



STATISTICS

Sectoral Financial Accounts—Regional Data Availability and Policy Uses

NINTH MEETING OF THE TECHNICAL COMMITTEE OF THE
ARAB STATISTICS INITIATIVE

NOVEMBER 10, 2022

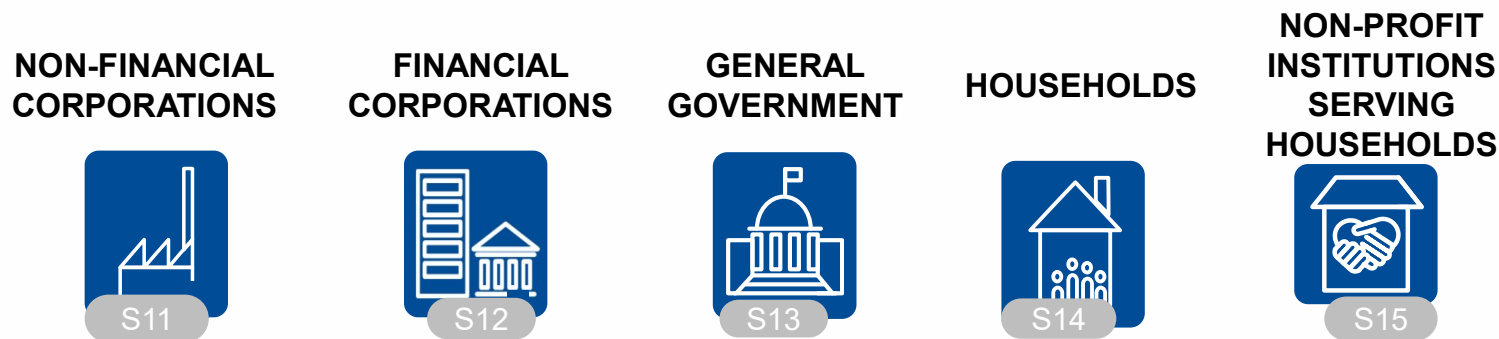
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Presentation Outline

- **Structure of the Accounts**
- **Data Availability**
- **Analytical Uses of the Data**

The Structure of the SNA

The total economy is split into five institutional sectors at the highest level

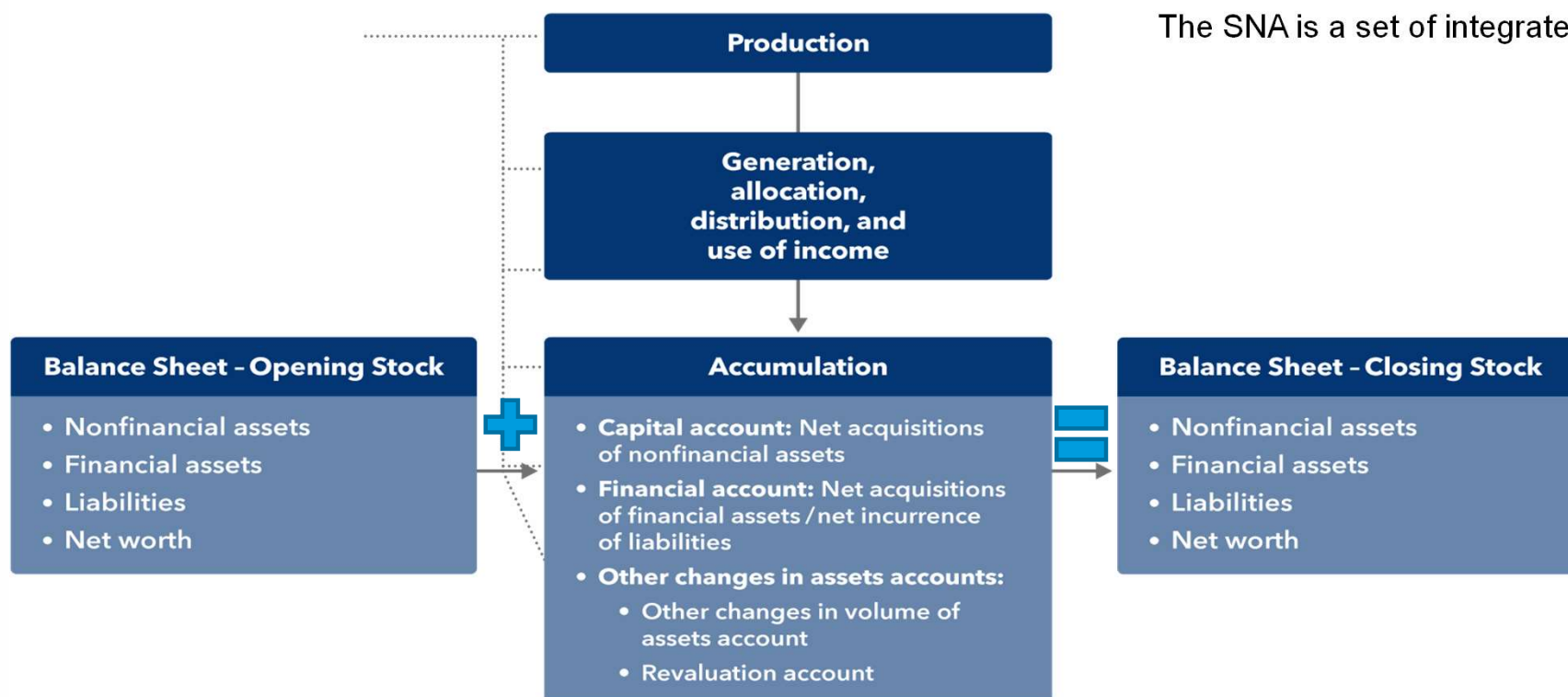


Institutional units are classified into sectors based on their functions and purpose.

Each sector can be further classified into sub-sectors. For example, the financial corporations sector comprises nine subsectors.

The Structure of the SNA

The SNA is a set of integrated accounts



- The SNA is fully integrated. This means that the difference between opening and closing stocks can be fully explained by the accumulation accounts

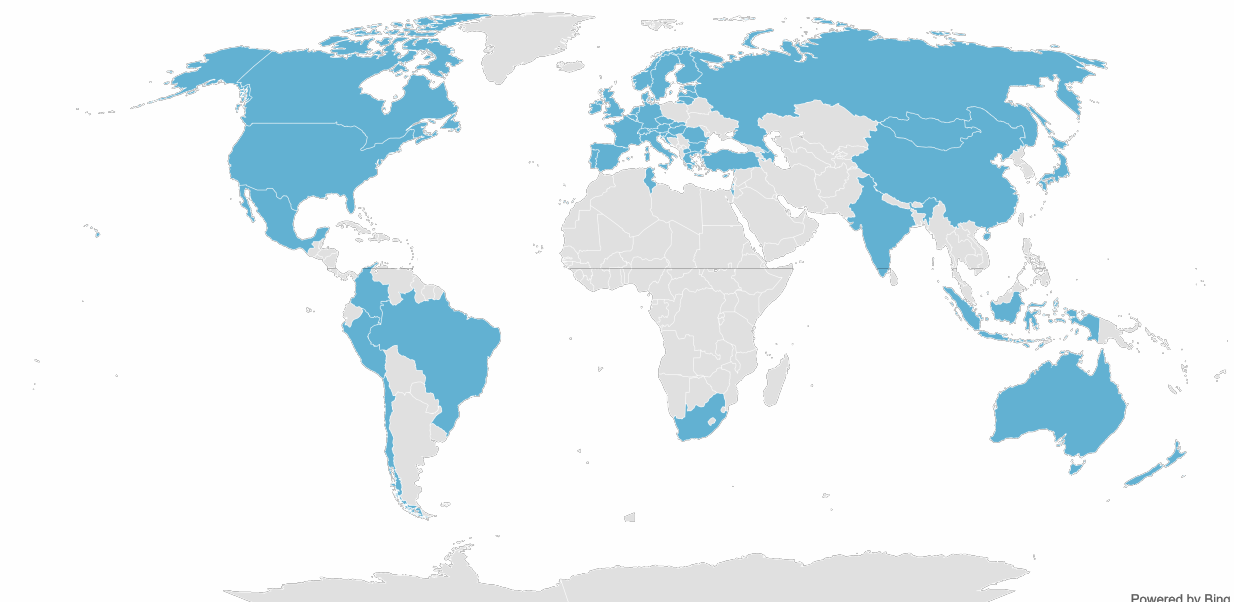
Data Availability: The G-20 Data Gaps Initiative and Addressing Data Gaps

In response to the 2008/09 Global Financial Crisis – the G20, led by the Interagency Group on Economic and Financial Statistics (IAG) and the Financial Stability Board (FSB) sought to address the data gaps on balance sheet estimates through phases 1 and 2 of the Data Gaps Initiative (DGI).

Related Recommendations:

- **DGI – 1 (Rec. 15)** - develop a strategy to promote the compilation and dissemination of the balance sheet approach, flow of funds, and sectoral data more generally, starting with the G20 economies.
- **DGI – 2 (Rec. 8)** - encouraged G20 and non-G20 FSB economies to compile and disseminate sectoral accounts flows **and balance sheet data**, including data for the other (non-bank) financial corporations sector, and develop from-whom to-whom matrices for both transactions and stocks to support balance sheet analysis.

Data Availability: The G-20 Data Gaps Initiative and Addressing Data Gaps



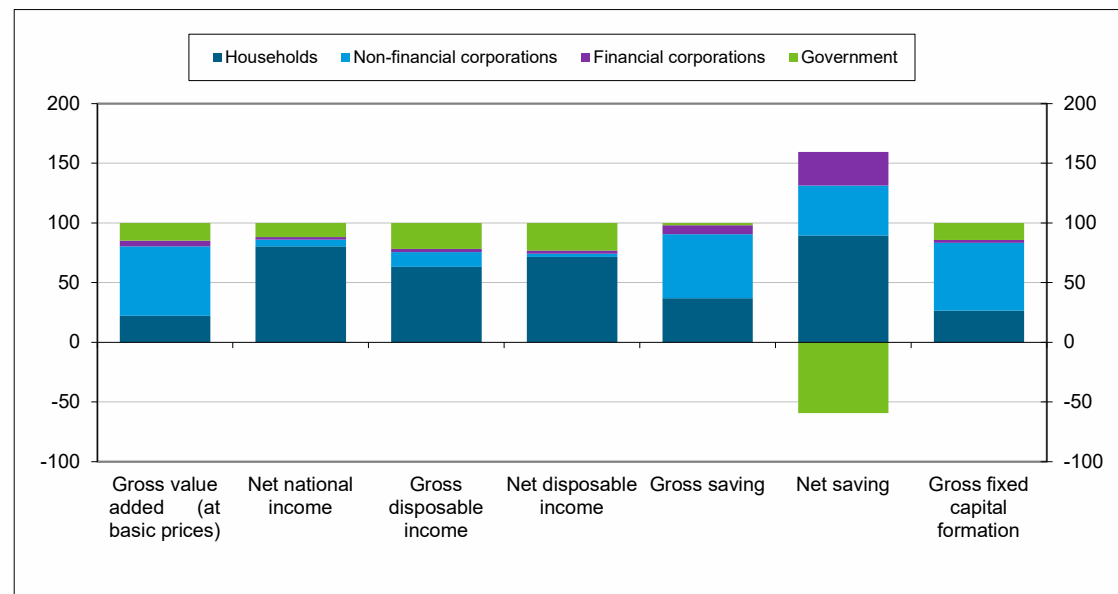
Database

Download data from OECD.Stat Extracts. They are updated on a daily basis.

- » [Financial Accounts Flows - Consolidated data](#)
- » [Financial Accounts Flows - Non consolidated data](#)
- » [Financial Balance Sheets - Consolidated data](#)
- » [Financial Balance Sheets - Non consolidated data](#)

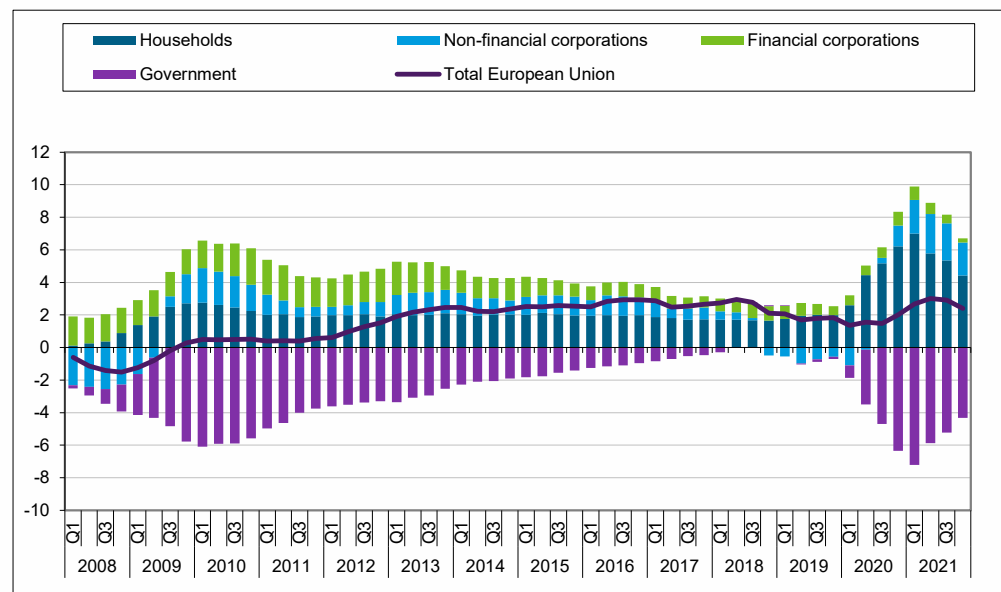
- Financial balance sheet data are available for ≈ 50 economies. In most cases, these are G20, non-G20 OECD economies, and EU member states.
- Through STA's CD program, TA is being provided to several emerging & developing economies to build capacity and develop these data.
- Some countries in the region compile limited sector accounts and balance sheets (e.g., Lebanon, Morocco, Tunisia).
- IMF is providing TA to some countries in the region on compiling sector accounts

Euro Area: Shares of sectors in key aggregates 2009 - 2020 average



Sources: Eurostat and ECB

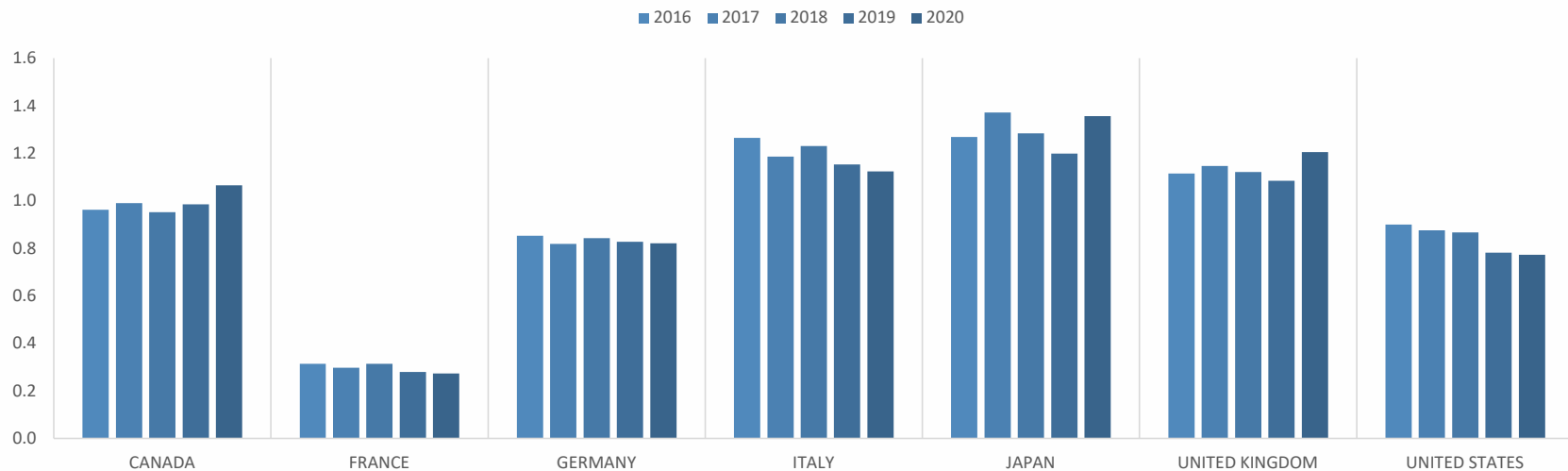
Euro Area: Contributions of sectors to the net lending (+)/net borrowing (-)



Sources: Eurostat and ECB

Ratio of Fixed Assets to Financial Assets

Provides an indication of the structural differences and changes in asset investment, which can be used to assess whether emphasis has shifted towards or against investment in financial assets.

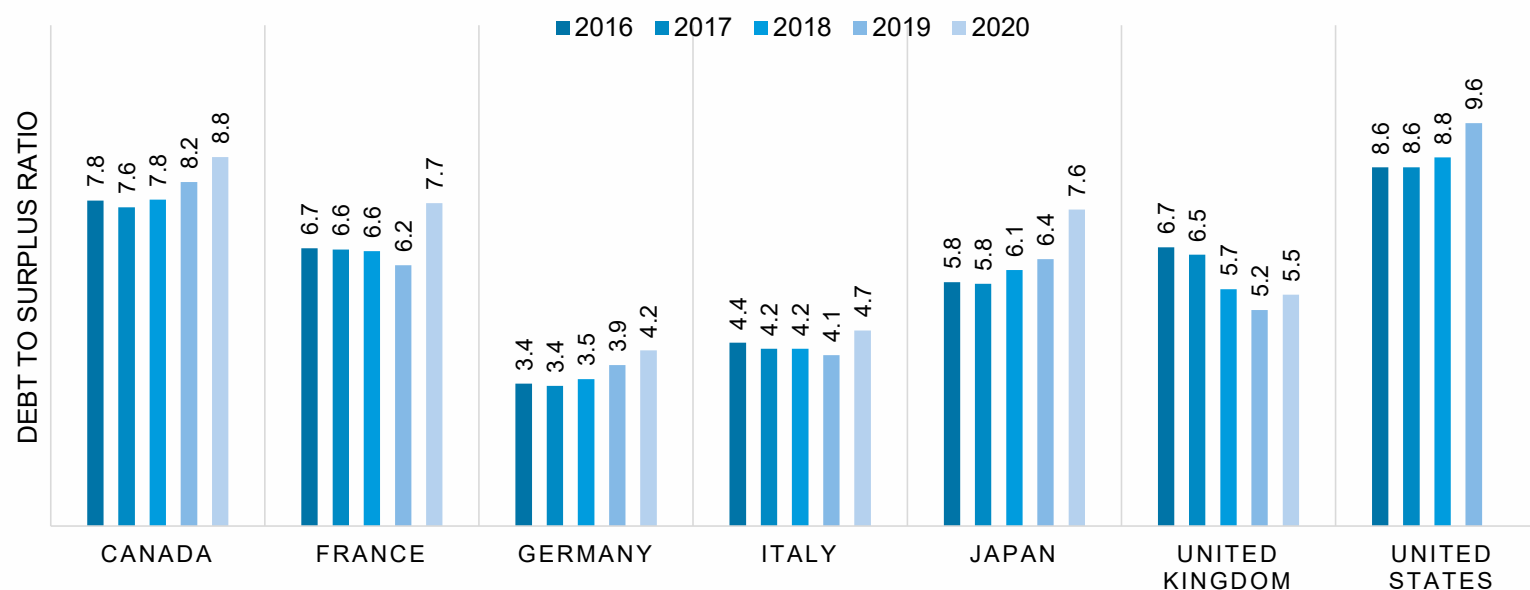


Source: OECD.Stat

Analytical Uses of Data: Structure & Use of Funds

- The debt to surplus ratio looks at the sustainability of the sector's cash flows to service their debt and mitigate any potential spillovers to other sectors (creditors).

Debt to Operating Surplus in G7 Economies



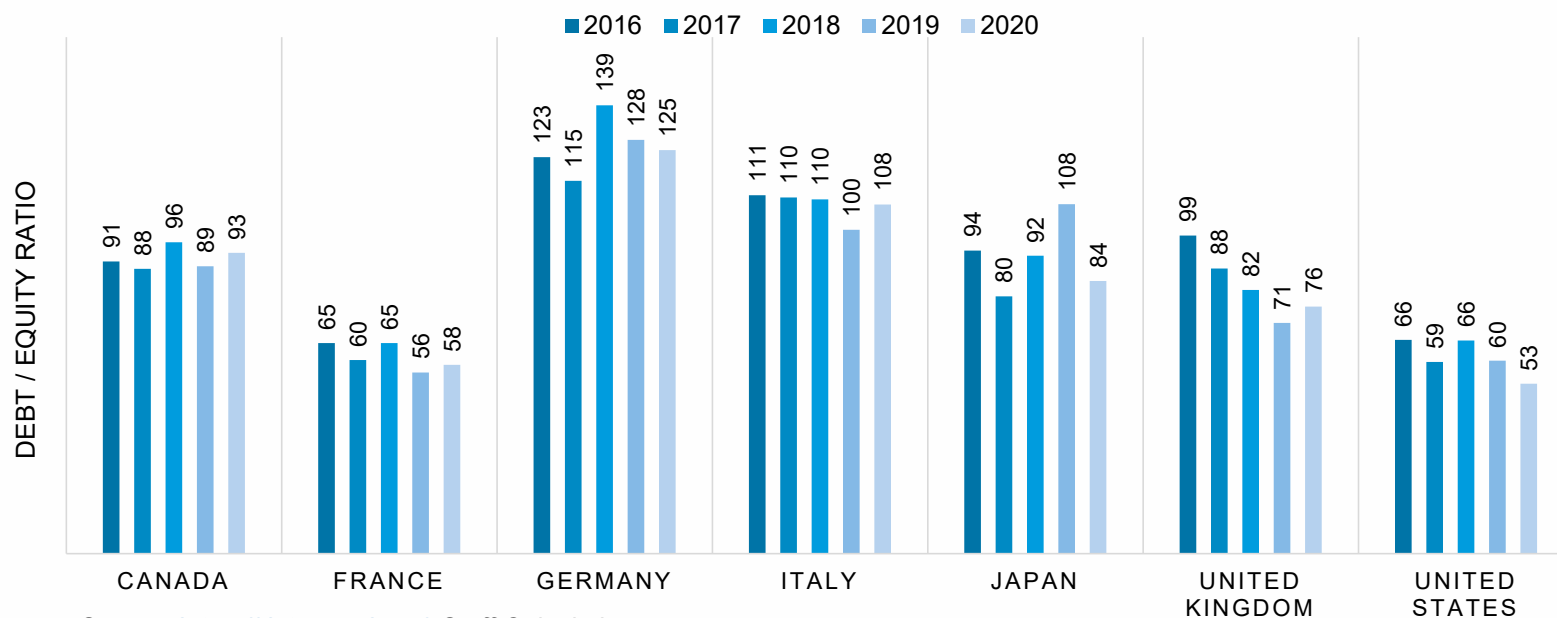
Source: <https://data.oecd.org/corporate/non-financial-corporations-debt-to-surplus-ratio.html>

The increasing ratios show that NFCs are increasing their debt liabilities without a proportionate increase in their annual operating surplus flows to cover repayment of debt/interest cost.

Analytical Uses of Data: Structure and Use of Funds

- For NFCs, debt securities and loans are key instruments - they are also relevant for financial corporations, but not in the same proportion.
- The leverage ratio looks at the structure of the NFCs' balance sheets and any potential vulnerabilities from excess leverage.

Debt to Equity Ratio in G7 Economies



Source: <https://data.oecd.org/>; Staff Calculations

Thank You