



# Latest developments in microdata access

6<sup>th</sup> European User Conference for  
EU-Microdata, 7-8 March 2019

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# Recent activities

On-line  
transmission  
of scientific  
use files via  
Secure  
CIRCABC  
platform



Publications  
database



Public use  
files:  
EU-SILC  
LFS





### MICRODATA LFS

#### Information

#### Library

- ▶ Add content
- ▶ Create space
- ▶ Import
- ▶ Bulk operation

#### Members

#### Events

#### Newsgroups

#### Administration

#### Search



Advanced Search

#### Clipboard

#### Main Menu

- Browse categories
- Logout
- Help
- S-CIRCABC online training course



V.3.8.3 - A 4.2.4 (.15) / Rev: 11691 / N2

S-CIRCABC is open source

Library > 1. LFS microdata full set

[Http](#) | [Back](#)



### Library

The Library is the space where **contents** are stored, managed and shared.

0 folders and 7 files in this space.

#### Spaces

##### Title

##### Modified Date

##### Actions

*No items to display.*

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#### Content

##### Name

##### Size

##### Modified Date

##### Actions

Name	Size	Modified Date	Actions
_Read me 2019.7z	4.83 MB	28 January 2019 09:35	
AdhocModules.7z	781.75 MB	28 January 2019 09:37	
AdhocModules2017only.7z	48.9 MB	28 January 2019 09:41	
QuarterlyFiles.7z	3.05 GB	15 November 2018 09:27	
SASImportPrograms.7z	13.84 KB	15 November 2018 16:44	
SpecialFiles.7z	63.01 MB	15 November 2018 09:29	
YearlyFiles.7z	3.12 GB	15 November 2018 09:55	

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# Publications on the basis of Eurostat microdata

## Microdata Access

- ▶ Events
- ▶ Microdata access Newsletter
  - [Publications on the basis of Eurostat microdata](#)
- ▶ Documents
  - Remote Access Project (DARA)

[Eurostat](#) provides access to European Statistical System microdata for researchers. This access is provided to allow scientific research for the benefit of the society. That is why [Eurostat](#) asks researchers at the end the project to send publications on the basis of the microdata. This generates a list of research publications that does not only offer an indication of the impact of the [Eurostat](#) microdata access system, but also helps researchers to find new ways to use the data.

## Publications from [Eurostat](#) microdata

Search in Publications:

TITLE OF PUBLICATION	DATASET	YEAR	DETAILS
Innovation induced by public procurement: A firm-level analysis for Italy and Norway	<a href="#">CIS</a>	2019	<a href="#">Details</a>
Youth unemployment and the transition from school to work in Germany and Greece.	<a href="#">LFS</a>	2018	<a href="#">Details</a>
Erwerbsarbeit und Arbeitslosigkeit Jugendlicher	<a href="#">LFS</a>	2018	<a href="#">Details</a>
Explaining Cross-Country Differences in In-work Poverty. CHAPTER 4 In-work Poverty among Migrants. CHAPTER 6	<a href="#">EU-SILC</a>	2018	<a href="#">Details</a>
CONTEXTUAL EFFECTS IN OPEN INNOVATION: A MULTI-COUNTRY COMPARISON	<a href="#">CIS</a>	2018	<a href="#">DOI</a> <a href="#">Details</a>
Women in the digital age	<a href="#">LFS</a>	2018	<a href="#">DOI</a> <a href="#">Details</a>
Immigration and Welfare State Retrenchment: Why the <a href="#">US</a> Experience is not Reflected in Western Europe	<a href="#">EU-SILC</a> <a href="#">-ECHP</a>	2018	<a href="#">Details</a>
Sub-Saharan African Immigrants in the U.S. Are Often More Educated Than Those in Top European Destinations	<a href="#">LFS</a>	2018	<a href="#">Details</a>

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### ACCESS TO MICRODATA

### PUBLIC MICRODATA

#### ▲ Overview

Statistical confidentiality and personal data protection

European Community Household Panel

European Union Labour Force Survey

Community Innovation Survey

European Union Statistics on Income and Living Conditions

Structure of Earnings Survey

Adult Education Survey

Public microdata consist of sets of records containing information on individual persons, households or business entities. The files are created to allow the general public to get familiar with statistical microdata. The files are prepared in such a way that individual entities cannot be identified; this goes with a loss in information value.

Public microdata are sometimes referred to as public use files (PUFs). They are derived from microdata made available for research (scientific use files, SUFs).

European Public microdata are currently available for the two most popular domains in social statistics: the labour force survey (LFS) and the EU statistics on income and living conditions (EU-SILC). Files are available only for the countries that have agreed to their publication (see the overview). More microdata might be available at the national level.

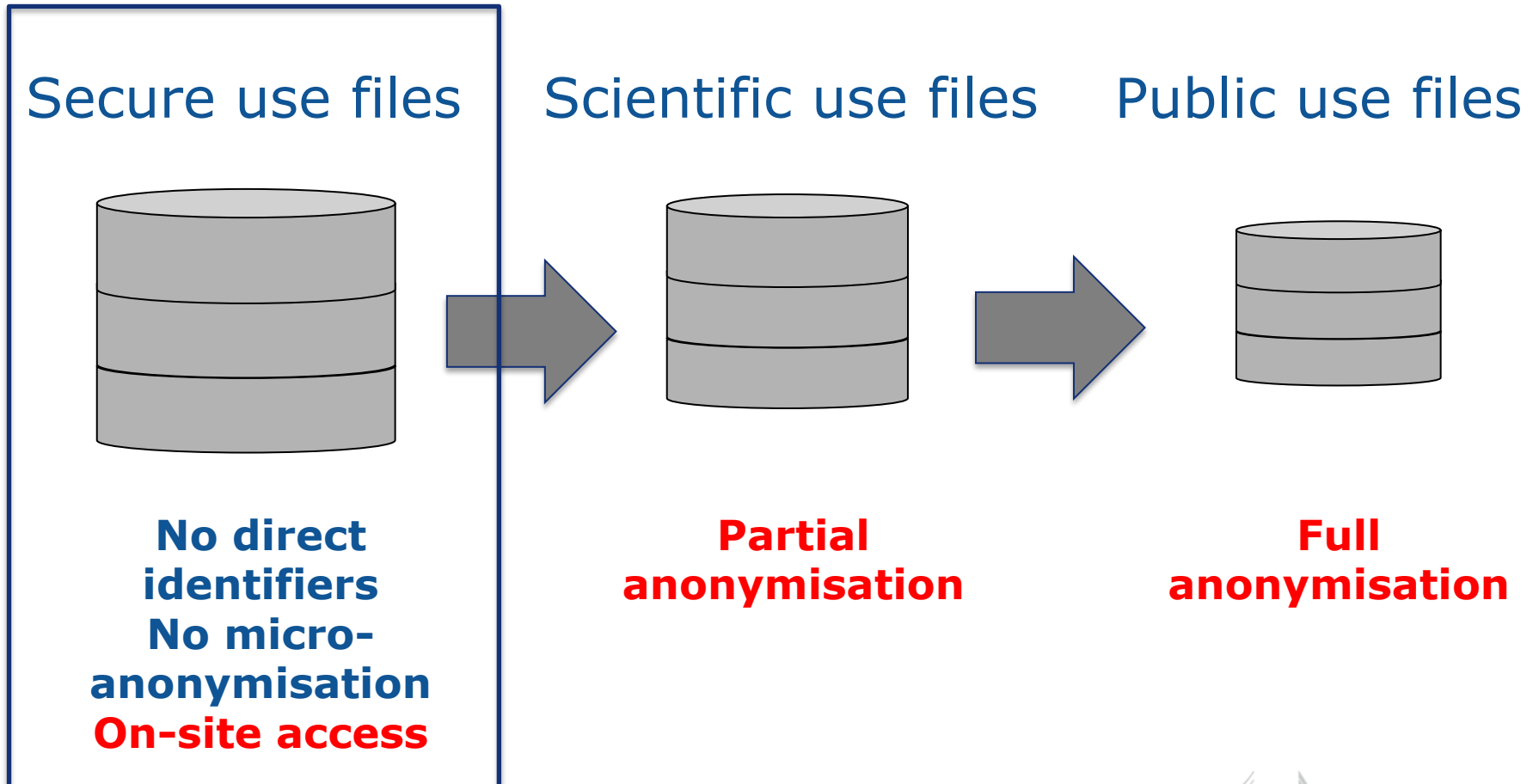
To this publication of public microdata the [Legal notice](#) with a disclaimer, copyright notice and rules related to personal data protection applies.

# New microdata collections for scientific purposes

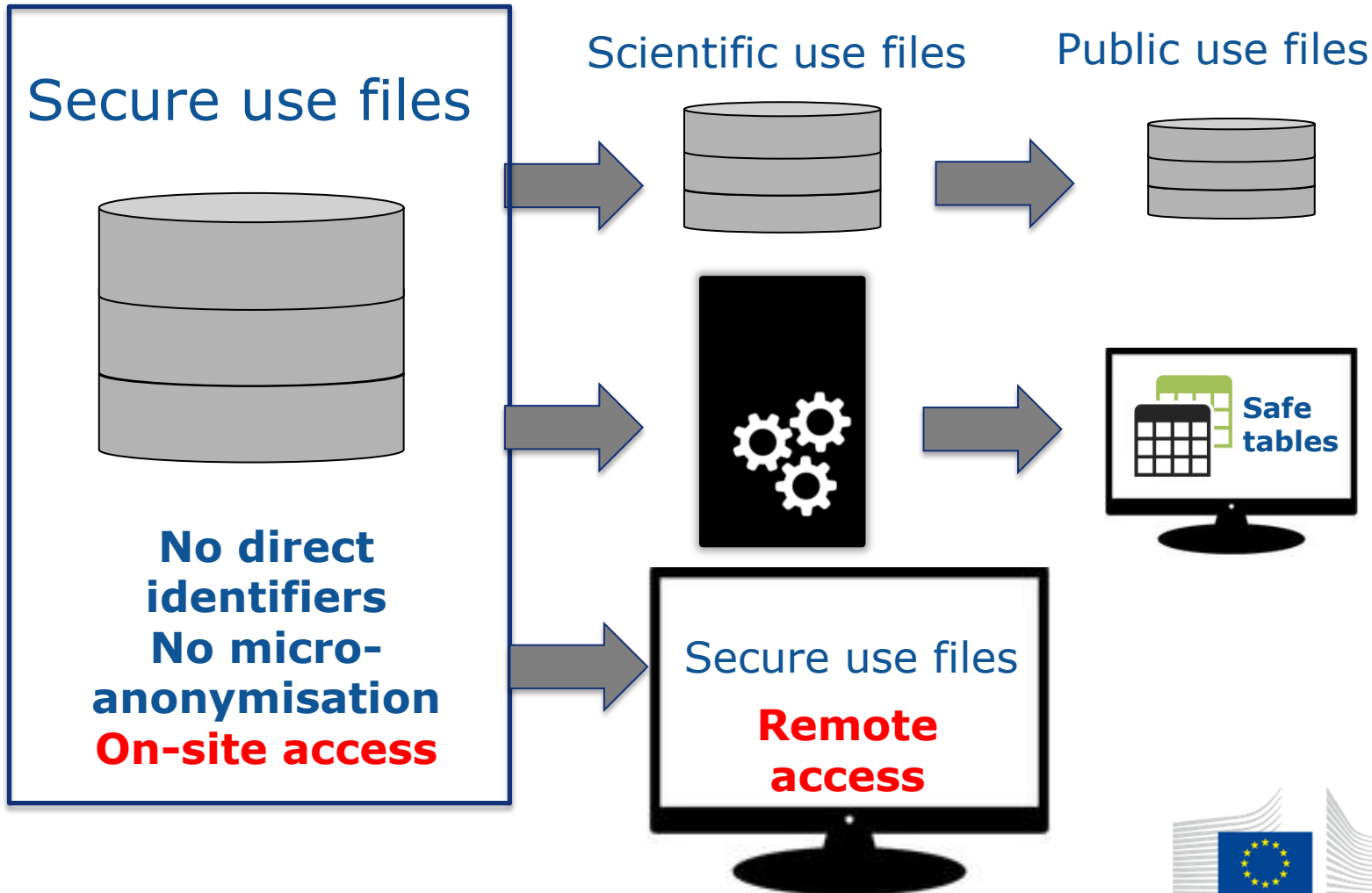
- *Farm Structure Survey*
- *Time Use Survey*
- *Causes of Death*



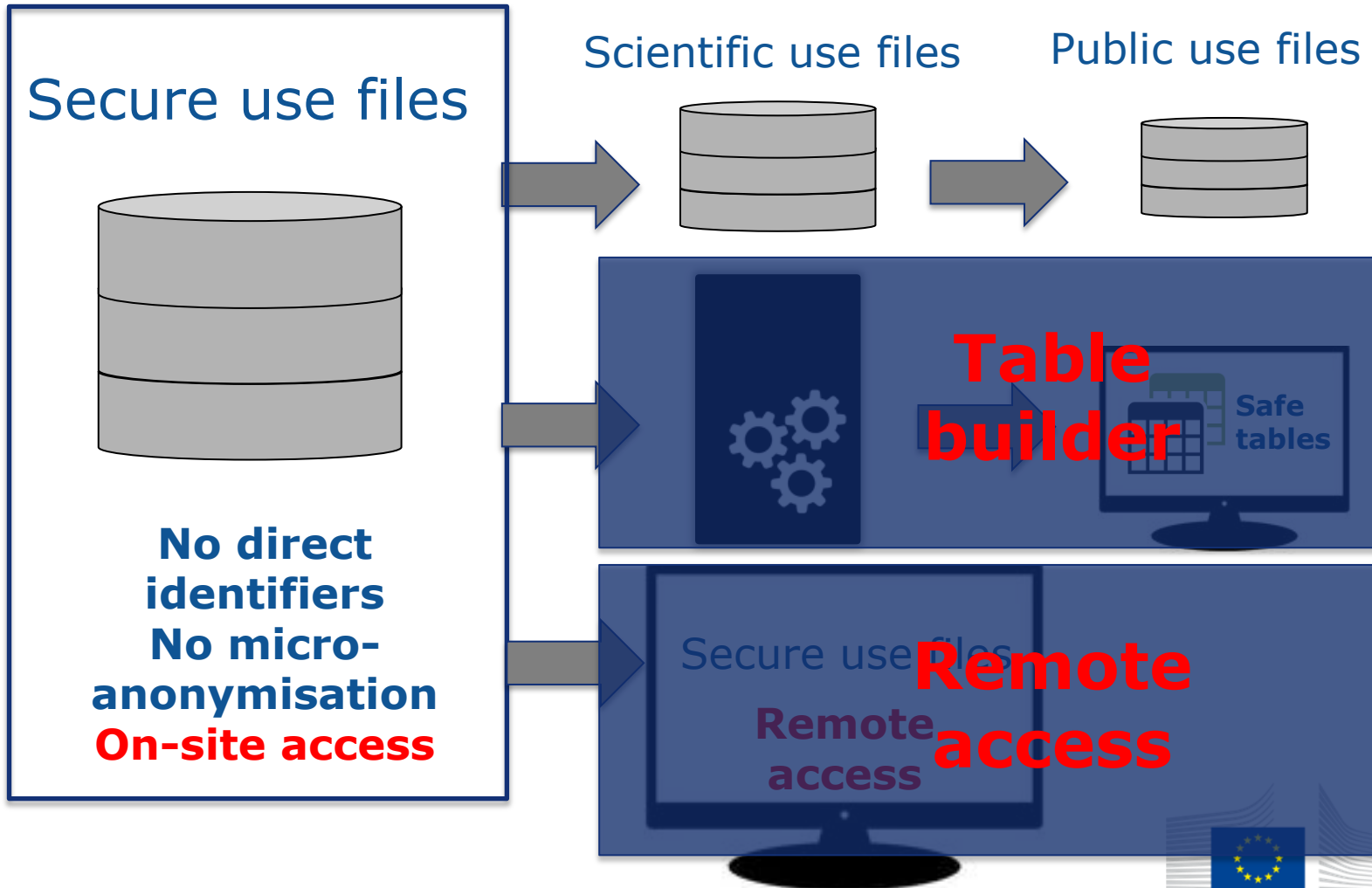
# New modes of access to microdata



# New modes of access to microdata



# New modes of access to microdata



# Perturbation method in table builder

- *Adds noise to each cell, blurs all results*
- *Makes the tables non-additive*
- *Inconsistencies with other data dissemination channels*



- *Protects data consistently*
- *Allows flexible set-up of confidentiality parameters (size of noise)*
- *Selects data by metadata description*



- *Avoids data suppression*
- *Allows flexible table set-up*
- *Produces immediate results*

