

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 345 hours with a final meeting for project works)

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 and a final meeting to present a project work.

Date	Main goals
14th January 2026	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). Service for research: methods and tools for statistical production, experimental statistics.
21th January 2026	Focus on the labor force survey (questionnaire design, survey strategy, data collection, data dissemination). The use of administrative data.
28th January 2026	Sustainable development goals (SDGs) and Statistical Atlas of the Territory.
4th February 2026	Focus on social surveys and educational disadvantage.
11th February 2026	Communication and dissemination in Istat (focus on data visualization and infographics).
February 2026 (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. 2025-26

Primo incontro (14 gennaio 2026, ore 14-17.45)

1. Presentazione del laboratorio e illustrazione contenuti - Silvia Salini, Lorena Viviano
2. Come lavora e come è organizzato l'Istituto nazionale di statistica – Pietro Scalisi
3. Una panoramica sulle indagini e le banche dati dell'Istat – Lorena Viviano
4. L'offerta di prodotti e servizi Istat per la ricerca – Giusy del Vicario

Secondo incontro (21 gennaio 2026, ore 14-17.45)

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. Riutilizzo dei dati amministrativi a scopi statistici – Grazia Di Bella

Terzo incontro (28 gennaio 2026, ore 14-17.45)

1. I pilastri dello Sviluppo Sostenibile (SDGs) - Paola Ungaro
2. L'Atlante Statistico del Territorio (ASTer): strumenti, analisi e casi d'uso – Marianna Mantuano

Quarto incontro (4 febbraio 2026, ore 14-17.45)

1. L'Istat studia il paese attraverso le indagini multiscopo: breve storia e contenuti delle rilevazioni - Linda Porciani
2. Un focus su "I Cittadini e il tempo libero" e "Famiglie e soggetti sociali". Progettazione, organizzazione, principali contenuti e primi risultati - Giampietro Perri
3. L'approccio ad un fenomeno multidimensionale: l'esperienza della Commissione sulla povertà educativa in Istat – Barbara Baldazzi

Quinto incontro (11 febbraio 2026, ore 14-17.45)

1. Data visualization e webpublishing: strumenti e tecniche di rappresentazione dei dati; web story, dashboard e grafici interattivi in Istat – Michele Ferrara
2. Stranger INFOGRAPHIC Things - il Sottosopra della Statistica - Daria Squillante
3. Comunicare e promuovere la statistica ufficiale – Patrizia Collesi

Ultimo incontro (da definire, previsto a fine febbraio) – 1ora e 15 minuti

A inizio febbraio 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. Gli studenti avranno a disposizione circa tre settimane per presentare un'eventuale analisi dati e per predisporre le slide che riassumono le evidenze più rilevanti.

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