

**TITLE:** Official Statistics: organization and data of Italian National Institute of Statistics

### **DESCRIPTION**

The Italian National Institute of Statistics (Istat), a public research organization, is the main producer of official statistics for citizens and policy-makers. It operates in complete independence and continuous interaction with the academic and scientific communities. Since 1989 Istat has been performing the role of directing, coordinating, and providing technical assistance and training within the National Statistical System (Sistan). The mission of Istat is to serve the community by producing and communicating high-quality statistical information, analyses and forecasts in complete independence and in accordance with the strictest ethical and professional principles and most up-to-date scientific standards, in order to develop detailed knowledge of Italy's environmental, economic and social dimensions at various levels of geographical detail and to assist all members of society (citizens, administrators etc.) in decision-making processes.

This lab will give you an overview on the organization of a complex structure such as Istat, the dissemination and communication of data with particular reference to some surveys. Exercises will be proposed with the objective to use and analyse Istat data to make decisions.

The lab will be held in Italian.

### **DURATION**

20 hours (5 slots of 4 hours)

### **MAIN CONTENTS**

During the lab, students will learn:

- how a complex structure operates and works
- how to read and interpret official statistical data
- how to navigate in main Istat data warehouses
- how to transmit and disseminate information.

### **ELIGIBLE STUDENTS**

Max 15 students

Preferred Skills:

- Knowledge of Italian language
- Knowledge in descriptive statistics, use of Microsoft Word, Excel, Power Point, R or Stata
- Interest in Official statistics, data dissemination, use of data to make decisions.



## ISTAT WORKSHOP PROGRAM

The course is divided into five meetings.

<b>Date</b>	<b>Main goals</b>
20 January 2023 – 12.00 – 14.30	The workshop and its aims, general framework of Official Statistics, organization of the Italian National Institute of Statistics, the orientation skills, main features of Istat web site to look for information
27 January 2023 - 10.30-14.30	Sustainable development goals (SDGs), the use of administrative data
3 February 2023 - 10.30-14.30	Focus on the population census, its evolution over time, the advent of a new strategy, dissemination, database navigation.
10 February 2023 - 10.30-14.30	Focus on the labor force survey (questionnaire design, survey strategy, data collection, data dissemination) and use of micro data.
17 February 2023 - 10.30-14.30	Process innovation and experiments in data collection, experimental statistics, the dissemination of information in Istat and the construction of infographics. At the end of the day, students will be assigned a topic with the aim of identifying the data needed to achieve a research objective, carry out a statistical analysis and comment on the results obtained.
March 2023 (date to be decided)	Presentation of the results of the working groups.