20th ICLS

LFS Resources

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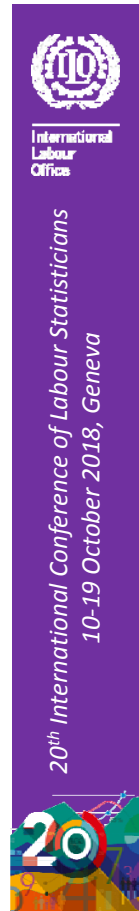Lunch event, 11/10/2018

Overview

1. Work to date to generate the LFS toolkit
2. Overview of available tools
3. LFS toolkit demo
4. Next steps

Background – 19ᵗʰ ICLS – Mandate to ILO

- Undertake methodological research to support implementation of 19ᵗʰ ICLS standards

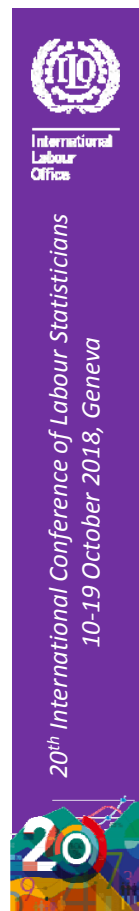- Prepare guidance, tools and updated training

- Disseminate widely

ILO Response (2014-2018)

- ILO programme of work:
  - LFS Methodological development
  - Technical assistance & capacity building
 - Advocacy & promotion of implementation

ILO LFS methodological work

- Testing to develop evidence-based guidance
- Built on accumulated national experience
- In partnership with NSO & development partners
- Progressive development by topic
  - Employment & labour underutilization (2015-2017)
  - Own-use production of goods, including subsistence food producers (2014 –ongoing)
  - Volunteer work (2018 - 2021)
  - Own-use provision of services (forthcoming)
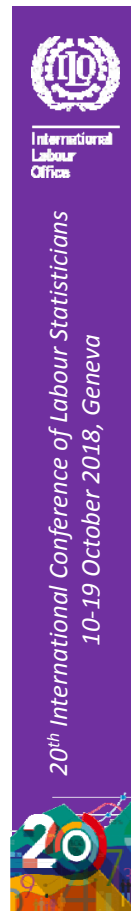
ILO LFS pilot studies (2015-2017)

✓ **Scope**

- Employment (as work for pay or profit)
- Measures of Labour Underutilization
- Own-use production of work (goods and services)
- Selected aspects of status in employment

✓ **Objectives**

- To identify good practice in LFS questionnaire design
- *Not designed to assess impact on indicators*
- *Collaboration with 10 partner countries from different regions*
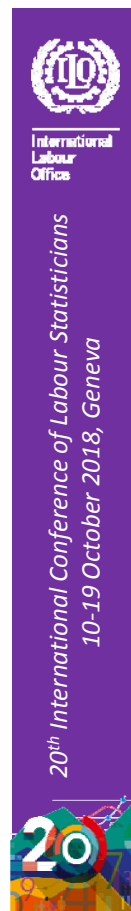
Reports with Main findings (1)

I. Background, objectives and methodologies
II. Cognitive interviewing
III. Field tests
IV. Measuring employment
V. Measuring of working time & time-related underemployment
VI. Measuring unemployment & the potential labour force
VII. Measuring main activity
VIII. Measuring own-use production of goods *(forthcoming)*
IX. Measuring work in agriculture *(forthcoming)*

Reports with main findings (2)

Available in ILO Department of Statistics website:
https://www.ilo.org/stat/Areasofwork/Standards/lfs/WCMS_627815/lang--en/index.htm

LFS practical resources overview

- Focus on practical model materials
- Aligned with latest ICLS and related standards
- Based on accumulated practice & pilot experience
- Intended for countries with different practices
- Guidance to focus on national adaptation
- Solutions for PAPI and CAPI implementation
  - **Model LFS Questionnaires**
  - **National Adaptation Guides**
  - **Core variables Mapping & Calculation Guides**
- NEW ILO *LFS resources* website

New ILO *LFS resources* website

https://www.ilo.org/LFSresources

ILO Model LFS Questionnaires

Modular content
(choice as per national context):

- Demography
- Labour Migration
- Disability
- Household resources and livelihood
- Employment
- Work in agriculture & market orientation
- Main job –characteristics (incl. ICSE-18)
- Second job –basic characteristics
- Working time
- Time related underemployment and inadequate employment
- Job search, desire and availability
- Own use production of goods

ILO Model LFS for CAPI [1]

Approach 1 (version 1)

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ILO Model LFS
National Adaptation Guide

- For questionnaire developers

- Purpose & uses of each question

- Valid response options

- Recommendations for national adaptation

- Recommendations for field implementation

National adaptation guide
for ILO Model LFS Questionnaire for PAPI
Approach 1 (version 1)

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ILO Model LFS
Variables Mapping & Calculation Guide

- Required questions to construct essential labour force & work variables

- Operational definitions aligned with latest ICLS standards

- Calculation guidance

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Labour Force Survey Toolkit

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Lunch event, 11/10/2018

OBJECTIVES

- Provide an end-to-end modular solution for LFS processing
  - Standards based
  - Aligned with the latest ICLS and related standards
  - Based on accumulated practice & pilot experience
  - Intended for countries with different practices
  - Guidance to focus on national adaptation
  - Affordable
  - Sustainable

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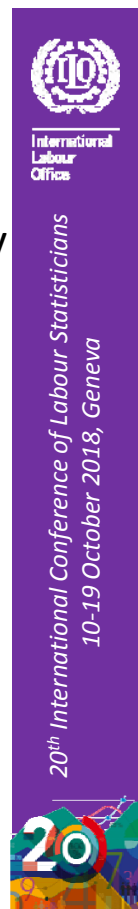
DATA COLLECTION

- Online system to generate LFS according to country objectives/needs
  - Interactive "Program Builder"
  - CSPro software generation for mobile devices (Android)
  - Complete documentation of the configured sequence
  - Download of paper questionnaires and data entry program (PAPI)
- Desktop application for translation/localization
- CSPro flowchart generation tool

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DATA COLLECTION

- Integral Field Operations Control System (web)
  - Sample management
  - Data Synchronization
  - Progress monitoring
- Extensive documentation available online
  - "National adaptation" and "Variables calculation" guides
  - Methodological reports
  - Pseudo code

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20th International Conference of Labour Statisticians
10-19 October 2018, Geneva

DATA COLLECTION

20th International Conference of Labour Statisticians
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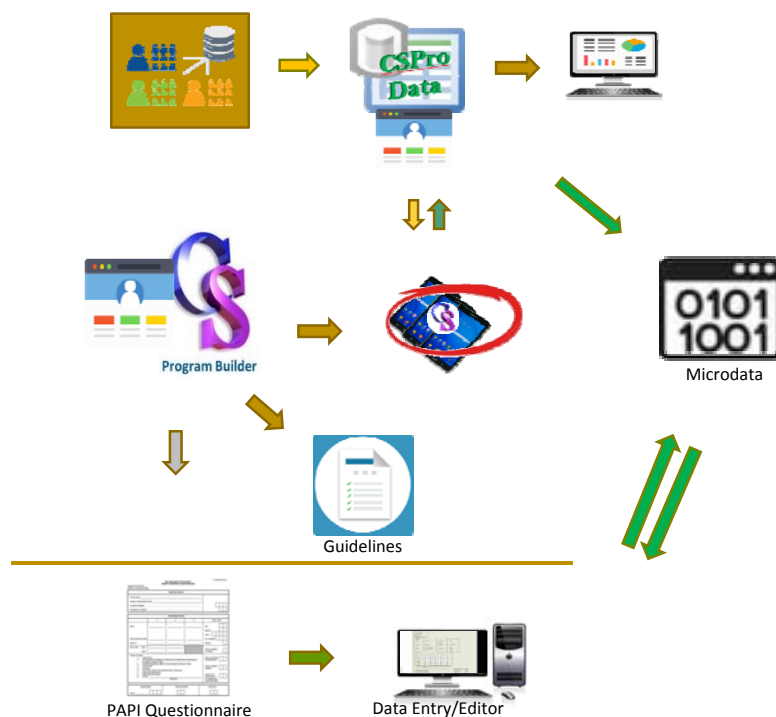
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DATA PROCESSING

- Batch edit application for microdata cleaning
  - Basic consistency checking rules
  - Additional rules might be added by user
- Calculation of "ILO standard variables"
  - Intended for easy derivation of DW and SDG indicators
  - Aligned with the latest ICLS standards
- SMART tool for analysis and data reporting
  - Based on SDMX DSD concepts' mapping
  - Ready-made project to produce relevant indicators' frameworks (e.g. DWI and SDG)
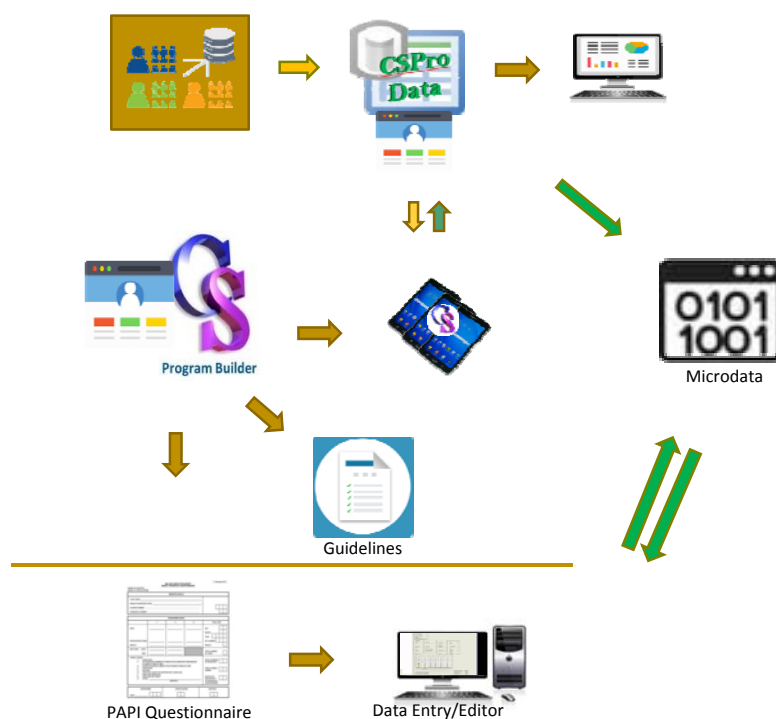- Anonymization tool for microdata public release

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DATA PROCESSING

Microdata

Program Builder

Guidelines

PAPI Questionnaire

Data Entry/Editor

DATA PROCESSING

DSD Constructor

DSD

Microdata

Cleaning & calculation

Microdata w/ILO std. var.

sdcMicro

Anonymized Microdata

CSV 1,2,3

PROJECT
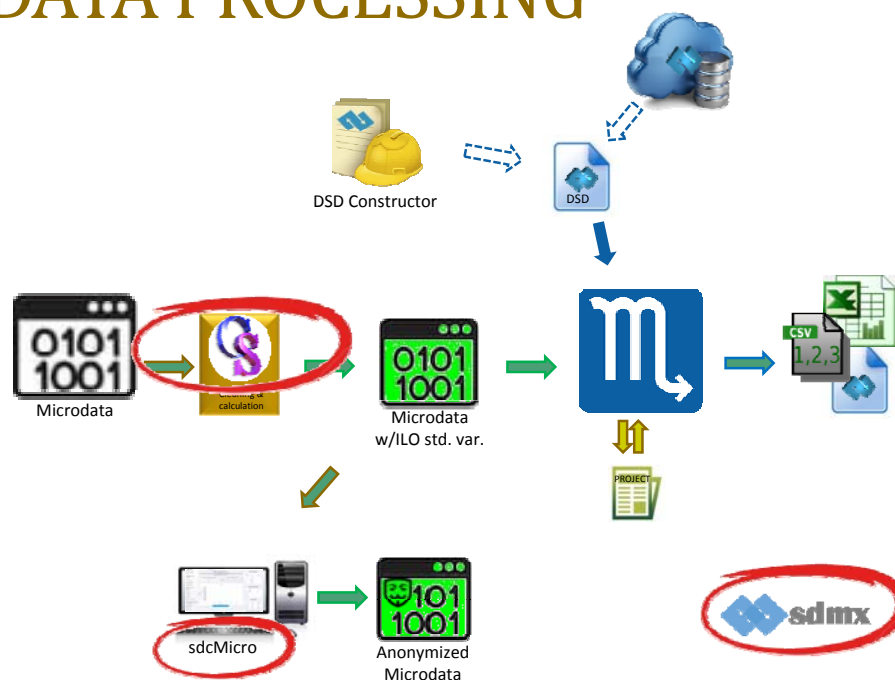
sdmx

DATA DISSEMINATION

- Automated calculation of indicators
  - Structural consistency assured by SDMX IM
  - International comparability
- Dissemination platform for LMIS
  - Robust, state-of-the-art application: *.Stat*
  - Component-based, following international standards
  - Community driven by the SIS-CC
  - Open source
- Data preparation for easy reporting
  - ILOSTAT and SDG
  - Reduced data reporting burden

DATA PROCESSINATION

Microdata

Cleaning & calculation

Microdata w/ILO std. var.

DSD Constructor

DSD

LMIS.Stat

ILOSTAT DISSEMINATION

GOALS

NRP

PROJECT

sdcMicro

Anonymized Microdata

LFS Toolkit

Quality Management / Data & Metadata Management

Specify Needs	Design	Build	Collect	Process	Analyse	Disseminate	Evaluate

Guidelines

PAPI Questionnaire

Data Entry/Editor

CSPM 5.0

NRP

GOALS

Microdata w/ILO std. var.

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ilo.org/LFSresources

DEMO

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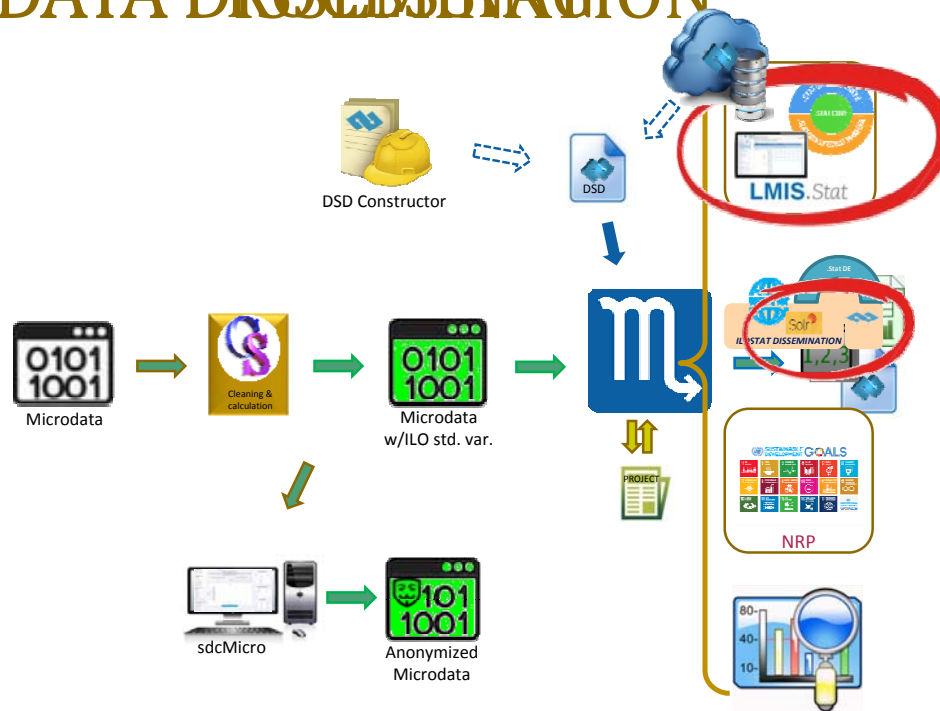
Tools availability

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LFS Resources

- DESIGN

  Program Builder - *Nov. 15th (Beta) -- Dec. 31st v.1.0*

  Design Guidelines - *Now*

- BUILD

  Program Builder - *Nov. 15th (Beta) -- Dec. 31st v.1.0*

  National Adaptation Guide – *Now*

  Flowchart generator – *Q1/2019*

  CSPro Customization tool – *Q2/2019*

LFS Resources

- COLLECTION

  CSPro CAPI modular App (Android) – *Nov. 15th (Beta) -- Dec. 31st v.1.0*
  - *Pseudo code available Now*

  Model LFS Questionnaire for PAPI – *Now*

  CSPro Data Entry/Editing (Windows)
  - CAPI – *Nov. 15th (Beta) -- Dec. 31st v.1.0*
  - PAPI – *Dec. 31st v.1.0*

  CSPro Data & Operations Dashboard (Web) – *Q2/2019*

LFS Resources

- PROCESS
  - CSPro Cleaning & Calculation (Batch) – *Q1/2019*
  - Guidelines for microdata sets preparation - *Dec. 31st*
  - SMART – *Now*
    - DSD Constructor – *Now*
  - sdcMicro (Anonymization) – *Now*

LFS Resources

- ANALYZE
  - SMART (Analysis) – *Now*

- DISSEMINATE
  - LMIS.Stat – *Now*
  - SMART (Data reporting) – *Now*
  - SDMX NSIWS – *Now*

- METADATA MANAGEMENT
  - NADA Application – *Now*

Next steps

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Next steps

- Continue methodological development
  - Pilot studies in collaboration with interested countries & development partners
- Expand range of practical LFS materials
  - Illustrated model LFS adaptation guide
  - Practical recommendations for LFS testing, sampling
  - Practical guide for dissemination of key LF & work indicators
- Roll out capacity building programme
- Expand technical assistance to countries
  - Through network of ILO Regional Advisors
- Continue to promote implementation

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