Conference of European Statisticians, Group of Experts on National Accounts
Geneva, 17-20 May 2016

Data sharing for macro-economic statistics
*International activities and European perspective*

Daniel Suranyi
Eurostat
Official statistics: the challenge...

- More timely policies
- Commercial providers
  - GDP T+30
- Official reference
  - Cross-domain usage

Fast

Good

Cheap

Shrinking resources
Data cooperation: the vision
Delivering on the vision: 3 pillars

• IAG G-20 Data Gaps Initiative

• Common coding frameworks

• Technical and statistical standards
Delivering on the vision: 3 pillars

• IAG G-20 Data Gaps Initiative
  • Data gaps, statistical issues and data collection
    ➢ International data cooperation
  • Common coding frameworks

• Technical and statistical standards
Delivering on the vision: 3 pillars

- IAG G-20 Data Gaps Initiative

- Common coding frameworks
  - SDMX-MES Ownership Group
    - Data structures for SNA & ESA

- Technical and statistical standards
Delivering on the vision: 3 pillars

• IAG G-20 Data Gaps Initiative

• Common coding frameworks

• Technical and statistical standards
  • SNA / ESA → Statistical handbooks
  ➢ SDMX → Data exchange standards
Governance Overview

SDMX Sponsors

...manage the standard  cross domain

SDMX–MES Ownership Group

... manage the structures  domain specific (MES)

Users, e.g. IAG International Data Cooperation

... use the structures  provide feedback
Coverage
SDMX-MES

SDMX-MES

NA & GFS

FDI

BOP

Prices

Eurostat
Usage of structures

Data Cooperation: GDP dataset live

Data Cooperation: SecAcc & BoP datasets to come

Data reporting & dissemination:
- ESA, BPM6, FDI → Eurostat, ECB
- SNA → OECD, UNSD (in preparation)
- SDDS+ → IMF

Many

Many

More

...
Data cooperation: current setup

SDMX Push for now

Existing dissemination systems

Eurostat

ESA

SNA

International Monetary Fund

TFIDC receivers

BIS
ECB
Eurostat
IMF
OECD
UN
WB

SDMX Push

SDDS+
SDDS+ national setup

NSDP+

Economic and financial data for Italy

The data shown in this page correspond to the data described on the International Monetary Fund's Dissemination Standards Bulletin Board (DSBB). For a fuller explanation of the SDDS and the statistical standards to which it has been harmonized, please click on the Eurostat logo.

The data are provided by Istat (Italy, Istituto Nazionale di Statistica), a Ministry of the Economy and Finance, with the exception of the "Household consumption (index)" data category provided by Istat (Italy, Istituto Nazionale di Statistica).
Eurostat / ECB support...

Links to EU legal framework → SDMX mappings → Software Solution?

NSDP+

Economic and financial data for Italy

The data shown in this page correspond to the data described in the International Monetary Fund’s Dissemination Standards Bulletin Board (DSBB). For a fuller explanation of the SDSS and the statistical standards to which it’s been connected, please click on the Eurostat/ECB support? page. The following data are provided by Istat (Italy, Istituto Nazionale di Statistica), one of the leading national statistical institutes in the world, with the exception of the "Non-financial assets of non-financial corporations" data category, provided by the Bank of Italy (Banca d’Italia).

<table>
<thead>
<tr>
<th>Data Category</th>
<th>Table</th>
<th>SDSS</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>National income (GDP)</td>
<td>Mat</td>
<td>SDSS</td>
<td></td>
</tr>
<tr>
<td>National income (GDP)</td>
<td>Mat</td>
<td>SDSS</td>
<td></td>
</tr>
<tr>
<td>National balance sheet</td>
<td>Mat</td>
<td>SDSS</td>
<td></td>
</tr>
<tr>
<td>Production index</td>
<td>Mat</td>
<td>SDSS</td>
<td></td>
</tr>
<tr>
<td>Employment</td>
<td>Mat</td>
<td>SDSS</td>
<td></td>
</tr>
<tr>
<td>Unemployment</td>
<td>Mat</td>
<td>SDSS</td>
<td></td>
</tr>
<tr>
<td>Unemployment rate</td>
<td>Mat</td>
<td>SDSS</td>
<td></td>
</tr>
<tr>
<td>Consumer prices</td>
<td>Mat</td>
<td>SDSS</td>
<td></td>
</tr>
<tr>
<td>Producer prices</td>
<td>Mat</td>
<td>SDSS</td>
<td></td>
</tr>
<tr>
<td>Financial sector</td>
<td>Mat</td>
<td>SDSS</td>
<td></td>
</tr>
<tr>
<td>General government operations</td>
<td>Mat</td>
<td>SDSS</td>
<td></td>
</tr>
<tr>
<td>General government operations (domestic)</td>
<td>Mat</td>
<td>SDSS</td>
<td></td>
</tr>
<tr>
<td>General government final consumption</td>
<td>Mat</td>
<td>SDSS</td>
<td></td>
</tr>
</tbody>
</table>

SDDS+
Data cooperation delivers...

- Shorter throughput from producer to user
- Economy of scale & scope
- Transparent data quality standards (validation rules)

[Diagram showing Fast, Good, Cheap intersections with icons for Eurostat and OECD]