

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.

Date	Main goals
8th January 2025	The laboratory 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 (focus on database, dissemination, report, infographics)
15th January 2025	Focus on the labor force survey (questionnaire design, survey strategy, data collection, data dissemination) and use of micro data.
22th January 2025	Sustainable development goals (SDGs), data visualization.
29th January 2025	Focus on the demographic and social surveys.
5th February 2025	The use of administrative data. Istat's product and service offerings for research (Methods and tools for statistical production, Experimental statistics). Dissemination in Istat (focus on report, infographics).
February 2025 (date to be decided)	Presentation of the results of the working groups.

At the end of January, 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.



PROGRAMMA LABORATORIO – A.A. 2024-25

Primo incontro (8 gennaio 2025, ore 14-17)

1. Presentazione del laboratorio - Silvia Salini, Lorena Viviano
2. I contenuti del laboratorio, con una panoramica su indagini e banche dati Istat – Lorena Viviano
3. Come lavora e come è organizzato l'Istituto nazionale di statistica - Angelita Castellani

Secondo incontro (15 gennaio 2025, ore 14-18)

1. La rilevazione sulle Forze di lavoro: il disegno di indagine - Silvia Montecolle
2. La rilevazione sulle Forze di lavoro: la progettazione del questionario - Barbara Boschetto
3. Micro dati a uso pubblico. Esercitazione - Monica Bailot

Terzo incontro (22 gennaio 2025, ore 14-18)

1. I pilastri dello Sviluppo Sostenibile (SDGs). Esercitazione - Paola Ungaro
2. Data visualization. Esercitazione – Barbara Baldazzi

Quarto incontro (29 gennaio 2025, ore 14-18)

1. Indagini demo-sociali - Maria Picci
2. Cittadini e tempo libero e famiglie e soggetti sociali – Linda Porciani, Giampietro Perri

Quinto incontro (5 febbraio 2025, ore 14-17)

1. I dati amministrativi in Istat – Grazia Di Bella
2. L'offerta di prodotti e servizi Istat per la ricerca – Giusy del Vicario
3. La diffusione in Istat (con focus su report e infografiche) – Valentina Spinella

Ultimo incontro (da definire, previsto a febbraio) – 1ora e 30 minuti

A fine gennaio gli studenti verranno suddivisi in gruppi a cui verranno assegnati dei project work dedicati ad un'analisi dati sui contenuti approfonditi nel corso del laboratorio.

Nel mese di febbraio verrà organizzato un incontro dedicato alla presentazione dei lavori e all'illustrazione dei risultati ottenuti.