ONLINE   **LABOUR STATISTICS**

SDMX - STATISTICAL DATA AND METADATA EXCHANGE

6 – 17 NOVEMBER 2023

Information Note

International Labour Organization

ITC — International Training Centre

INTRODUCTION/BACKGROUND

Statistical data exchanges often take place in an ad-hoc manner, using all kinds of formats and non-standard concepts, hence the need for common standards, guidelines and tools to enable more efficient processes for exchanging and sharing statistical data and metadata. SDMX (Statistical Data and Metadata eXchange) is an international initiative that aims to standardize and modernize ("industrialize") the mechanisms and processes for the exchange of statistical data and metadata among international organizations and their member countries. The standard has evolved in recent times, going beyond straightforward data exchange and now enabling more efficient and reliable data storage and dissemination. SDMX is a business choice (as opposed to a technical choice), improving the quality of statistical data-processing and exchange through standardization, automation, validation and data-sharing. SDMX is a standard (indeed an ISO standard, 17369:2013) designed to describe statistical data and metadata, normalize their exchange and enable them to be shared more efficiently among organizations. To meet these three requirements, SDMX has three key components: 1. Technical standards (including the Information Model); 2. Statistical guidelines; 3. An IT architecture and tools. SDMX is therefore much more than a mere data-transmission format. All labour market information (LMI) systems implemented with the assistance of the ILO are based on and make intensive use of SDMX. The International Training Centre of the ILO (ITCILO) in close coordination with the ILO Department of Statistics is proud to present the *First Edition* of the course SDMX - Statistical Data And Metadata Exchange to take place **online between the 6th and the 17th** of **November**, 2023.

LEARNING OBJECTIVES

The main objective of the course is to "enable participants to understand the scope, architecture and features of SDMX, in particular those features that support more efficient processes for reporting, exchanging and disseminating statistical data and metadata."

More specifically, the course will enable participants to:
- Assess how to take advantage of SDMX in their day-to-day work;
- Understand DSDs and MSDs, and how they reflect requirements for data and metadata exchange;
- Work together (statisticians and IT specialists within an organization) in planning for SDMX in their domain;
- Learn how to model data in using SDMX for data-exchange, storage and/or dissemination;
- Understand the relationship between SDMX and the production of statistics;

- Understand the different roles of organizations in the collection and production of statistics and their relationship with SDMX;
- Understand (in broad terms) the different tools available in the market, and the architecture that can be developed;
- Understand how SDMX enables data harmonization across a system.

TARGET AUDIENCE

The course targets:
- National statistical offices (NSOs); IT specialists; Ministries of labour and related Institutions (such as labour observatories); Governmental agencies responsible for labour-market data analysis and national SDG reporting; ILO social partners (employers' and workers' organizations); Research and academic institutions; International organizations; Development agencies; Non-governmental organizations; etc.

TRAINING METHODOLOGY

The course is constructed as follows:
- **Harnessing digital learning technology**
  - Interactive online platform
  - Online Real-time feedback and support
  - Online forum discussions and interaction
- **Training methodology will combine**
  - Expert presentations
  - Practical online exercises
  - Online discussions and exercises

DATES

The course will take place from **6 - 17 November 2023**.

LANGUAGE

The course will be conducted in **English**.

COST AND FINANCING

The course is fee-paying. The total cost is **Euro €865**

PAYMENTS AND CANCELLATION

Payments need to be received latest 14 days before the beginning of the course. Payment modalities will be communicated in the letter of acceptance. In the event of a cancellation, a participant may be substituted with another candidate. Cancellations remain free of charge if communicated latest 14 days prior to the start of the course.

For cancellations after this date, a penalty will be applied. For further information regarding payment, cancellation and refunds, please consult: http://www.itcilo.org/en/training-offer/how-to-apply

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HOW TO APPLY

To register, kindly fill in and submit the online registration form available through the following link: https://oarf2.itcilo.org/DST/A9716010/en

The selection of applicants will be based on the submission of:
- A completed **online registration** form
- An **official sponsorship letter** issued by their organization (or donor organization),
- **Kindly note that we need to receive the above-mentioned documents in order to register you for the course!**
- The selection of applicants will be based on the following criteria:

Proven work experience in relevant field (e.g., labour force survey data collection, processing, analysing and interpretation; statistical reporting);

We strongly recommend applying early since admission is competitive and space is limited!

DEADLINE FOR APPLICATION:

The deadline for applications is **30 October 2023.**

CONTACTS
- Administrative arrangements can be coordinated with the course assistant via (lmstats@itcilo.org);
- For the technical coordination, please also be in contact with the ITCILO programme officer Mr. Mostafa Mohamed (m.mohamed@itcilo.org).

WITHDRAWAL, CANCELLATION POLICY, AND REFUNDS FOR OPEN COURSES

If an enrolled participant wishes or must withdraw from a course, they may choose to apply to a different course or be substituted by another candidate. The participant must notify the Centre, in writing, of their decision at least 14 days prior to the start date of the course. Cancellation of participation in regular courses will result in the following penalties:

- 14 days or more prior to the start date of the course: No penalty, 100% refund of amount paid less applicable bank charges

- 8 to 13 days prior to the start date of the course: Penalty of 50% of course price, refund of residual amount paid (if any) less applicable bank charges

- 7 days or less prior to the start date of the course: Penalty of 100% of course price.

INFO

FOR FURTHER INFORMATION PLEASE CONTACT

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