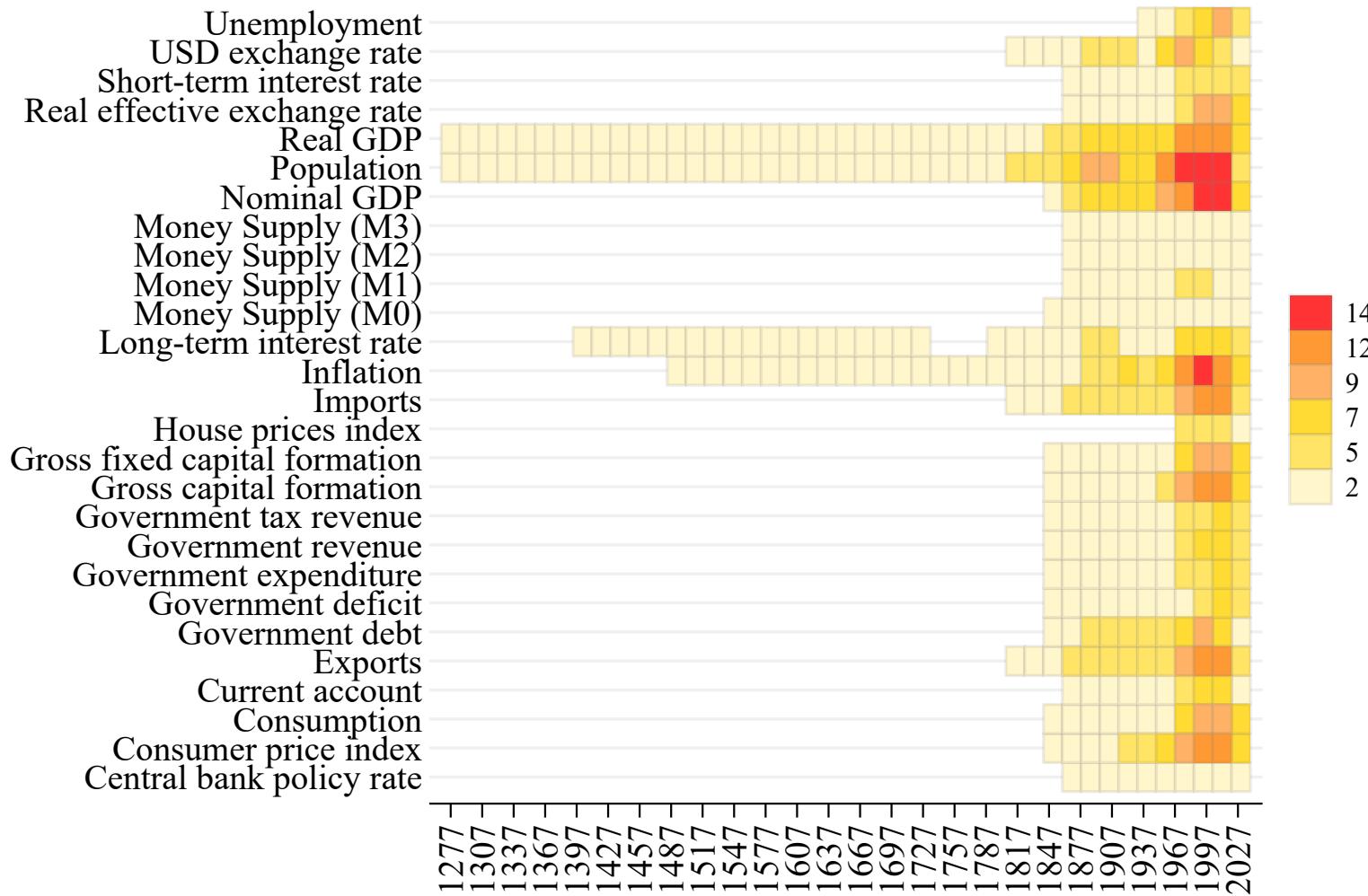
January 28, 2025

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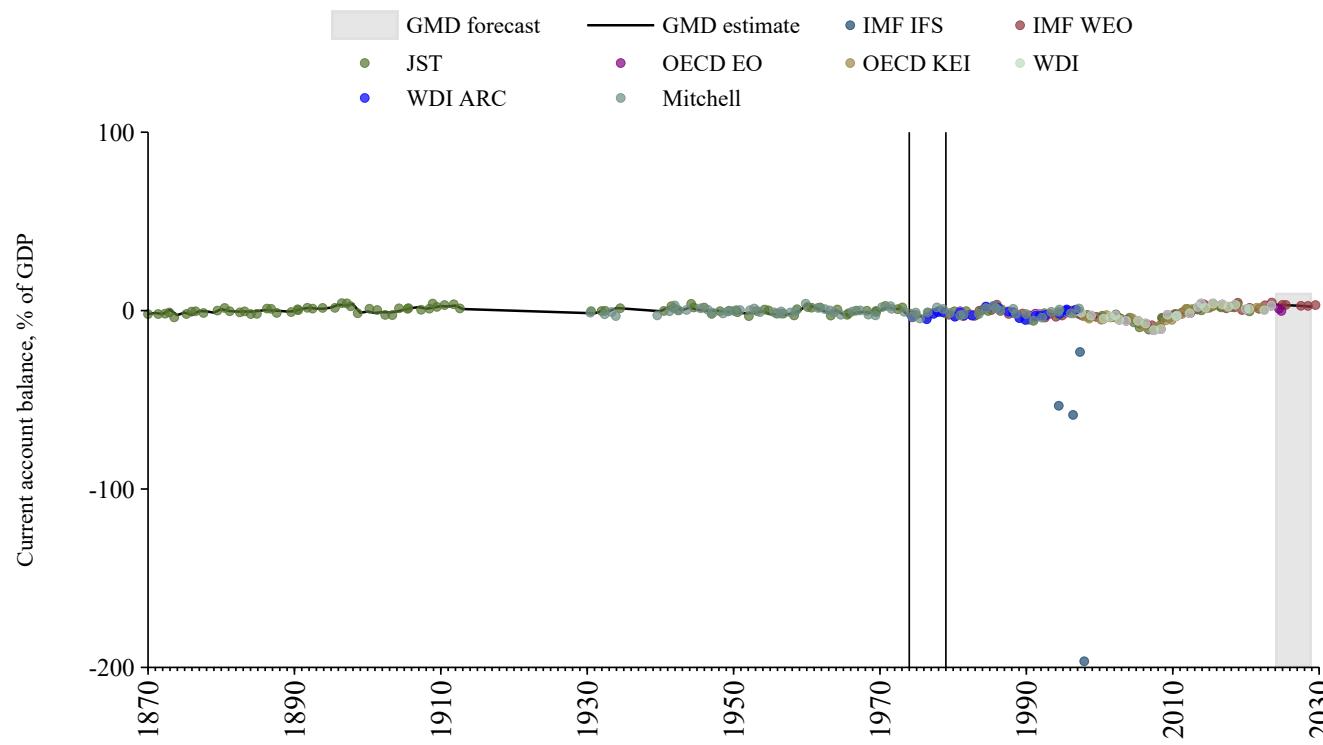
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## Data availability heatmap



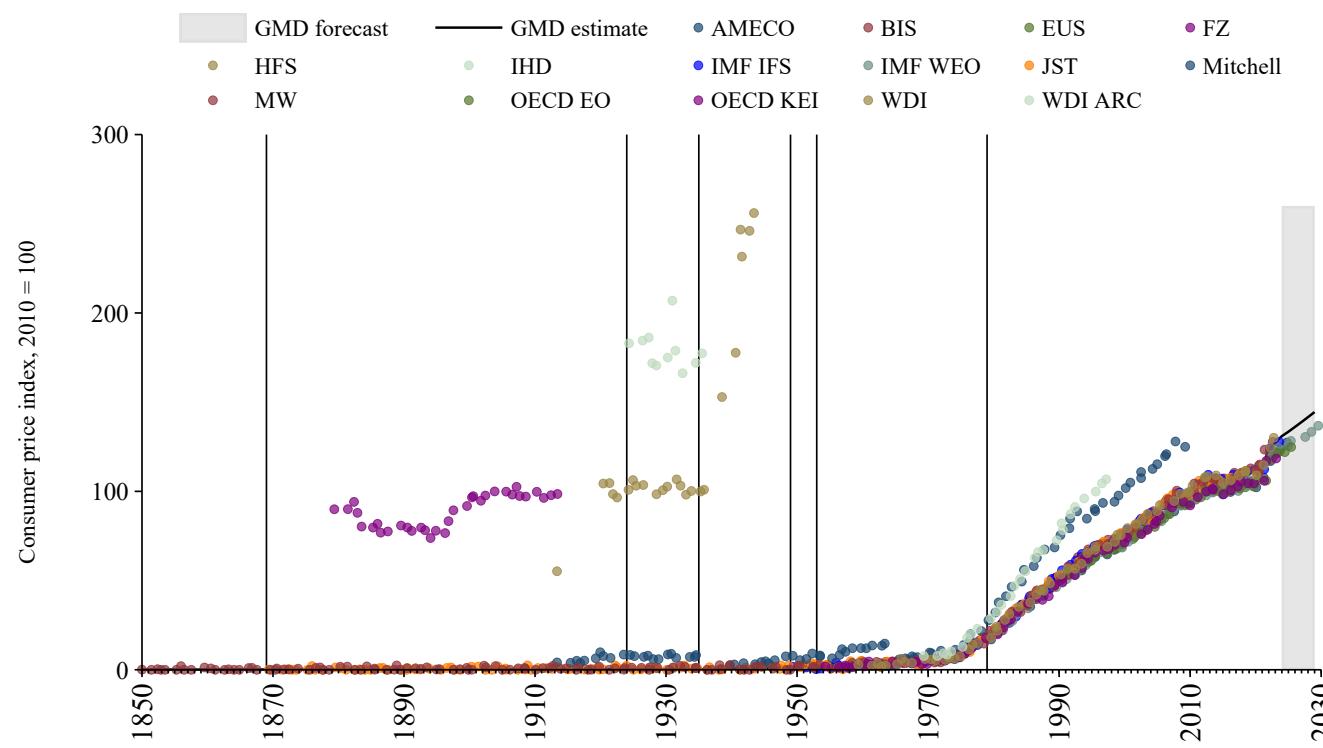
## Current account balance

Source	Time span	Notes
Jordà et al. (2017)	1870 - 1974	Spliced using overlapping data in 1975.
OECD Economic Outlook (2024)	1975 - 1979	Spliced using overlapping data in 1980.
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



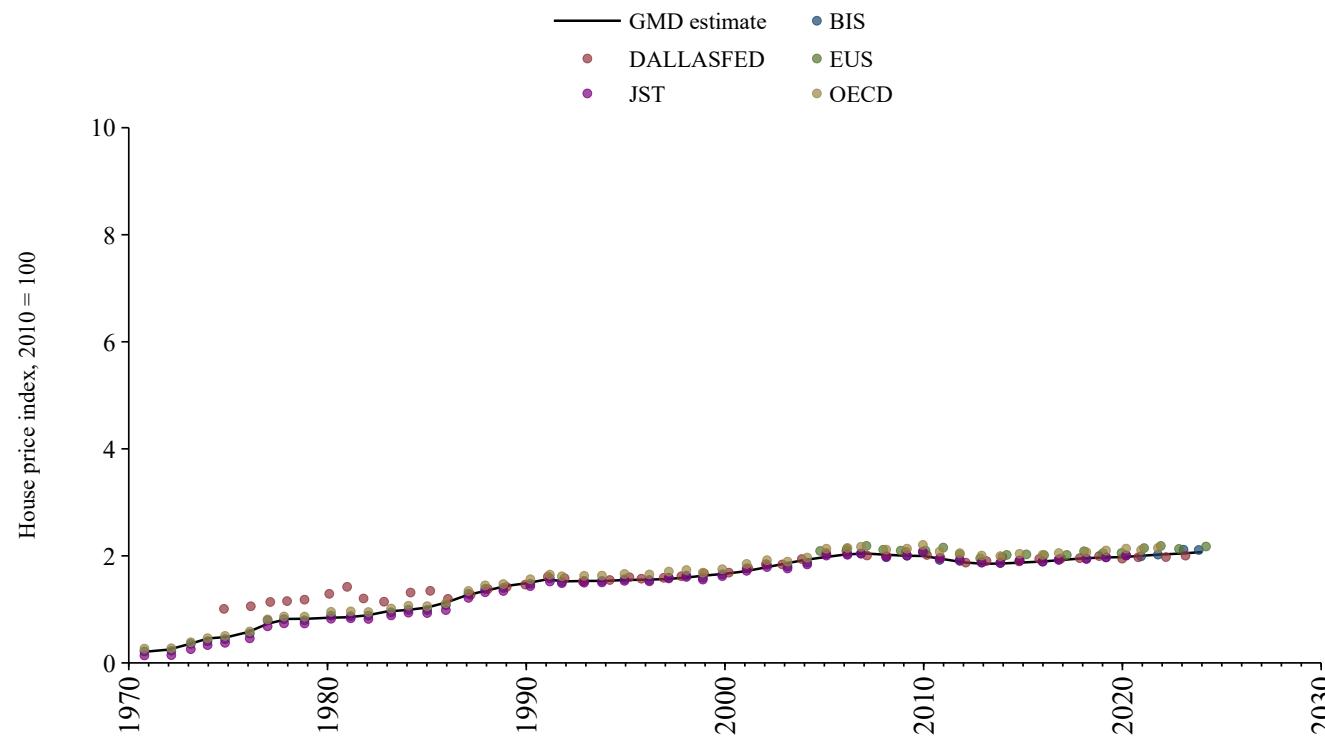
## Consumer price index

Source	Time span	Notes
<a href="#">Officer and Williamson (2024)</a>	1850 - 1869	Spliced using overlapping data in 1870: (ratio = 96.5%)..
<a href="#">Jordà et al. (2017)</a>	1870 - 1924	Spliced using overlapping data in 1925: (ratio = 92.1%)..
<a href="#">Ellison et al. (2024)</a>	1925 - 1935	Spliced using overlapping data in 1936: (ratio = .2%)..
<a href="#">Jordà et al. (2017)</a>	1936 - 1949	Spliced using overlapping data in 1950: (ratio = 94%)..
<a href="#">International Monetary Fund (2024b)</a>	1950 - 1953	Spliced using overlapping data in 1954: (ratio = 93%)..
<a href="#">Bank for International Settlements (2024)</a>	1954 - 1979	Spliced using overlapping data in 1980: (ratio = 92.9%)..
<a href="#">WEO (2024)</a>	1980 - 2029	Baseline source, overlaps with base year 2018.



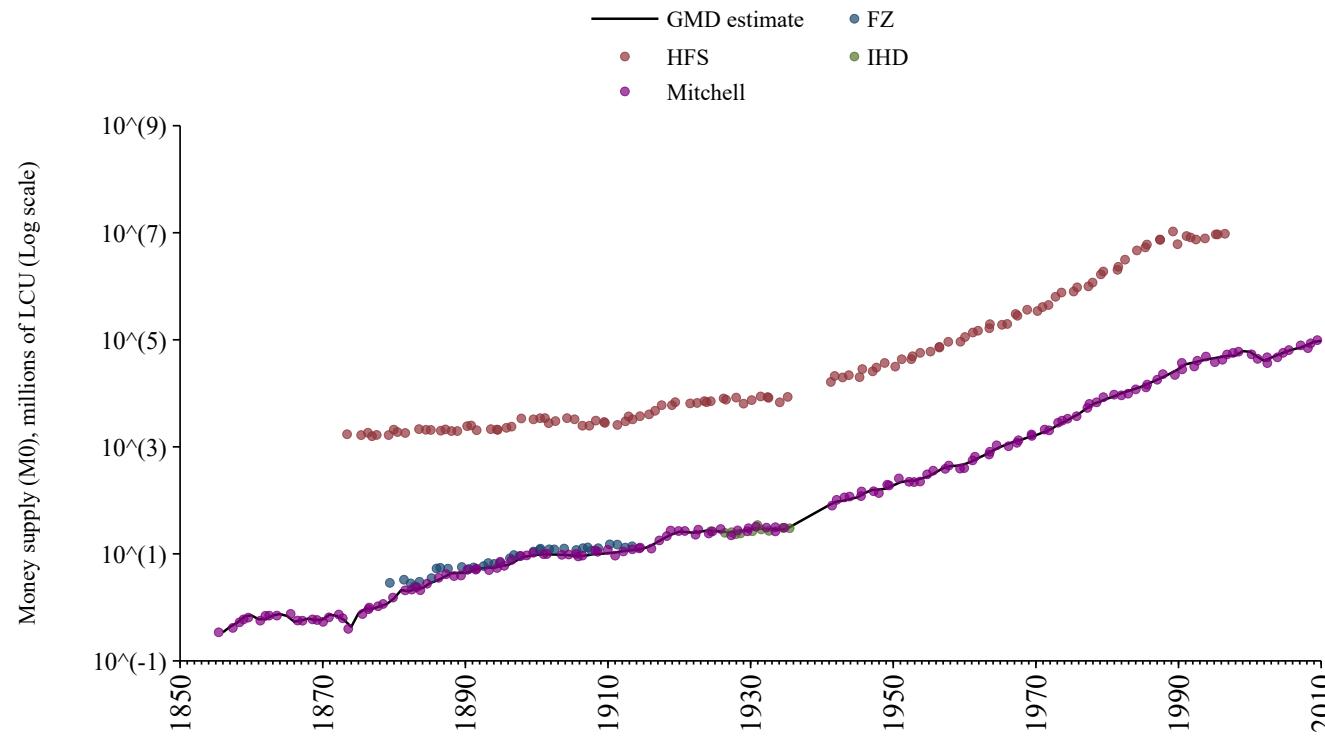
## House price index

Source	Time span	Notes
<a href="#">Bank for International Settlements (2024)</a>	1971 - 2024	Baseline source, overlaps with base year 2018.



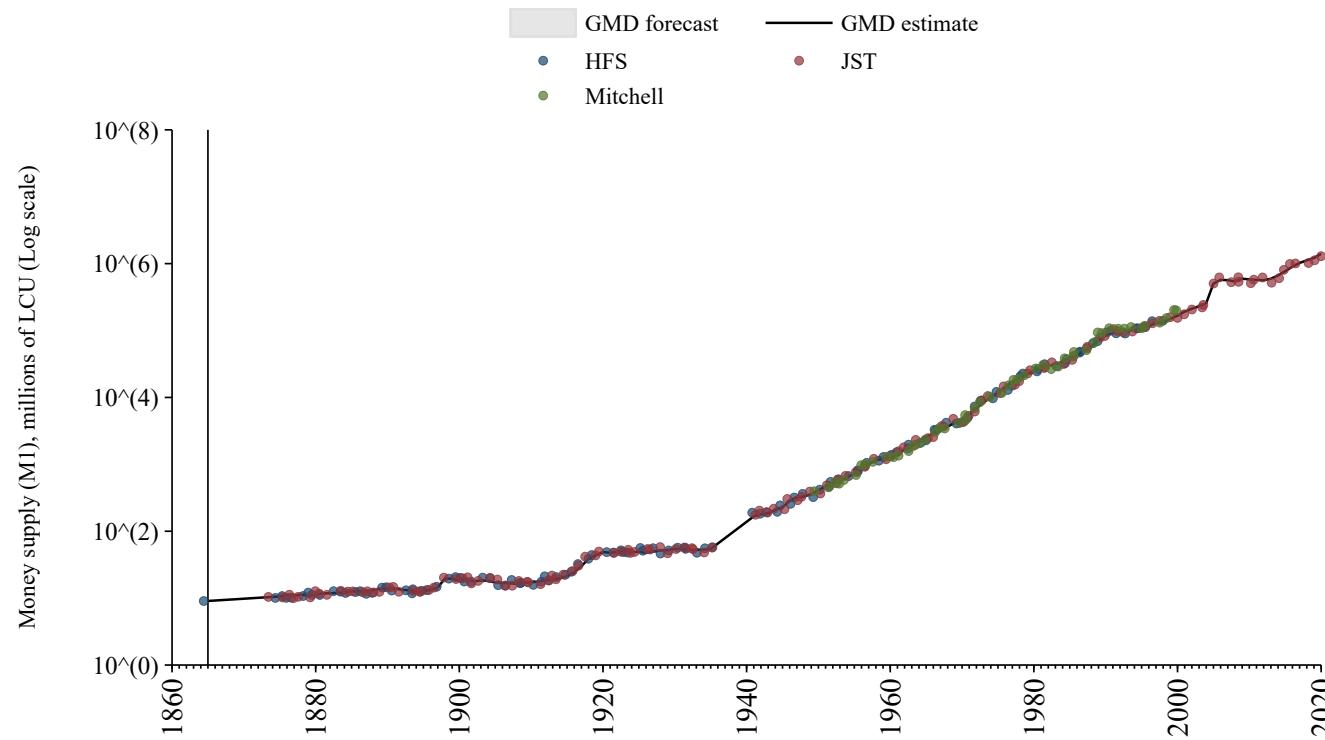
## Money supply (M0)

Source	Time span	Notes
Mitchell (2013)	1856 - 2010	Spliced using overlapping data in 2011.



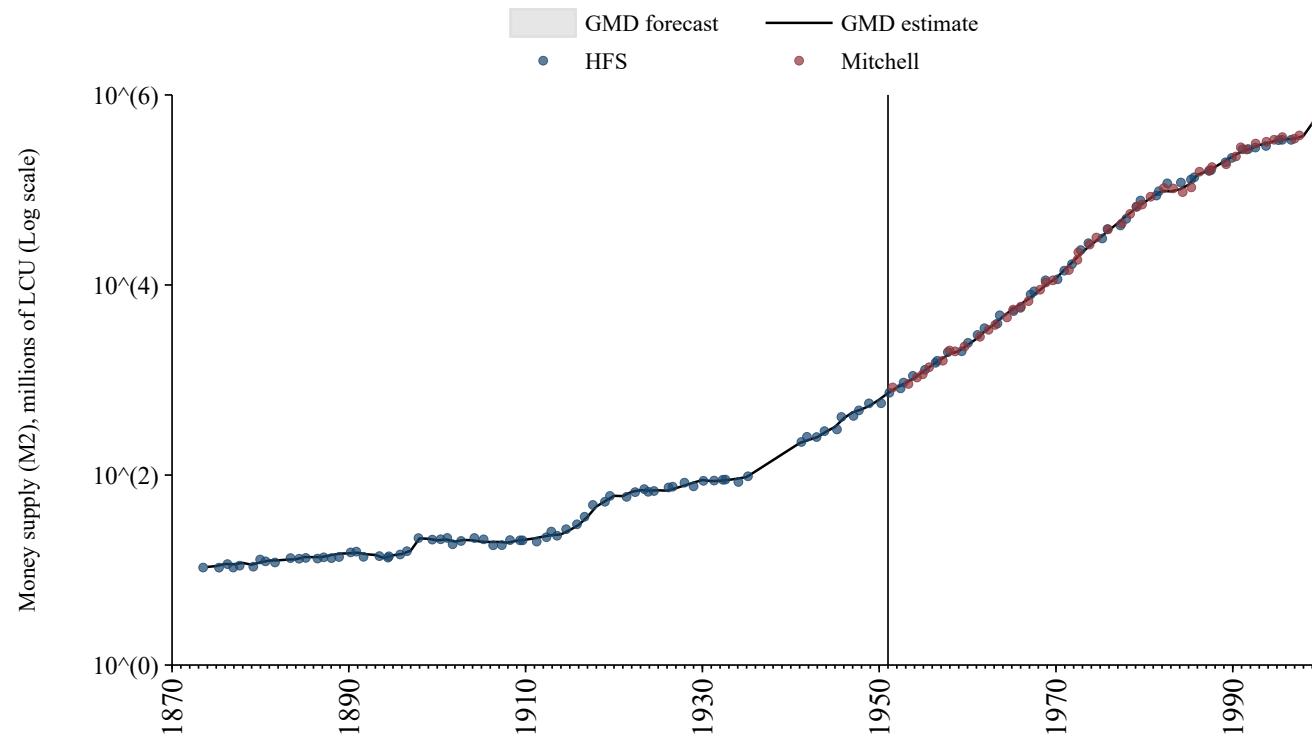
## Money supply (M1)

Source	Time span	Notes
Schuler (2015)	1865 - 1865	Spliced using overlapping data in 1866.
Jordà et al. (2017)	1866 - 2020	Baseline source, overlaps with base year 2018.



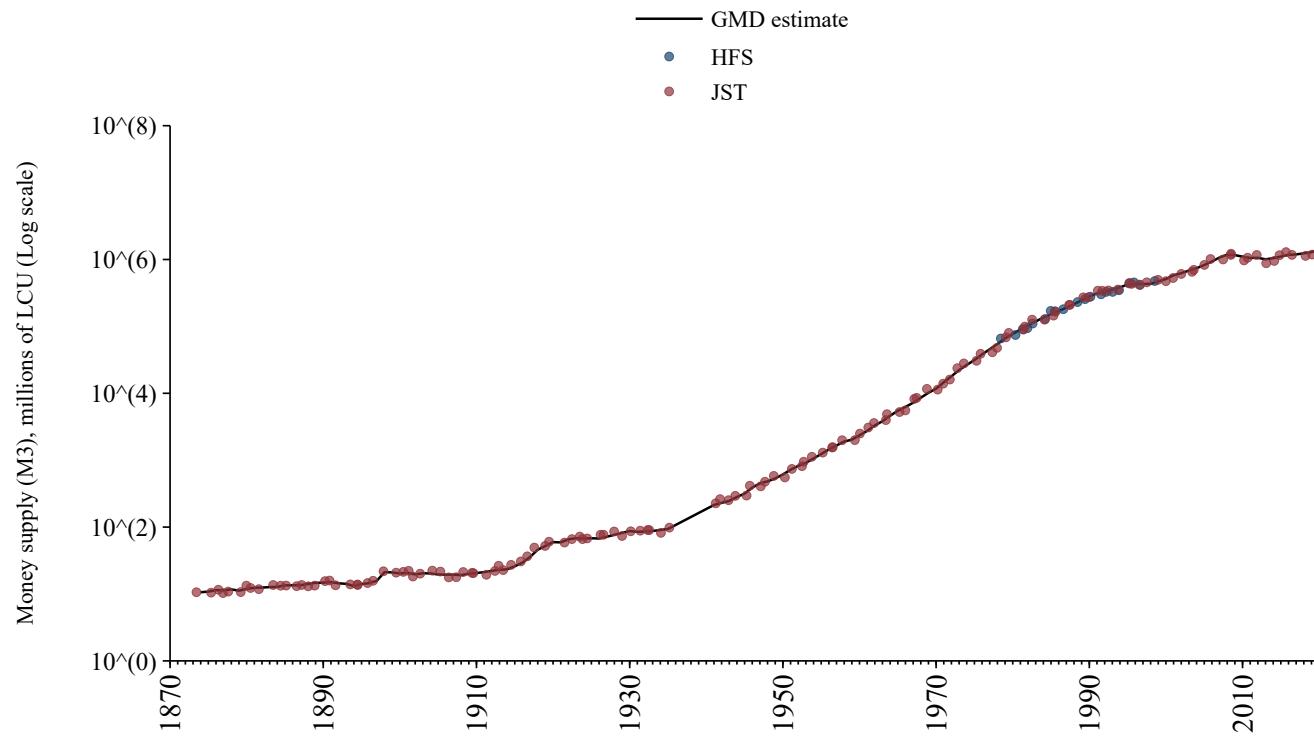
## Money supply (M2)

Source	Time span	Notes
Schuler (2015)	1874 - 1951	Spliced using overlapping data in 1952: (ratio = 101.4%)..
Mitchell (2013)	1952 - 2000	Spliced using overlapping data in 2001.



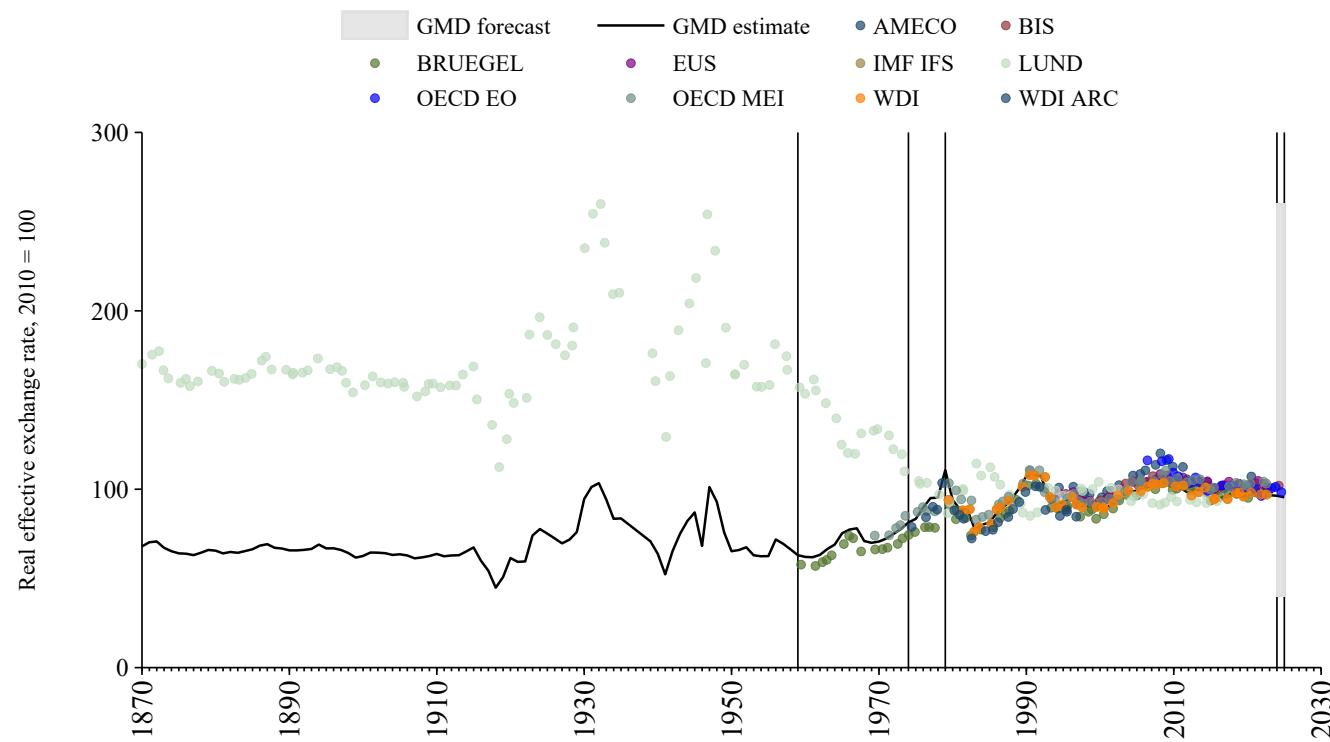
## Money supply (M3)

Source	Time span	Notes
Jordà et al. (2017)	1874 - 2020	Baseline source, overlaps with base year 2018.



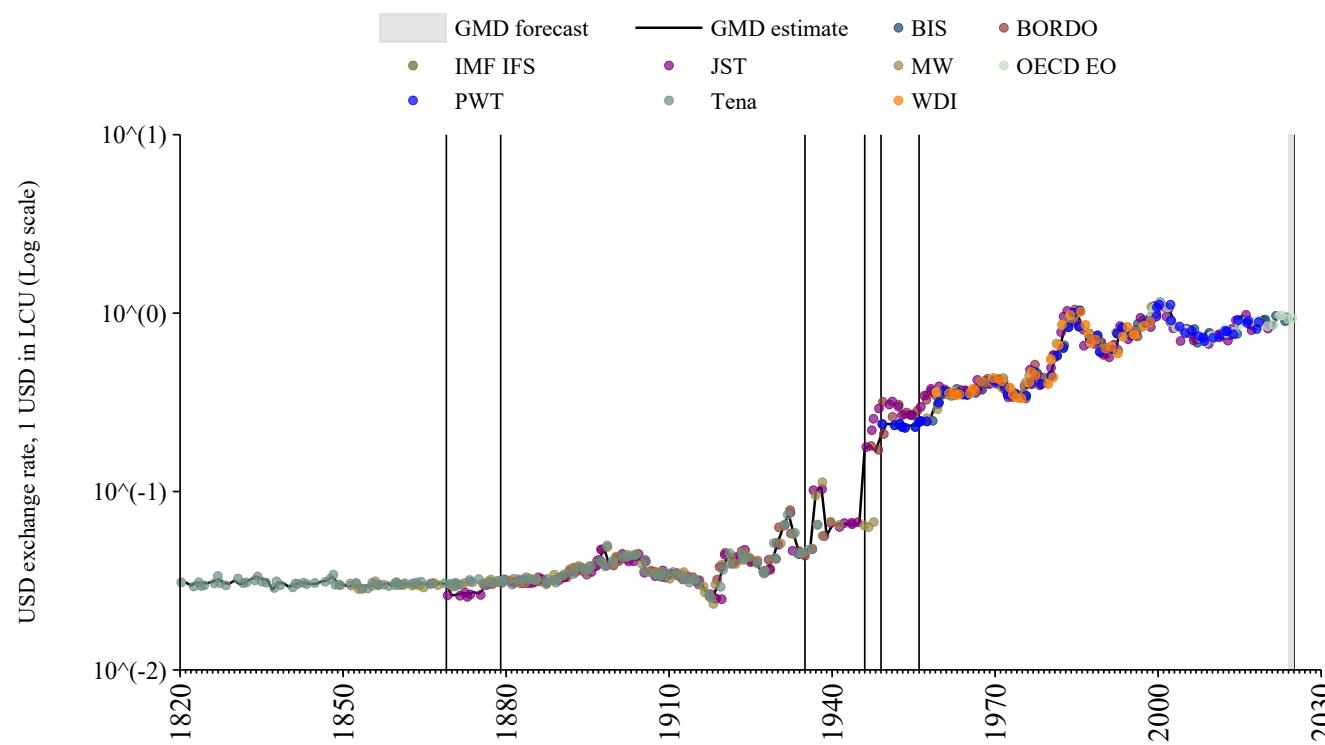
## Real effective exchange rate

Source	Time span	Notes
Ljungberg (2019)	1870 - 1959	Spliced using overlapping data in 1960: (ratio = 39.9%)..
Darvas (2021)	1960 - 1974	Spliced using overlapping data in 1975: (ratio = 107.5%)..
World Bank (Archives) (1999)	1975 - 1979	Spliced using overlapping data in 1980: (ratio = 105.7%)..
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 = 95.9%)..
OECD Economic Outlook (2024)	2025 - 2025	Spliced using overlapping data in 2026: (ratio = 96%)..



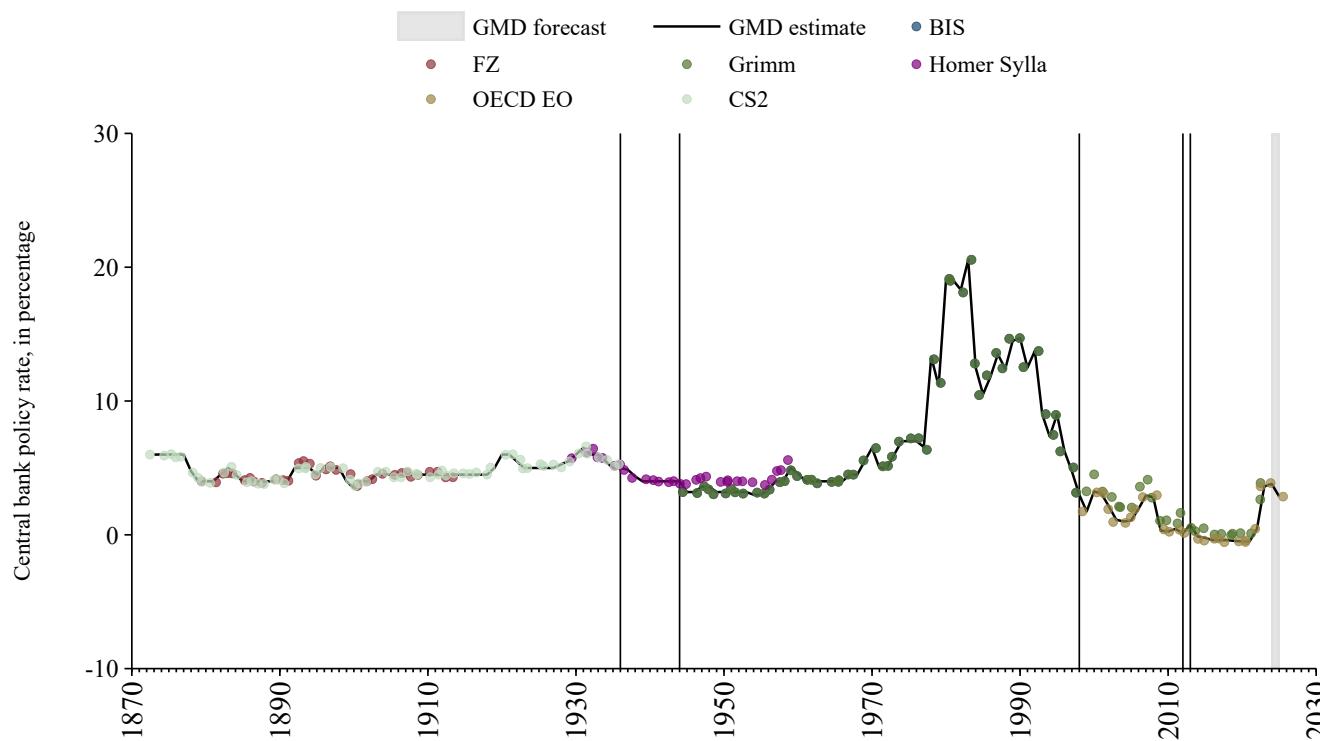
## USD exchange rate

Source	Time span	Notes
Federico and Tena-Junguito (2019)	1821 - 1869	Spliced using overlapping data in 1870.
Jordà et al. (2017)	1870 - 1879	Spliced using overlapping data in 1880.
Bordo et al. (2001)	1880 - 1935	Spliced using overlapping data in 1936.
Jordà et al. (2017)	1936 - 1946	Spliced using overlapping data in 1947.
Bordo et al. (2001)	1947 - 1949	Spliced using overlapping data in 1950.
International Monetary Fund (2024b)	1950 - 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.



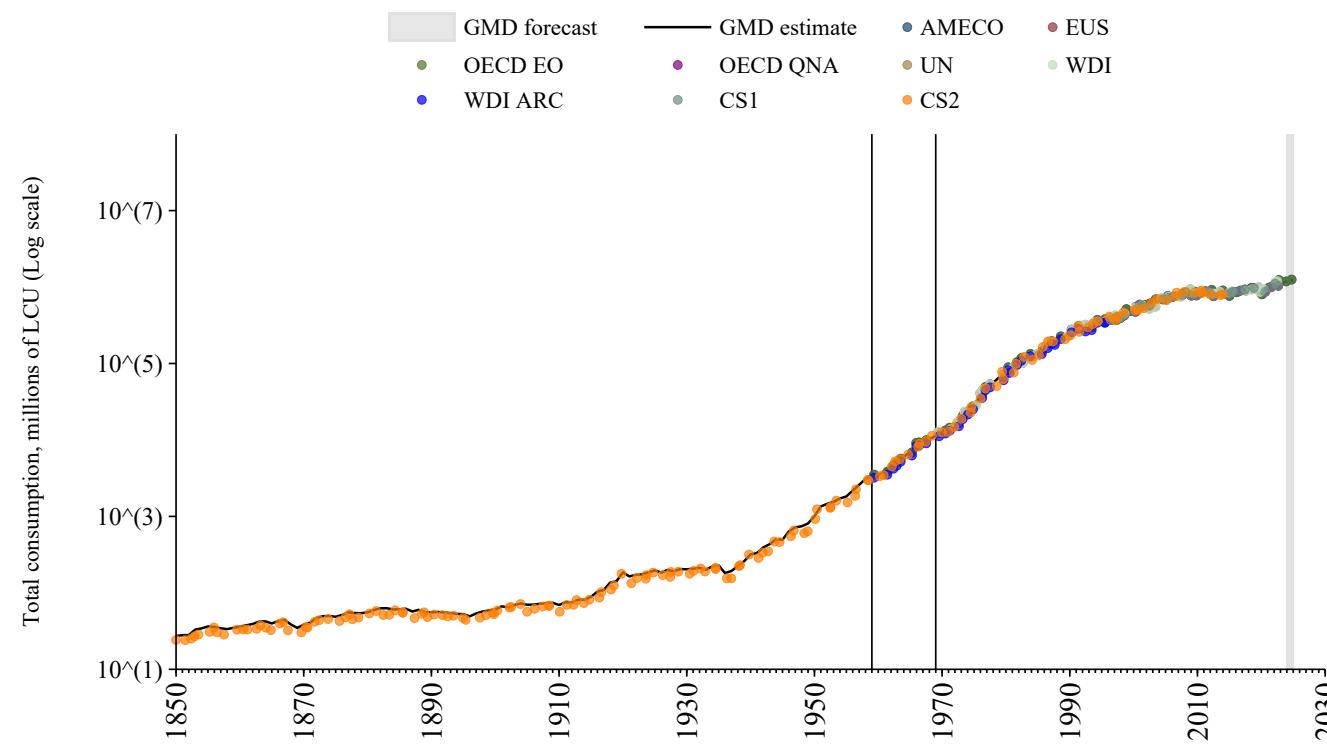
## Central bank policy rate

Source	Time span	Notes
Banco de España (2021)	1873 - 1936	Spliced using overlapping data in 1937.
Homer and Sylla (1996)	1937 - 1944	Spliced using overlapping data in 1945.
Bank for International Settlements (2024)	1945 - 1998	Spliced using overlapping data in 1999.
OECD Economic Outlook (2024)	1999 - 2012	Spliced using overlapping data in 2013.
Grimm (2024)	2013 - 2013	Spliced using overlapping data in 2014.
OECD Economic Outlook (2024)	2014 - 2025	Baseline source, overlaps with base year 2018.



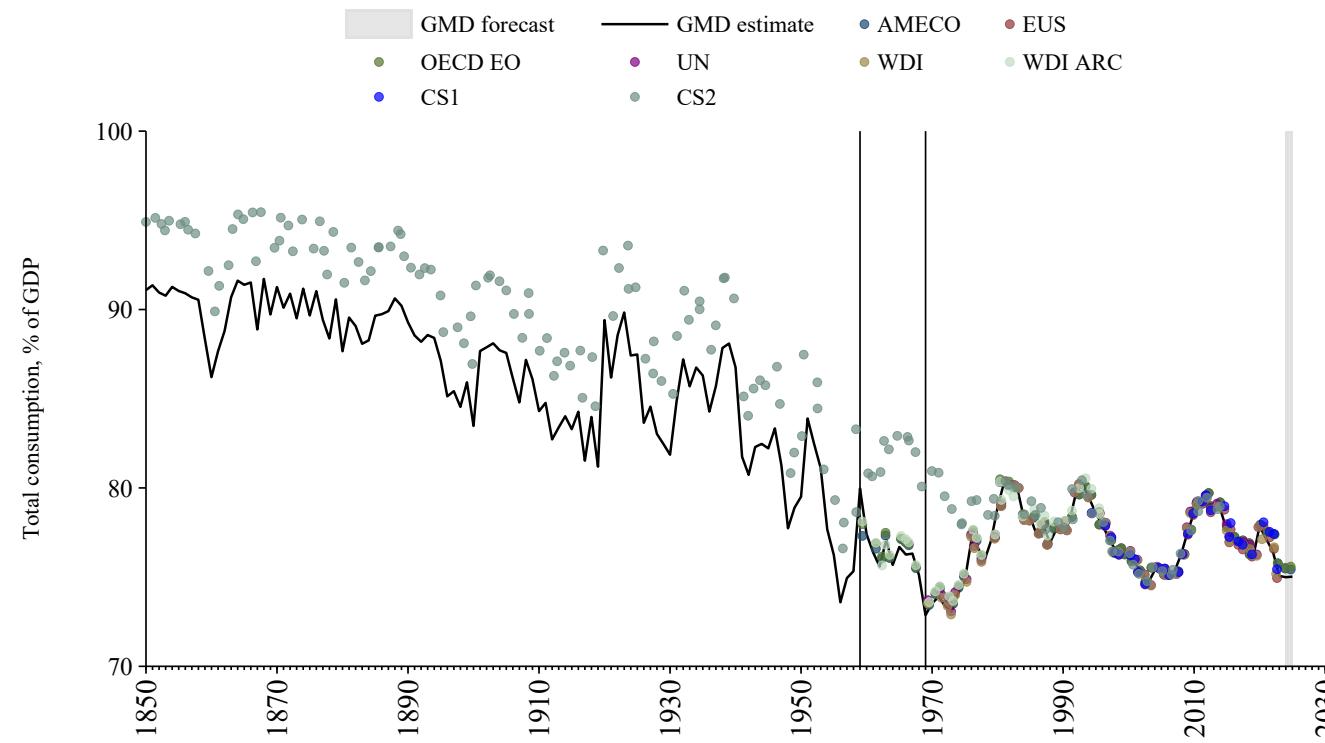
## Total consumption

Source	Time span	Notes
Banco de España (2021)	1850 - 1959	Spliced using overlapping data in 1960: (ratio = 112.6%)..
OECD Economic Outlook (2024)	1960 - 1969	Spliced using overlapping data in 1970: (ratio = 98.4%)..
World Bank (2024)	1970 - 2023	Baseline source, overlaps with base year 2018.
OECD Economic Outlook (2024)	2024 - 2025	Spliced using overlapping data in 2026: (ratio = 101.8%)..



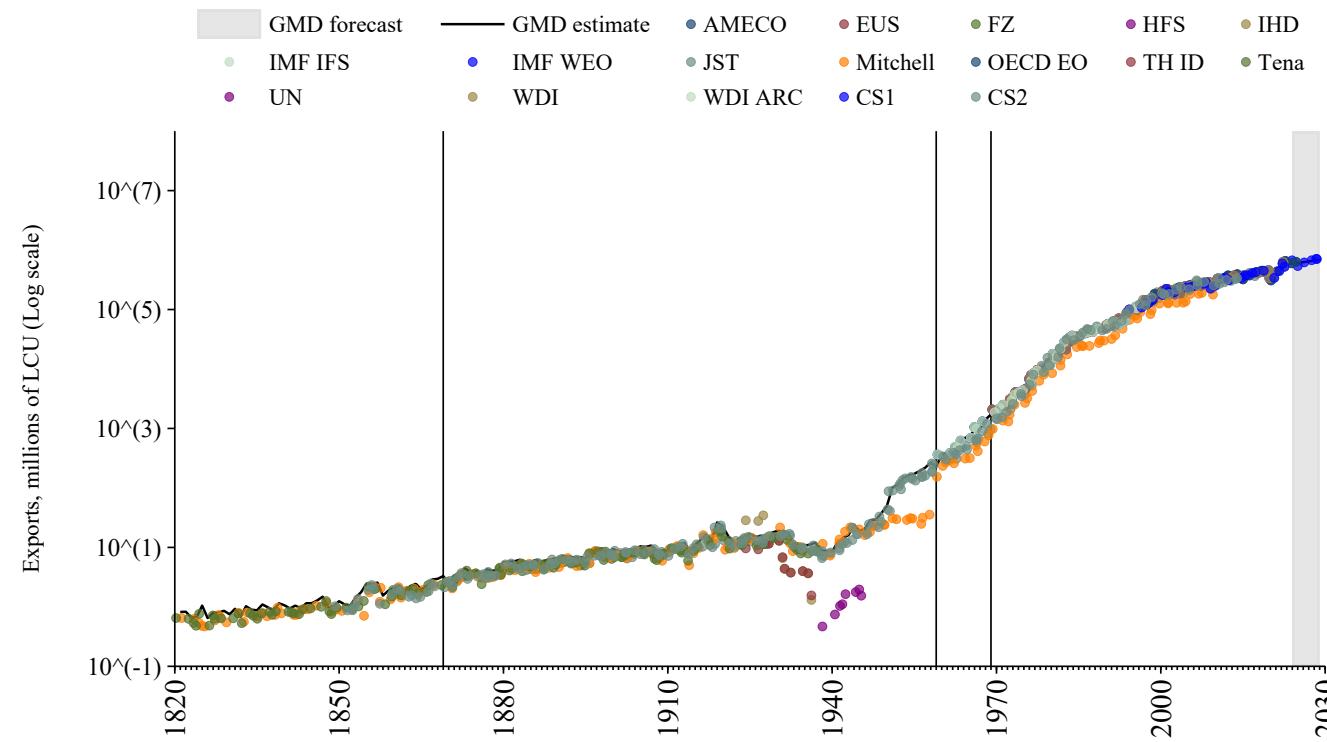
## Total consumption to GDP ratio

Source	Time span	Notes
Banco de España (2021)	1850 - 1959	Spliced using overlapping data in 1960: (ratio = 96%)..
OECD Economic Outlook (2024)	1960 - 1969	Spliced using overlapping data in 1970: (ratio = 99.3%)..
World Bank (2024)	1970 - 2023	Baseline source, overlaps with base year 2018.
OECD Economic Outlook (2024)	2024 - 2025	Spliced using overlapping data in 2026: (ratio = 99.3%)..



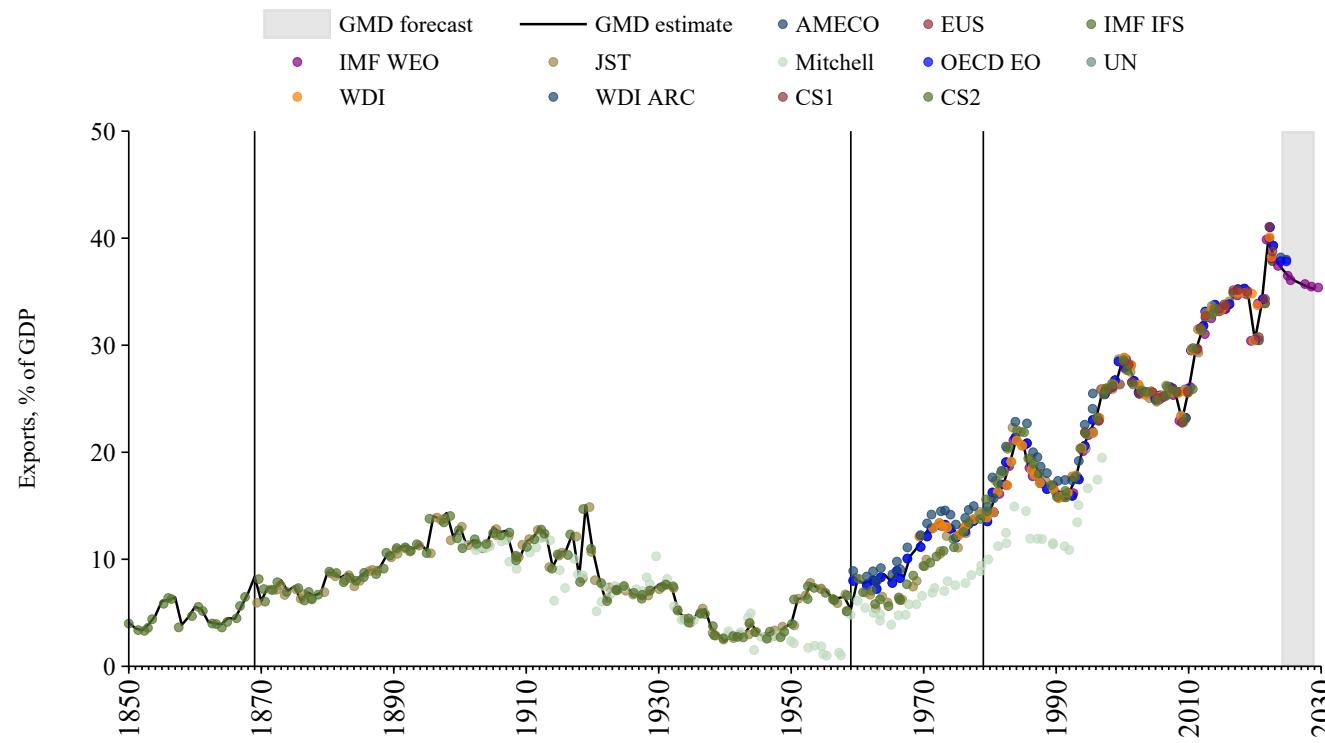
# Exports

Source	Time span	Notes
Federico and Tena-Junguito (2019)	1821 - 1869	Spliced using overlapping data in 1870: (ratio = 126.4%)..
Jordà et al. (2017)	1870 - 1959	Spliced using overlapping data in 1960: (ratio = 119.8%)..
OECD Economic Outlook (2024)	1960 - 1969	Spliced using overlapping data in 1970: (ratio = 100.1%)..
WEO (2024)	1970 - 2029	Baseline source, overlaps with base year 2018.



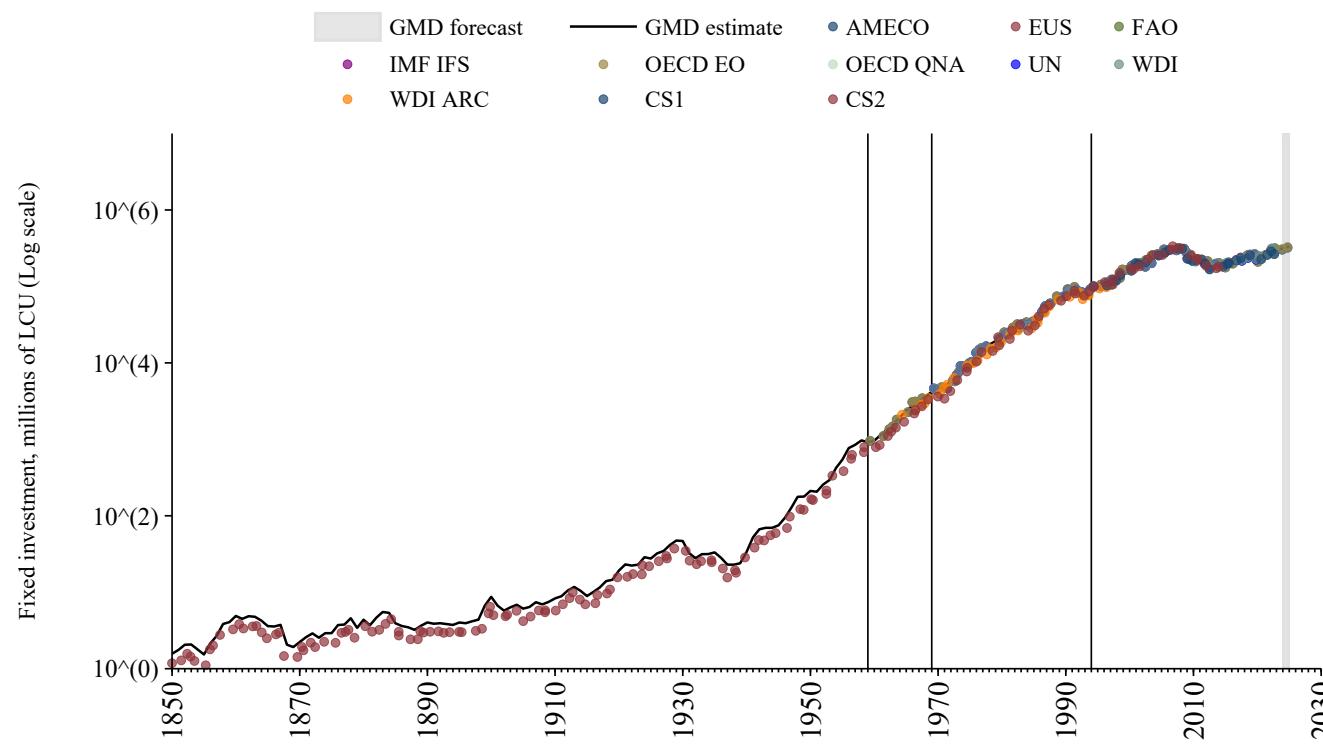
## Exports to GDP ratio

Source	Time span	Notes
Banco de España (2021)	1850 - 1869	Spliced using overlapping data in 1870: (ratio = 102.2%)..
Jordà et al. (2017)	1870 - 1959	Spliced using overlapping data in 1960: (ratio = 102.2%)..
OECD Economic Outlook (2024)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 101.1%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



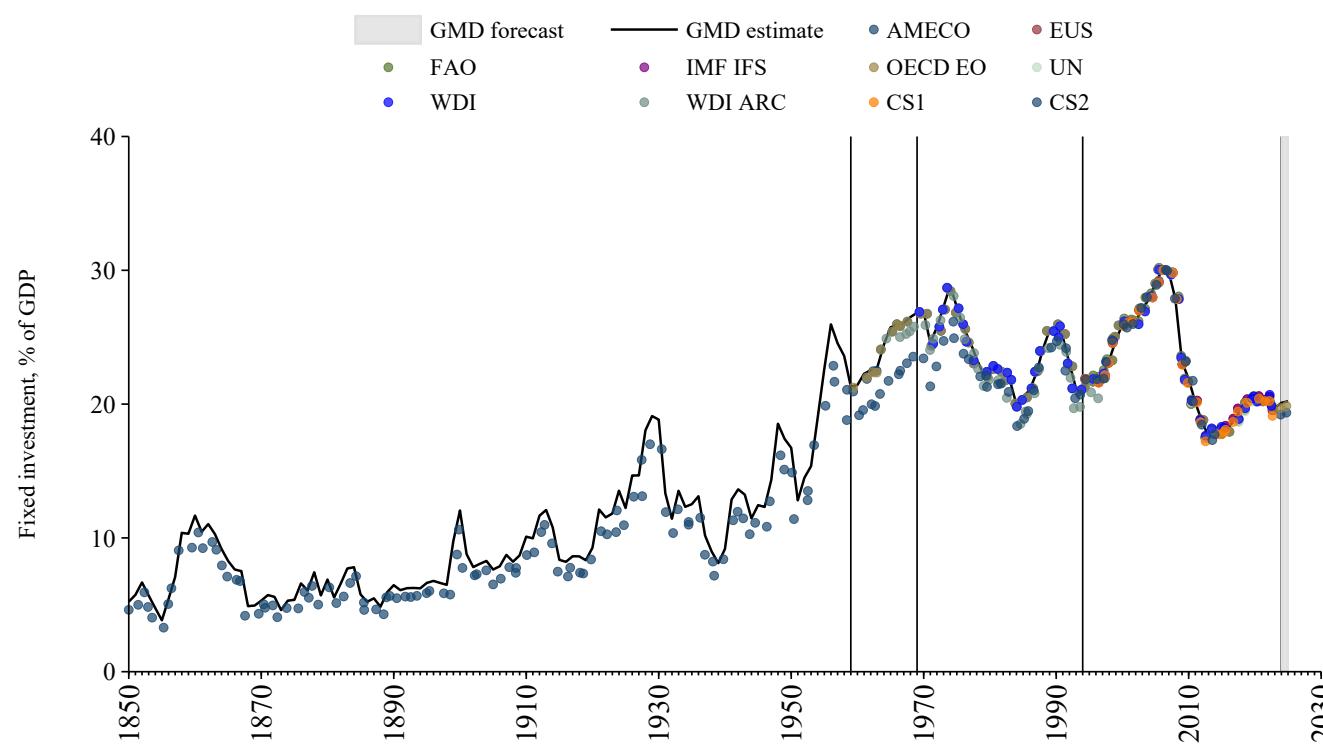
## Fixed investment

Source	Time span	Notes
Banco de España (2021)	1850 - 1959	Spliced using overlapping data in 1960: (ratio = 132.6%)..
OECD Economic Outlook (2024)	1960 - 1969	Spliced using overlapping data in 1970.
World Bank (2024)	1970 - 1994	Spliced using overlapping data in 1995.
Commission (2024)	1995 - 2023	Baseline source, overlaps with base year 2018.
OECD Economic Outlook (2024)	2024 - 2025	Spliced using overlapping data in 2026: (ratio = 104.8%)..



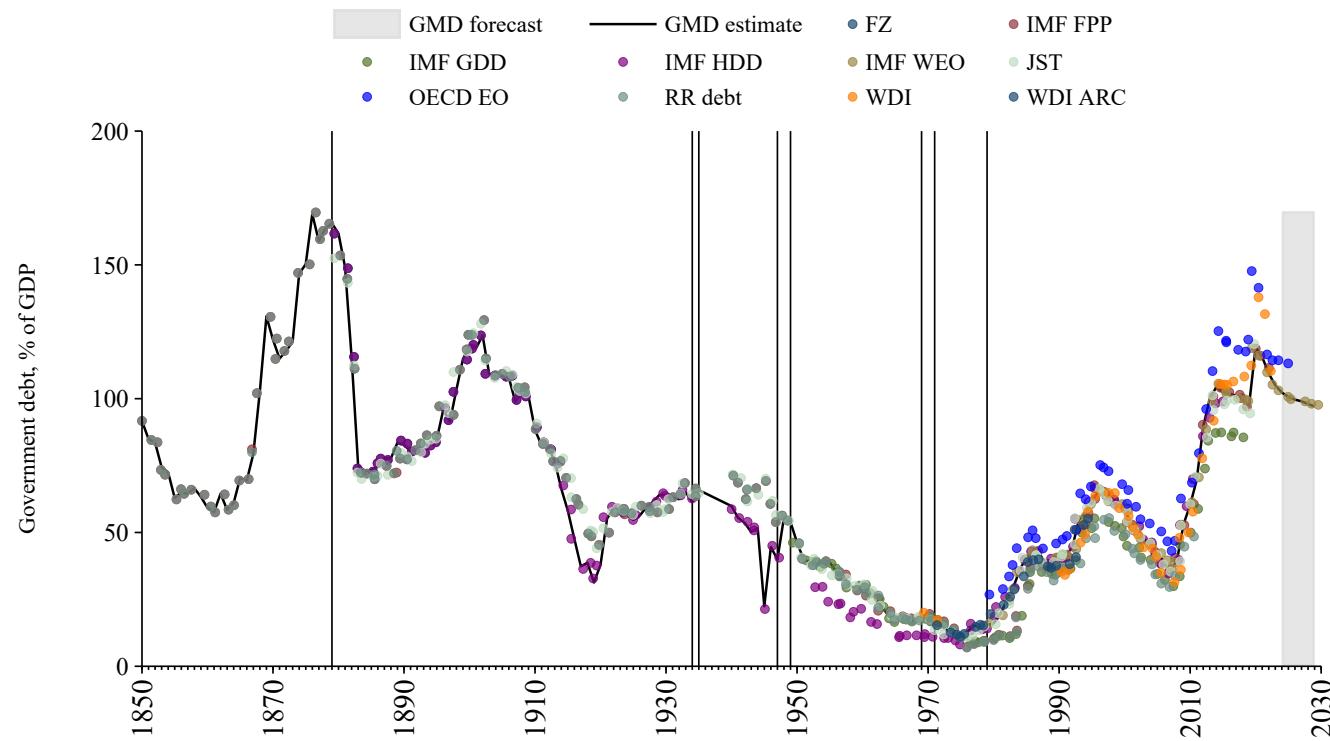
## Fixed investment to GDP ratio

Source	Time span	Notes
Banco de España (2021)	1850 - 1959	Spliced using overlapping data in 1960: (ratio = 113%)..
OECD Economic Outlook (2024)	1960 - 1969	Spliced using overlapping data in 1970: (ratio = 100.9%)..
World Bank (2024)	1970 - 1994	Spliced using overlapping data in 1995.
Commission (2024)	1995 - 2023	Baseline source, overlaps with base year 2018.
OECD Economic Outlook (2024)	2024 - 2025	Spliced using overlapping data in 2026: (ratio = 102.2%)..



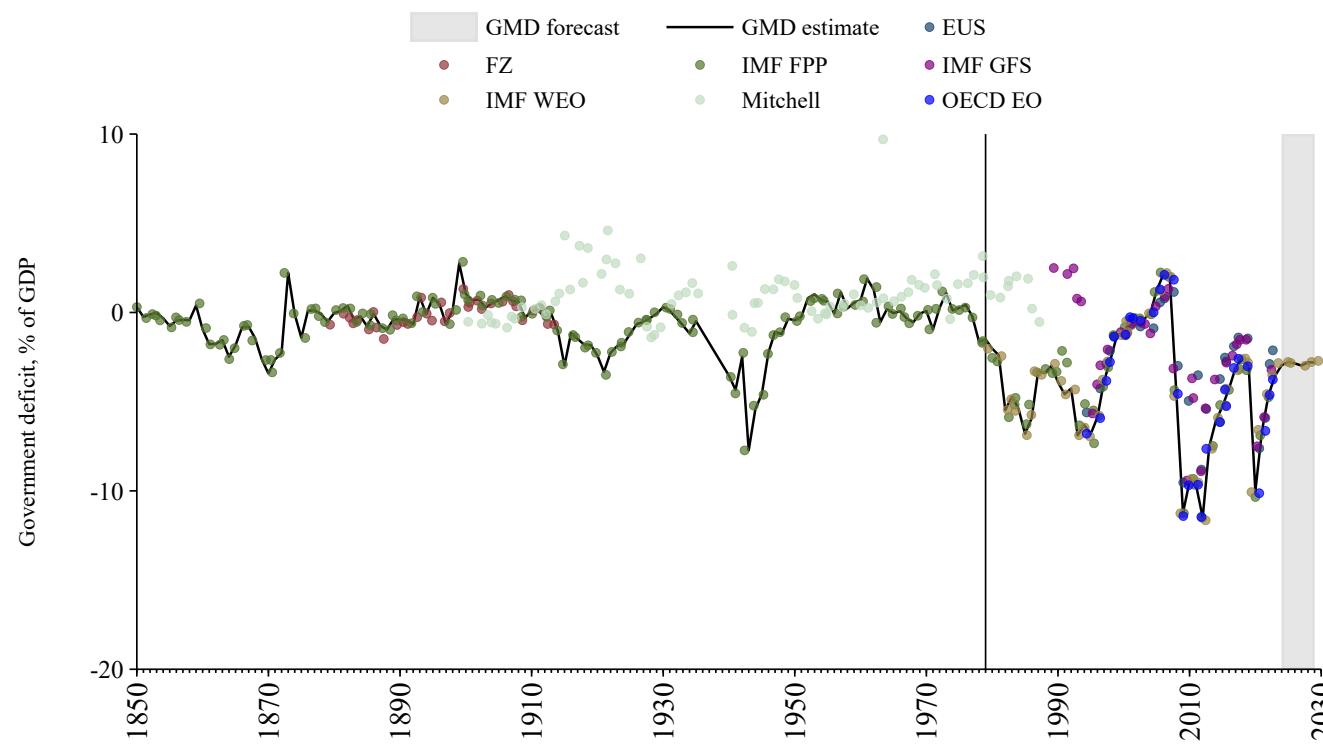
## Government debt

Source	Time span	Notes
Reinhart and Rogoff (2010)	1850 - 1879	Spliced using overlapping data in 1880.
International Monetary Fund (2010)	1880 - 1934	Spliced using overlapping data in 1935. Data refers to general government.
Reinhart and Rogoff (2010)	1935 - 1935	Spliced using overlapping data in 1936.
International Monetary Fund (2010)	1936 - 1947	Spliced using overlapping data in 1948. Data refers to general government.
Reinhart and Rogoff (2010)	1948 - 1949	Spliced using overlapping data in 1950.
Mbaye et al. (2018)	1950 - 1969	Spliced using overlapping data in 1970. Data refers to central government.
World Bank (2024)	1970 - 1971	Spliced using overlapping data in 1972. Data refers to central government.
World Bank (Archives) (1999)	1972 - 1979	Spliced using overlapping data in 1980. Data refers to central government.
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018. Data refers to general government.



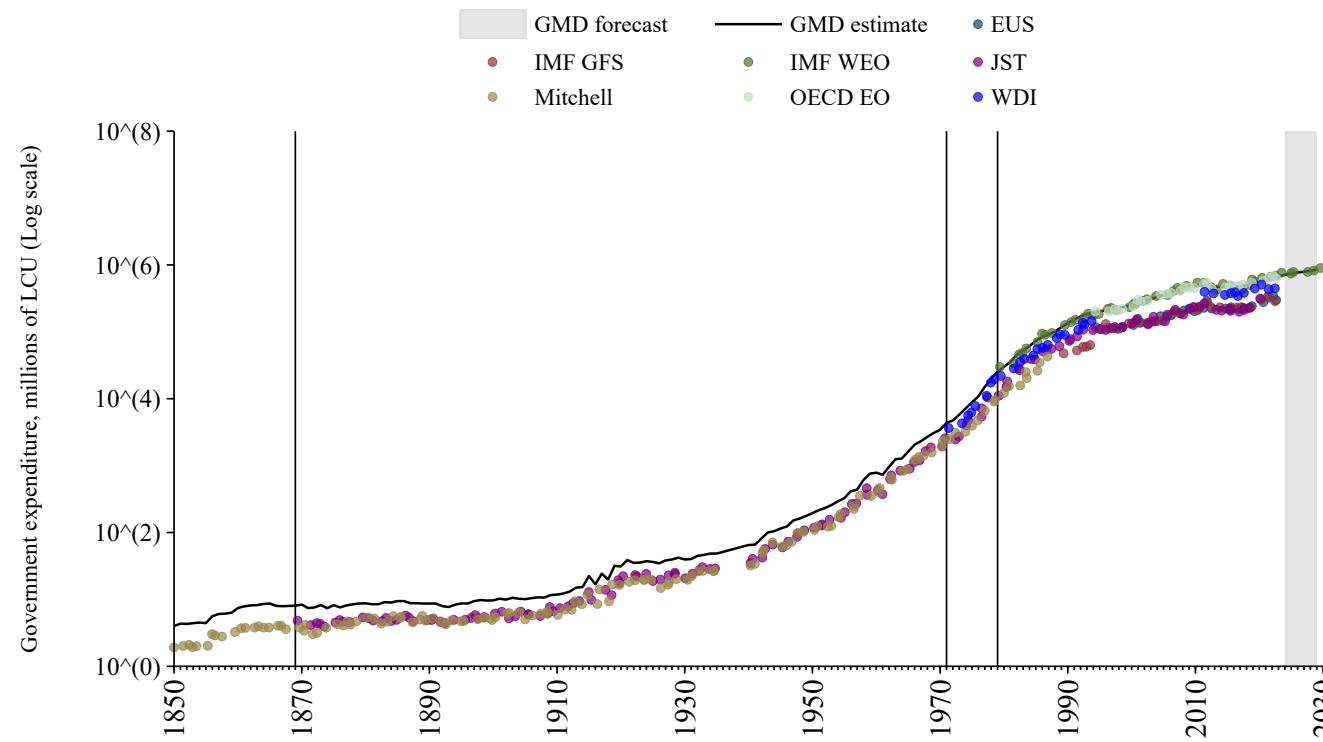
## Government deficit

Source	Time span	Notes
<a href="#">Mauro et al. (2015)</a>	1850 - 1979	Spliced using overlapping data in 1980.
<a href="#">WEO (2024)</a>	1980 - 2029	Baseline source, overlaps with base year 2018.



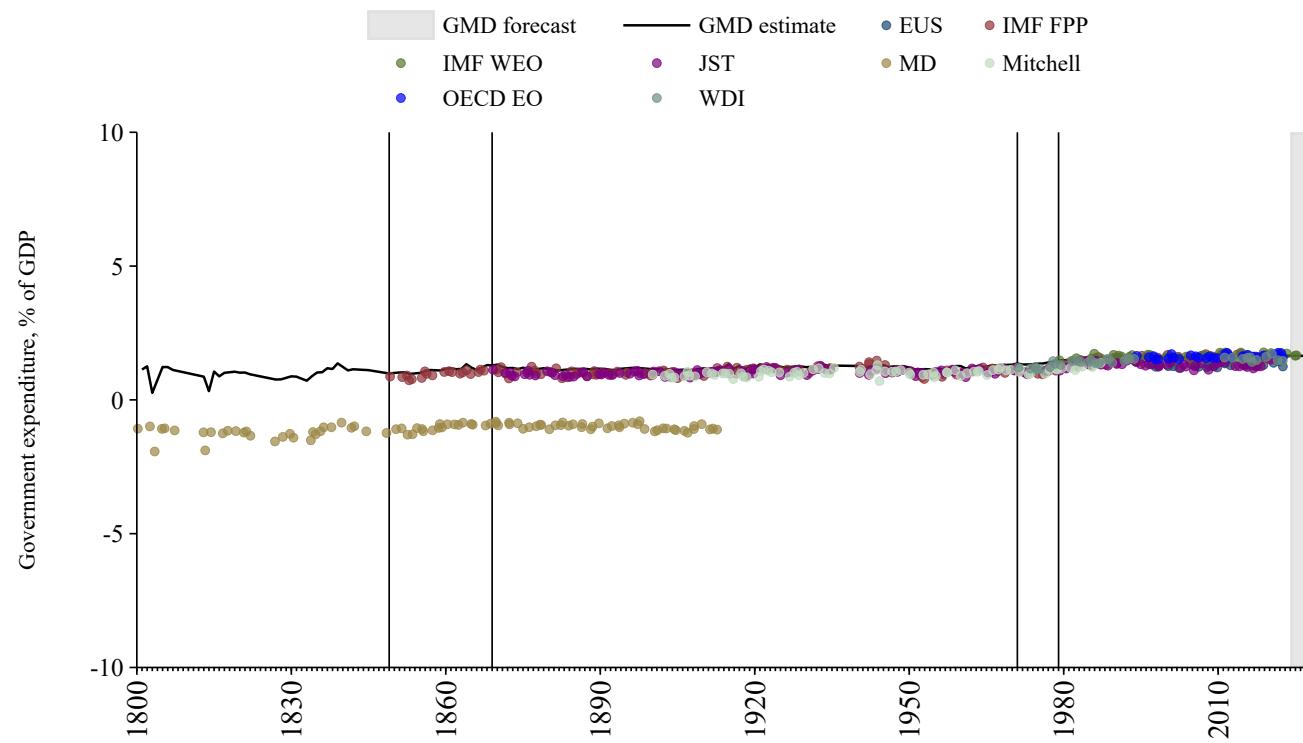
## **Government expenditure**

Source	Time span	Notes
<a href="#">Mitchell (2013)</a>	1850 - 1869	Spliced using overlapping data in 1870: (ratio = 208.2%).. Data refers to central government.
<a href="#">Jordà et al. (2017)</a>	1870 - 1971	Spliced using overlapping data in 1972: (ratio = 173.5%).. Data refers to central government.
<a href="#">World Bank (2024)</a>	1972 - 1979	Spliced using overlapping data in 1980: (ratio = 129.5%).. Data refers to general government.
<a href="#">WEO (2024)</a>	1980 - 2029	Baseline source, overlaps with base year 2018. Data refers to general government.



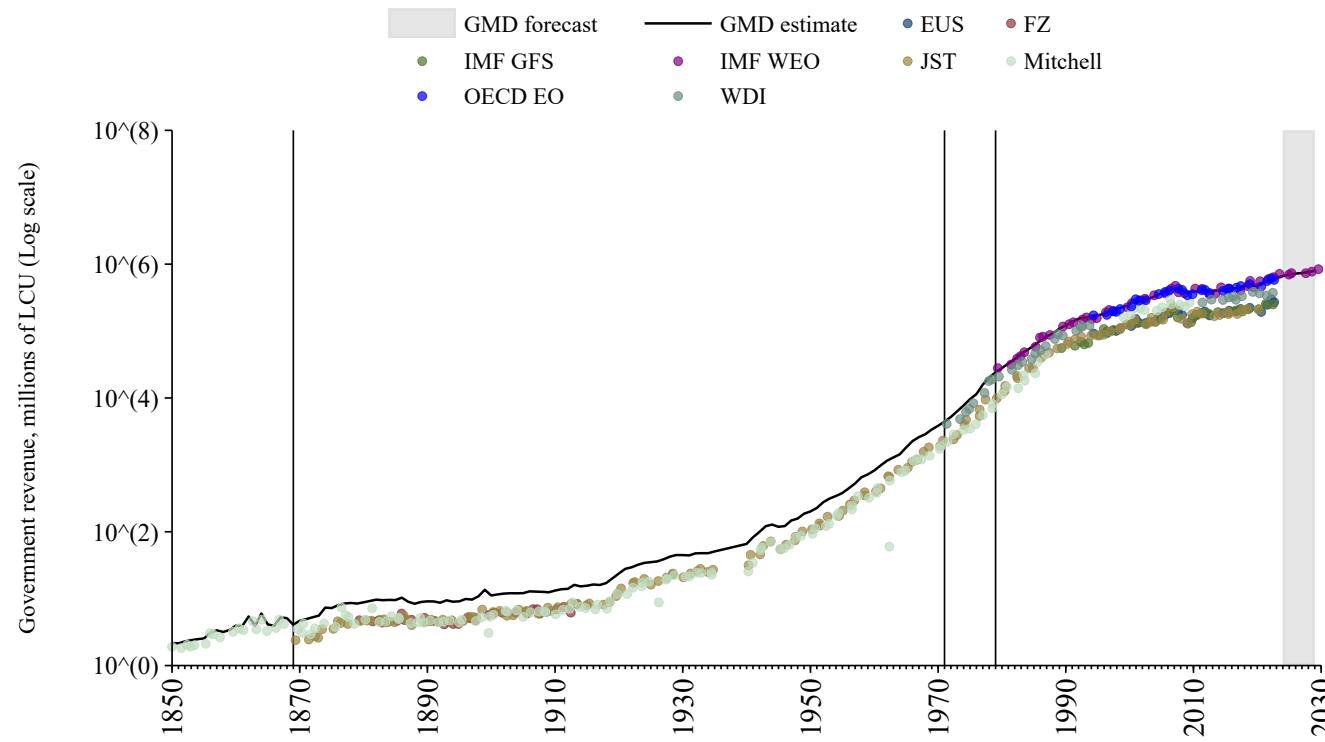
## Government expenditure to GDP ratio

Source	Time span	Notes
Cox and Dincecco (2021)	1801 - 1849	Spliced using overlapping data in 1850: (ratio = 16128.1%).. Data refers to central government.
Mauro et al. (2015)	1850 - 1869	Spliced using overlapping data in 1870: (ratio = 136.3%).. Data refers to general government.
Jordà et al. (2017)	1870 - 1971	Spliced using overlapping data in 1972: (ratio = 154.7%).. Data refers to central government.
World Bank (2024)	1972 - 1979	Spliced using overlapping data in 1980: (ratio = 130.7%).. Data refers to general government.
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018. Data refers to general government.



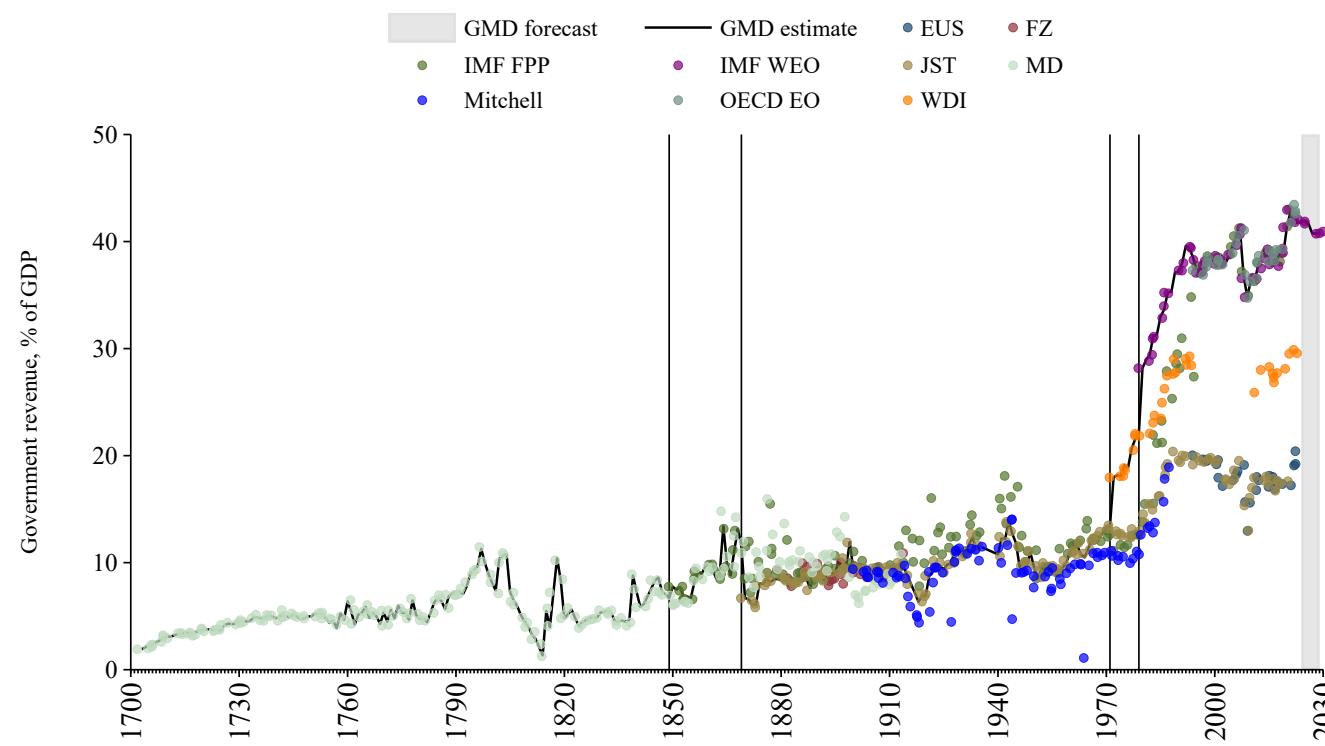
## Government revenue

Source	Time span	Notes
Mitchell (2013)	1850 - 1869	Spliced using overlapping data in 1870: (ratio = 114%).. Data refers to central government.
Jordà et al. (2017)	1870 - 1971	Spliced using overlapping data in 1972: (ratio = 195.1%).. Data refers to central government.
World Bank (2024)	1972 - 1979	Spliced using overlapping data in 1980: (ratio = 127%).. Data refers to general government.
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018. Data refers to general government.



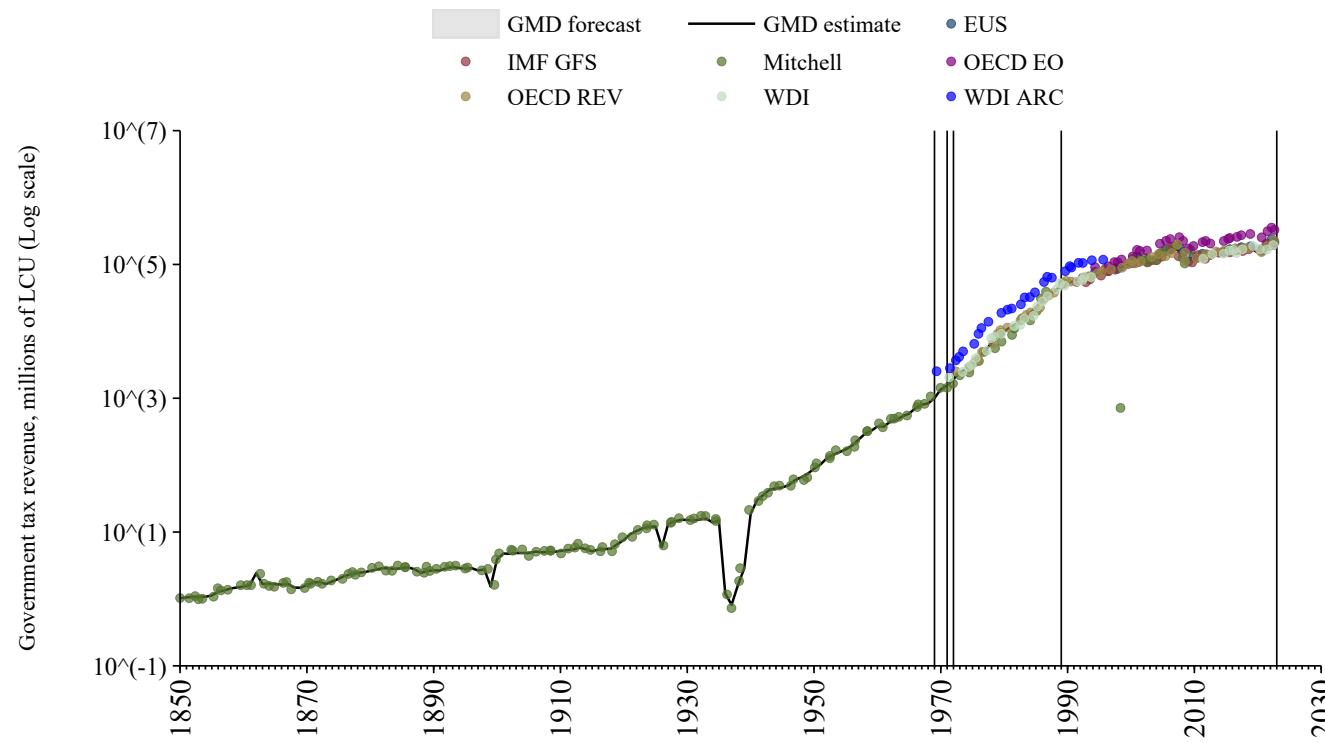
## Government revenue to GDP ratio

Source	Time span	Notes
Cox and Dincecco (2021)	1703 - 1849	Spliced using overlapping data in 1850. Data refers to central government.
Mauro et al. (2015)	1850 - 1869	Spliced using overlapping data in 1870. Data refers to general government.
Jordà et al. (2017)	1870 - 1971	Spliced using overlapping data in 1972. Data refers to central government.
World Bank (2024)	1972 - 1979	Spliced using overlapping data in 1980. Data refers to general government.
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018. Data refers to general government.



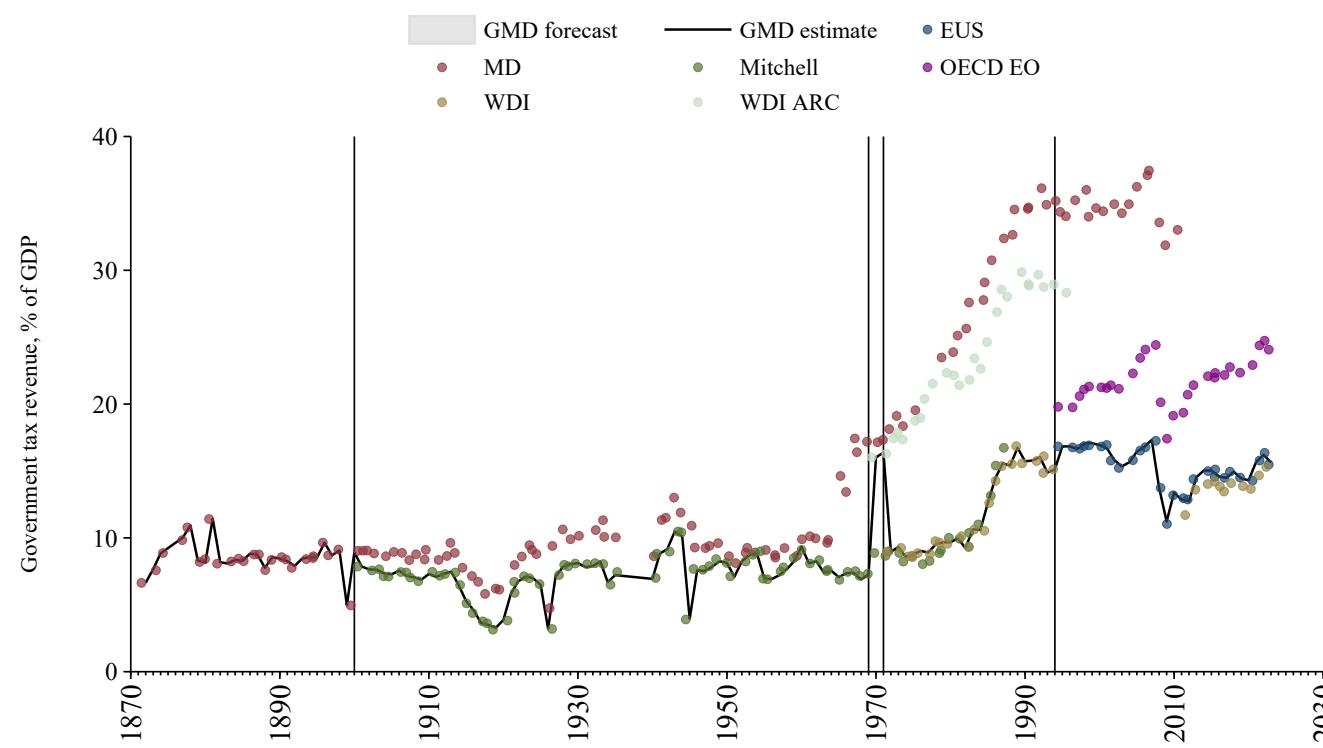
## Government tax revenue

Source	Time span	Notes
Mitchell (2013)	1850 - 1969	Spliced using overlapping data in 1970: (ratio = 99.2%).. Data refers to central government.
World Bank (Archives) (1999)	1970 - 1971	Spliced using overlapping data in 1972: (ratio = 53.3%).. Data refers to general government.
World Bank (2024)	1972 - 1972	Spliced using overlapping data in 1973: (ratio = 94.8%).. Data refers to general government.
OECD (2024c)	1973 - 1989	Spliced using overlapping data in 1990: (ratio = 96.2%).. Data refers to general government.
International Monetary Fund (2024a)	1990 - 2022	Baseline source, overlaps with base year 2018. Data refers to central government.
Commission (2024)	2023 - 2023	Spliced using overlapping data in 2024: (ratio = 95.7%).. Data refers to general government.



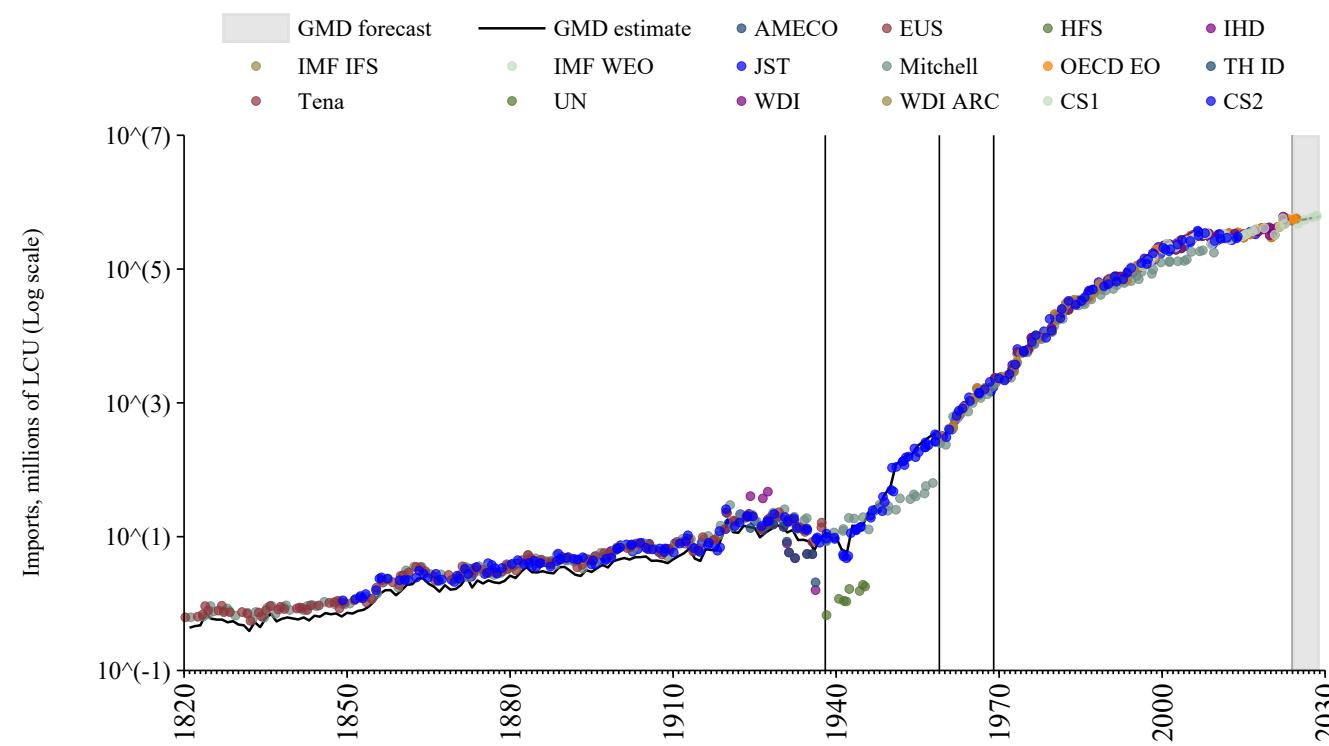
## Government tax revenue to GDP ratio

Source	Time span	Notes
Cox and Dincecco (2021)	1872 - 1900	Spliced using overlapping data in 1901. Data refers to general government.
Mitchell (2013)	1901 - 1969	Spliced using overlapping data in 1970. Data refers to central government.
World Bank (Archives) (1999)	1970 - 1971	Spliced using overlapping data in 1972. Data refers to central government.
World Bank (2024)	1972 - 1994	Spliced using overlapping data in 1995. Data refers to central government.
Commission (2024)	1995 - 2023	Baseline source, overlaps with base year 2018. Data refers to general government.



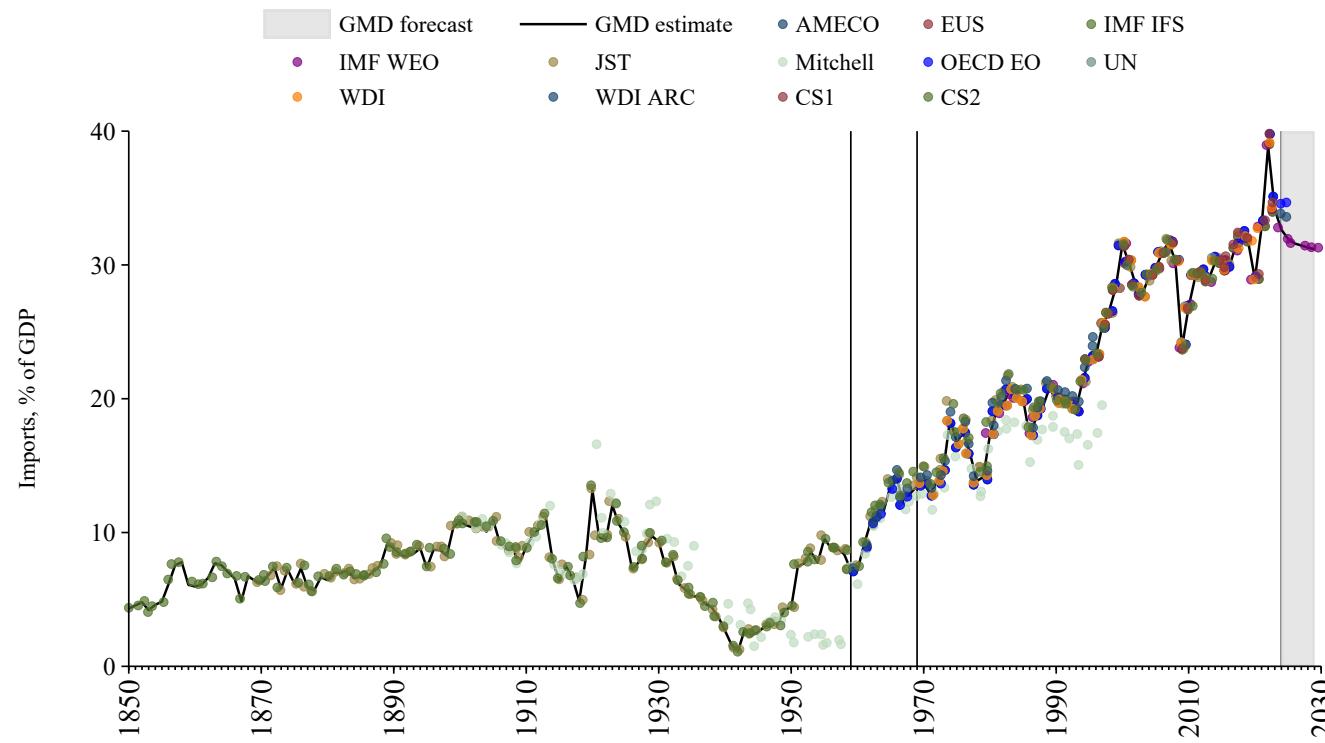
# Imports

Source	Time span	Notes
Federico and Tena-Junguito (2019)	1821 - 1938	Spliced using overlapping data in 1939: (ratio = 69.8%)..
Banco de España (2021)	1939 - 1959	Spliced using overlapping data in 1960: (ratio = 115.7%)..
OECD Economic Outlook (2024)	1960 - 1969	Spliced using overlapping data in 1970: (ratio = 100.1%)..
World Bank (2024)	1970 - 2023	Baseline source, overlaps with base year 2018.
WEO (2024)	2024 - 2029	Spliced using overlapping data in 2030.



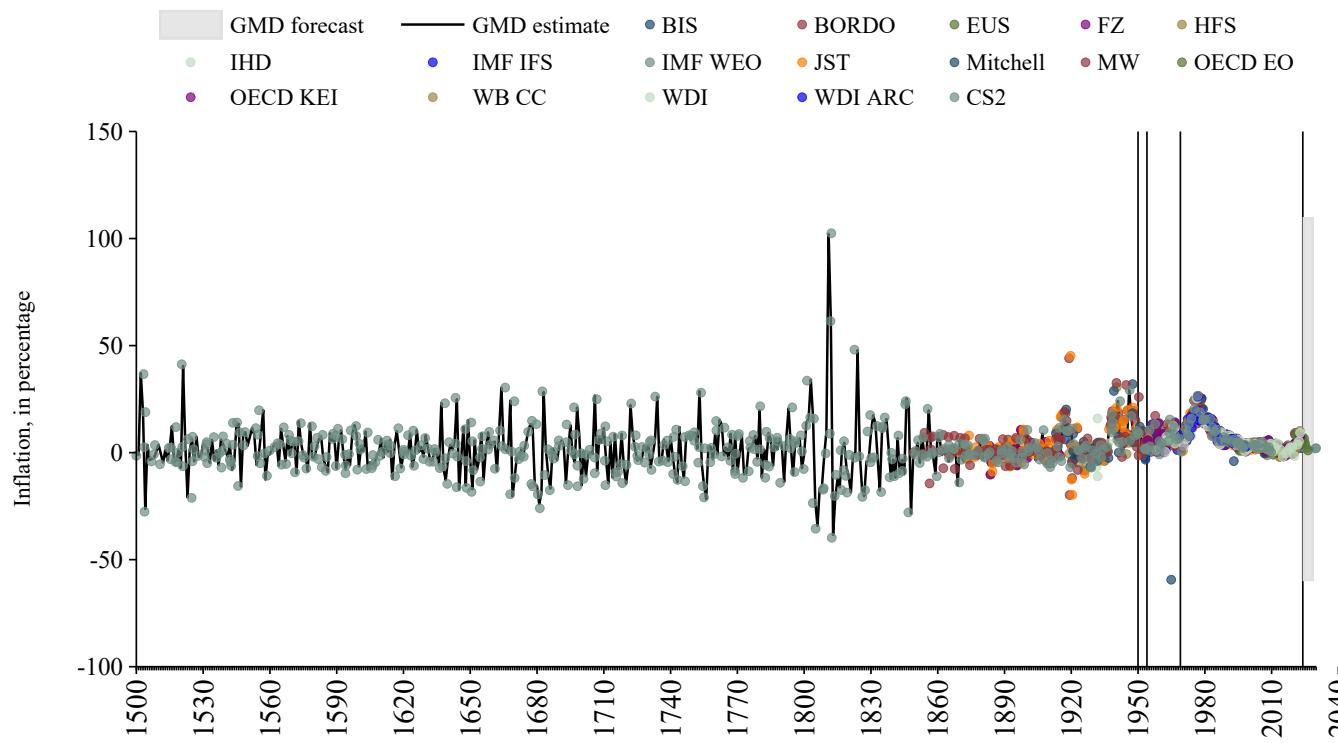
## Imports to GDP ratio

Source	Time span	Notes
Banco de España (2021)	1850 - 1959	Spliced using overlapping data in 1960: (ratio = 98.6%)..
OECD Economic Outlook (2024)	1960 - 1969	Spliced using overlapping data in 1970: (ratio = 101%)..
World Bank (2024)	1970 - 2023	Baseline source, overlaps with base year 2018.
WEO (2024)	2024 - 2029	Spliced using overlapping data in 2030.



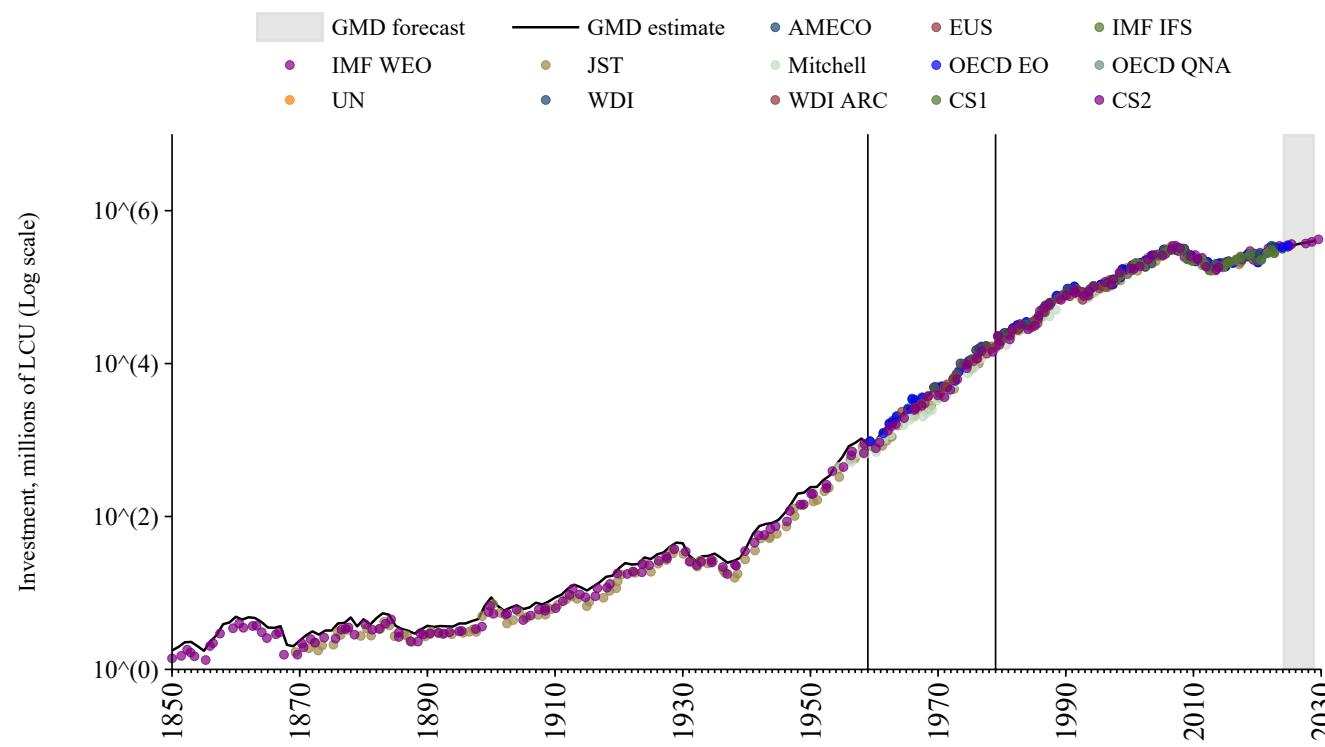
# Inflation

Source	Time span	Notes
Banco de España (2021)	1501 - 1950	Spliced using overlapping data in 1951.
International Monetary Fund (2024b)	1951 - 1954	Spliced using overlapping data in 1955.
Bank for International Settlements (2024)	1955 - 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.



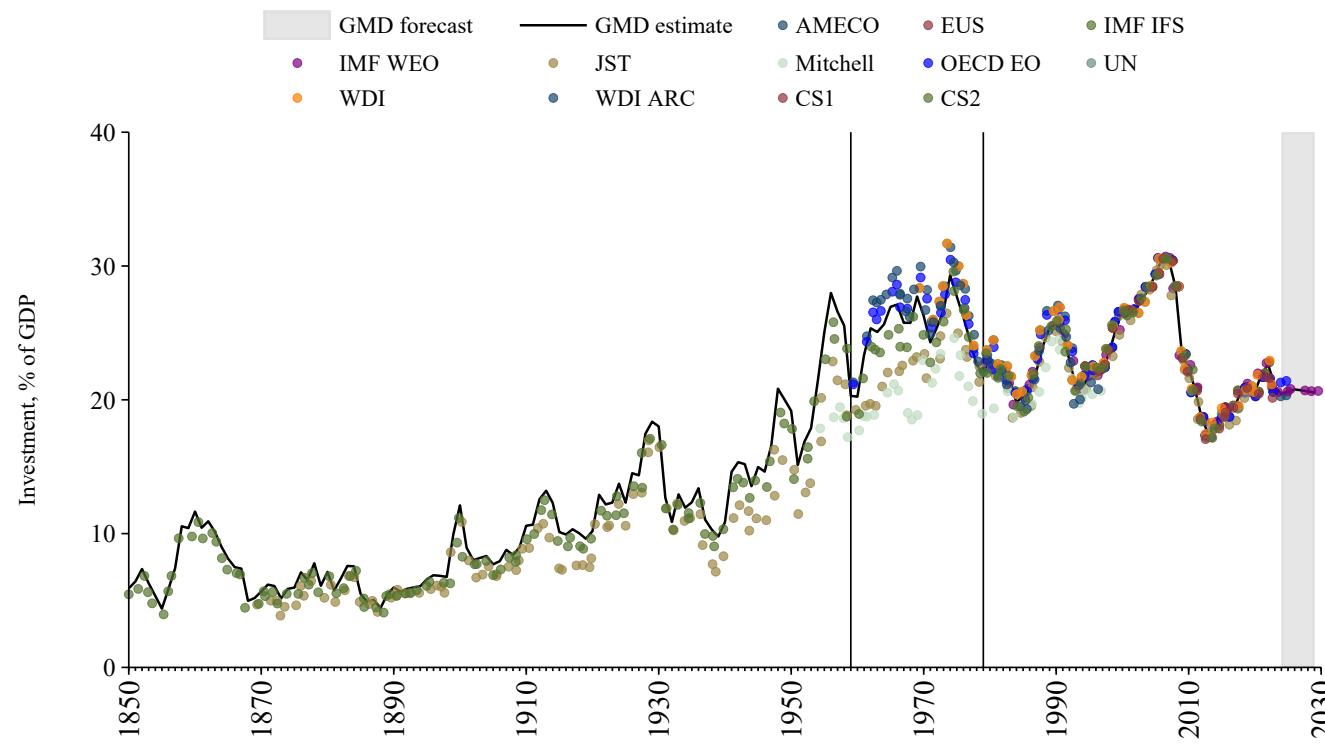
# Investment

Source	Time span	Notes
Banco de España (2021)	1850 - 1959	Spliced using overlapping data in 1960: (ratio = 126.7%)..
OECD Economic Outlook (2024)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 94.7%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



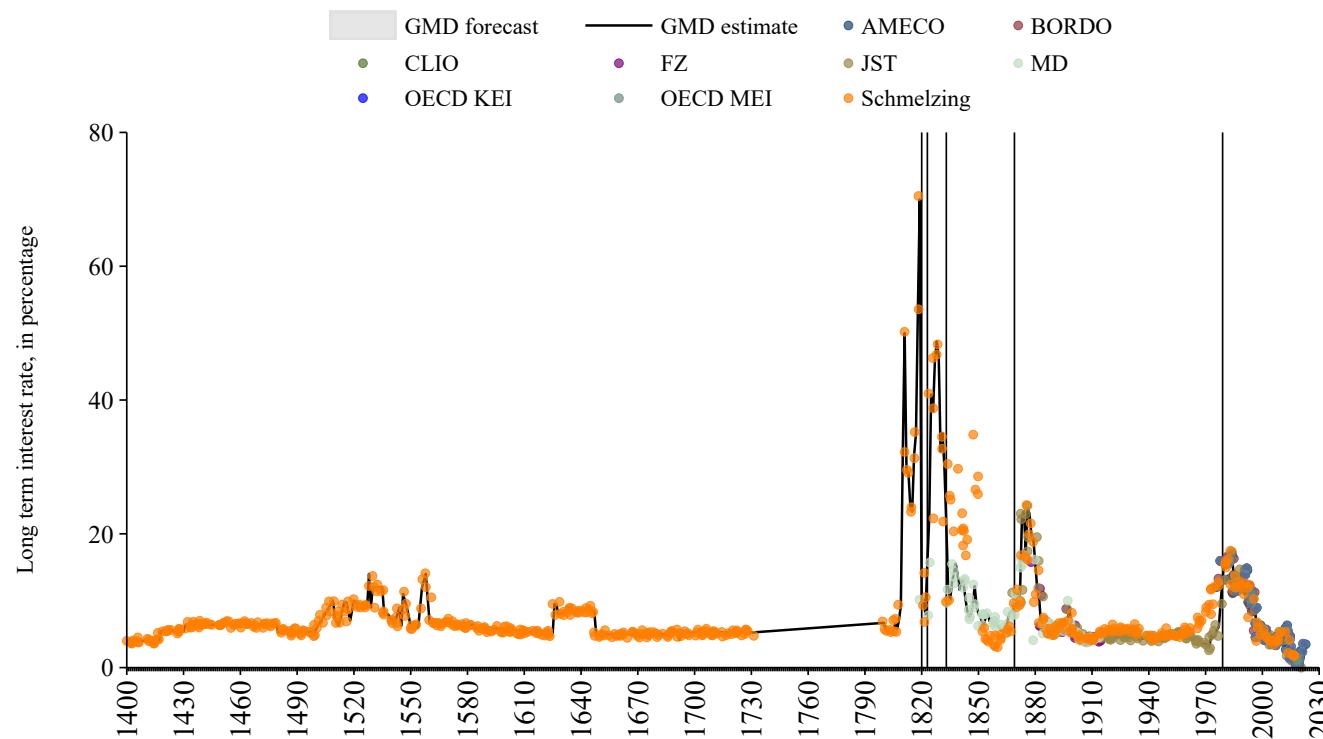
## Investment to GDP ratio

Source	Time span	Notes
Banco de España (2021)	1850 - 1959	Spliced using overlapping data in 1960: (ratio = 108.1%)..
OECD Economic Outlook (2024)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 95.6%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



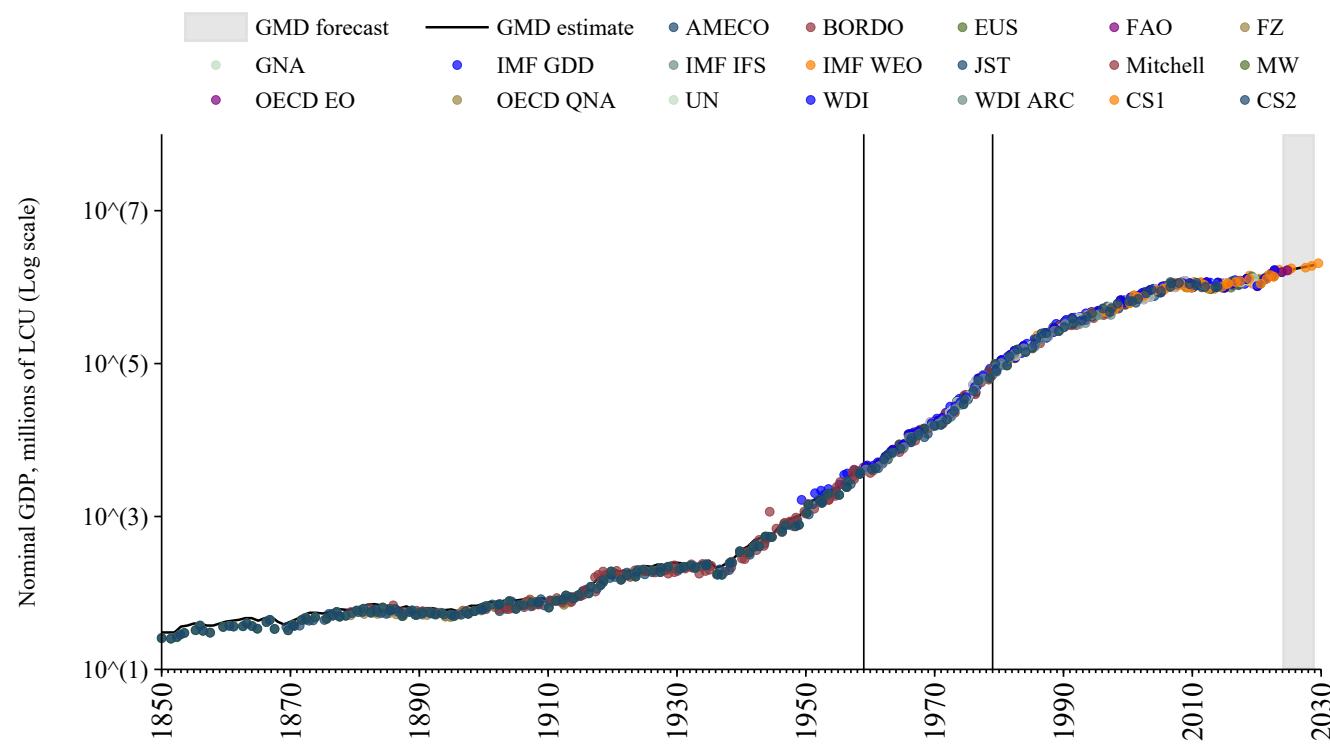
## Long term interest rate

Source	Time span	Notes
Schmelzing (2019)	1400 - 1820	Spliced using overlapping data in 1821.
Cox and Dincecco (2021)	1821 - 1823	Spliced using overlapping data in 1824.
Schmelzing (2019)	1824 - 1833	Spliced using overlapping data in 1834.
Cox and Dincecco (2021)	1834 - 1869	Spliced using overlapping data in 1870.
Jordà et al. (2017)	1870 - 1979	Spliced using overlapping data in 1980.
OECD (2024b)	1980 - 2023	Baseline source, overlaps with base year 2018.



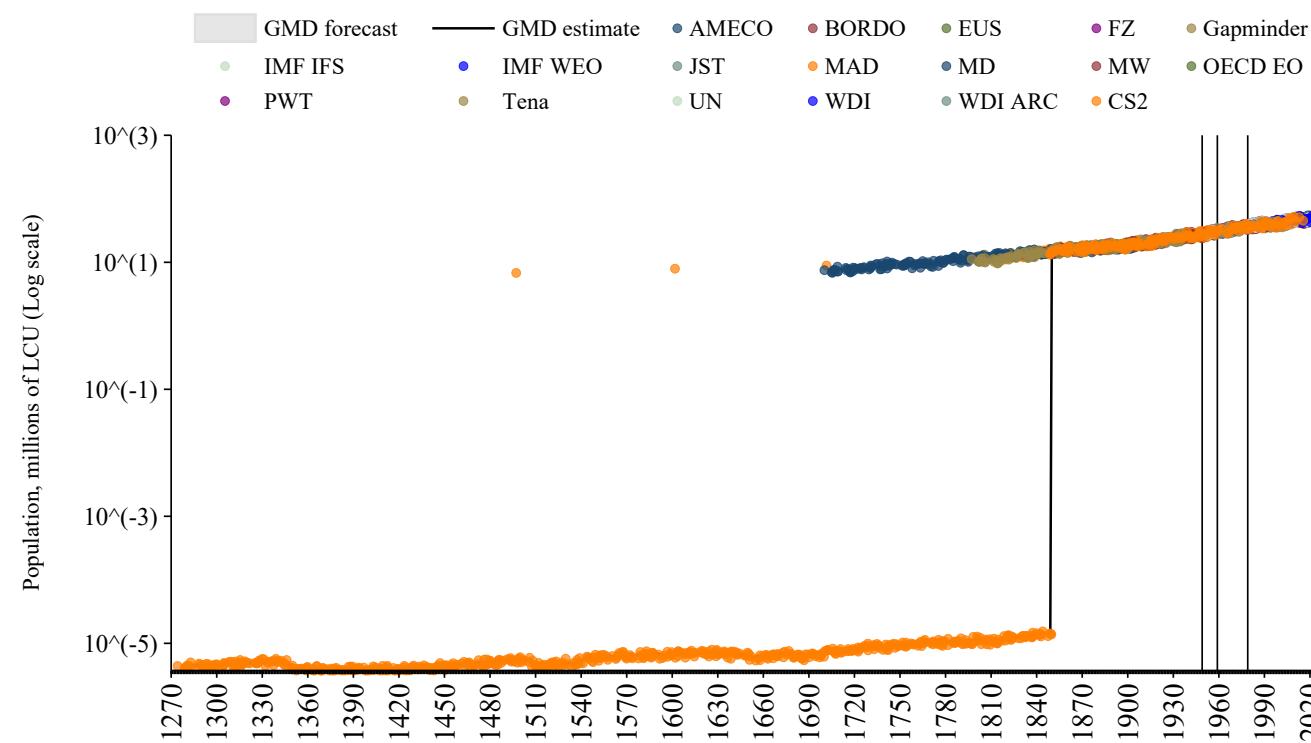
## Nominal GDP

Source	Time span	Notes
Officer and Williamson (2024)	1850 - 1959	Spliced using overlapping data in 1960: (ratio = 117.2%)..
OECD Economic Outlook (2024)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 99%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



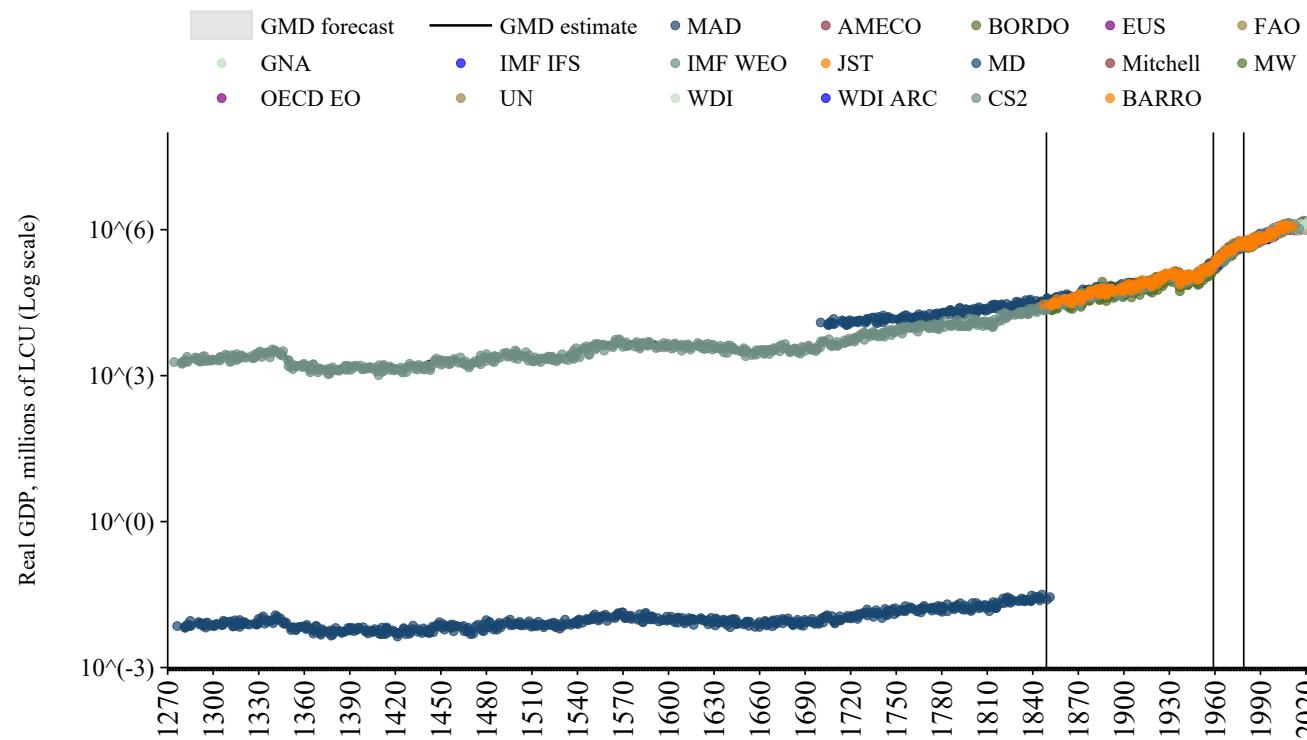
# Population

Source	Time span	Notes
Banco de España (2021)	1277 - 1949	Spliced using overlapping data in 1950: (ratio = 100.9%)..
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 = 100.4%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.
Gapminder (2024)	2030 - 2030	Spliced using overlapping data in 2031: (ratio = 106.4%)..



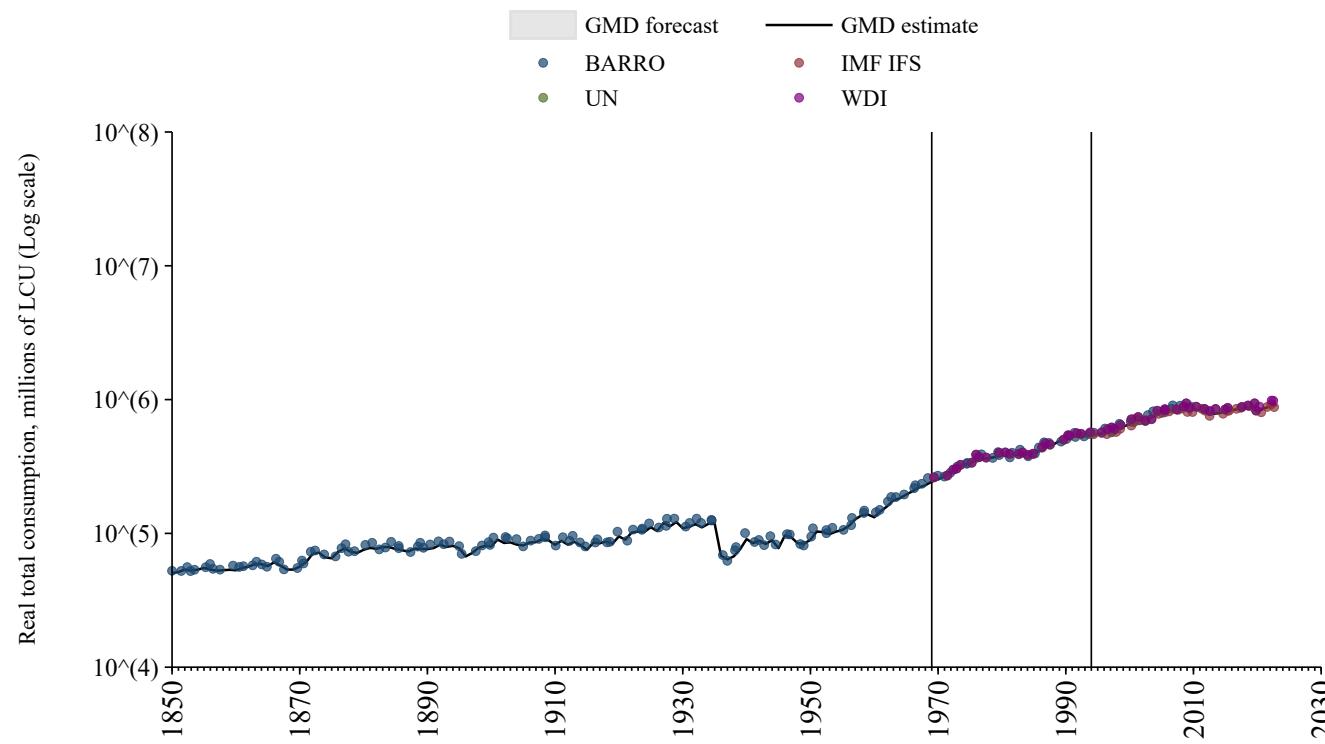
## Real GDP

Source	Time span	Notes
Banco de España (2021)	1277 - 1849	Spliced using overlapping data in 1850: (ratio = 105.8%)..
Officer and Williamson (2024)	1850 - 1959	Spliced using overlapping data in 1960: (ratio = 124.8%)..
OECD Economic Outlook (2024)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 98.9%)..
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



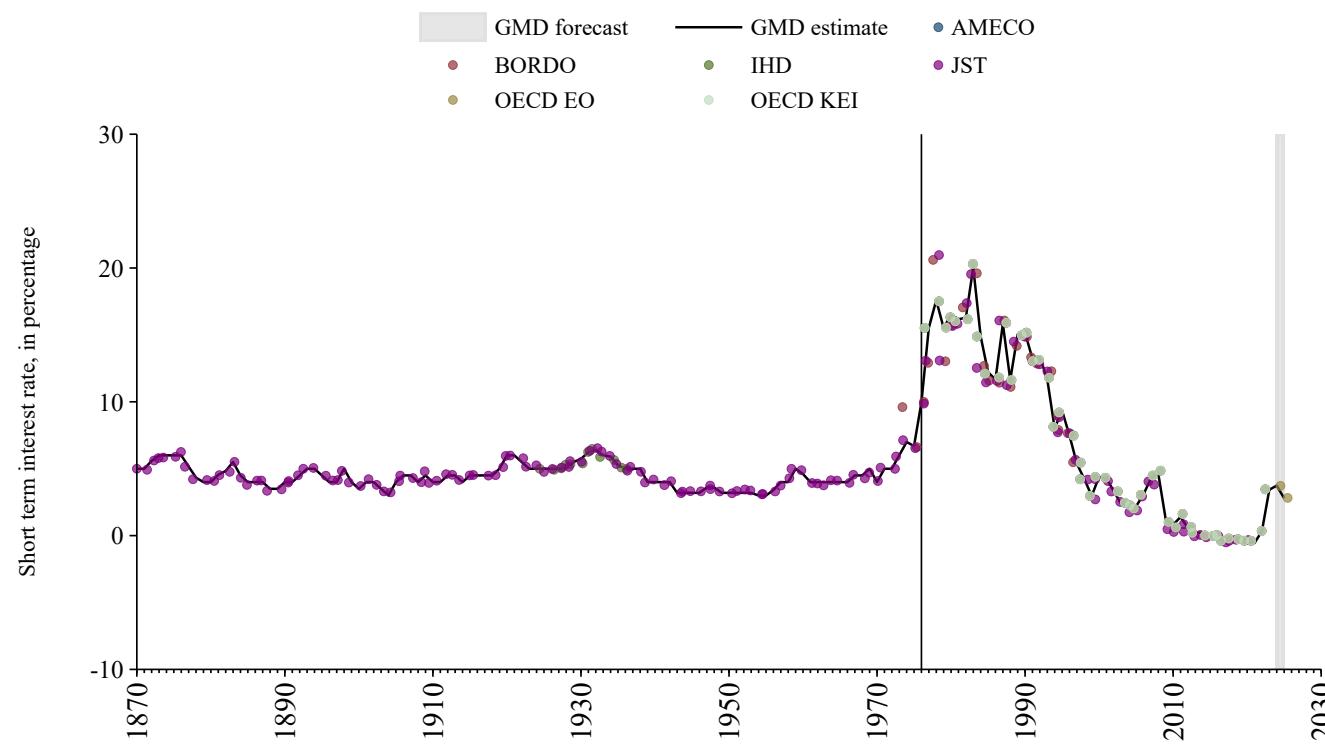
## Real total consumption

Source	Time span	Notes
<a href="#">Barro and Redlick (2011)</a>	1850 - 1969	Spliced using overlapping data in 1970: (ratio = 96.4%)..
<a href="#">World Bank (2024)</a>	1970 - 1994	Spliced using overlapping data in 1995: (ratio = 96.4%)..
<a href="#">International Monetary Fund (2024b)</a>	1995 - 2023	Baseline source, overlaps with base year 2018.



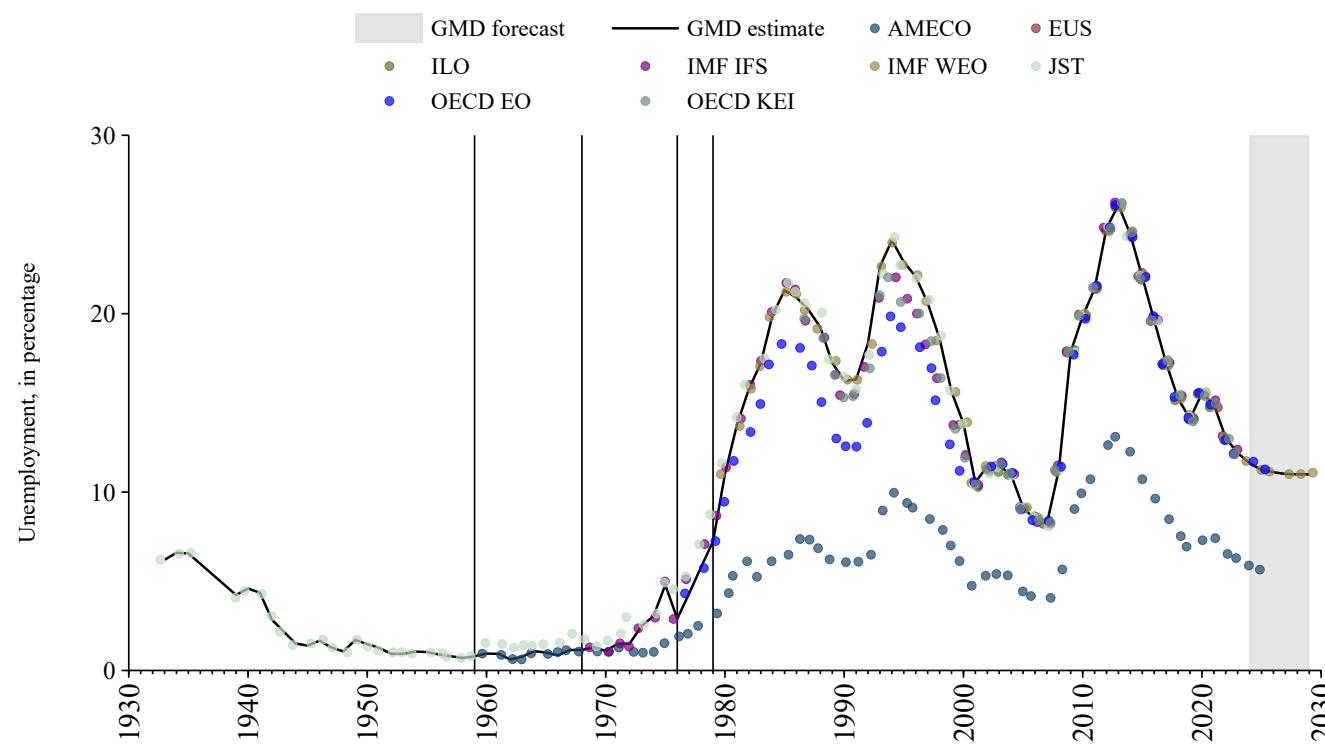
## Short term interest rate

Source	Time span	Notes
Jordà et al. (2017)	1870 - 1976	Spliced using overlapping data in 1977.
OECD (2024a)	1977 - 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
Jordà et al. (2017)	1933 - 1959	Spliced using overlapping data in 1960.
European Commission (2024)	1960 - 1968	Spliced using overlapping data in 1969.
International Monetary Fund (2024b)	1969 - 1976	Spliced using overlapping data in 1977.
OECD Economic Outlook (2024)	1977 - 1979	Spliced using overlapping data in 1980.
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018.



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