



Nos données
au service
de la Santé

Coding, collecting, analysing, reporting and sharing hospital and medico-social data



OVERVIEW

The Technical Agency for Information on Hospitalisation (ATIH) is France's government agency specialising in the collection, analysis and dissemination of hospital and medico-social data.

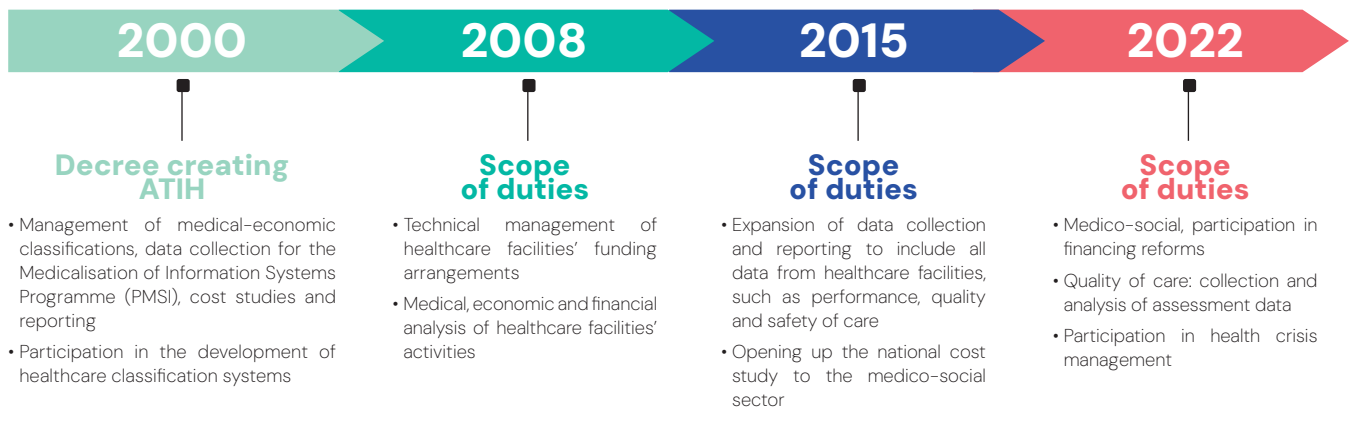
Founded in 2000, ATIH is a public administrative body under the supervision of the Ministers of Health, Social Affairs and Social Security.

The agency's strategic direction is determined by:

- a board of directors
- a steering committee, which provides opinions on the agency's work programme and activities
- a scientific council, which ensures the scientific and methodological quality of the agency's work. It engages and monitors research teams working on health topics.

The agency's headquarters are located in Lyon with a branch office in Paris.

KEY DATES



ROLE

ATIH puts data at the service of knowledge and decision-making in healthcare, thereby helping to improve the care of patients and service users.

ATIH is a centre of expertise responsible for:

- collecting, processing, analysing, reporting and sharing hospital and medico-social data (*activity, quality, finance, HR, information systems*)
- contributing to the development of funding models and their implementation
- participating in the development of healthcare classification systems
- contributing to improving the quality and appropriateness of care.

SCOPE OF ACTION

The agency operates across the 4 areas of hospital activity:

- medicine, surgery, obstetrics (MSO)
- hospital at home (HaH)
- medical care and rehabilitation (MCR)
- psychiatry

and across the medico-social sector:

- residential care homes for dependent elderly people (EHPAD)
- services supporting people with disabilities (PH)
- home nursing care services (SSIAD)
- multi-purpose home care and support services (SPASAD)
- home independence services (SAD).

OUR WORK

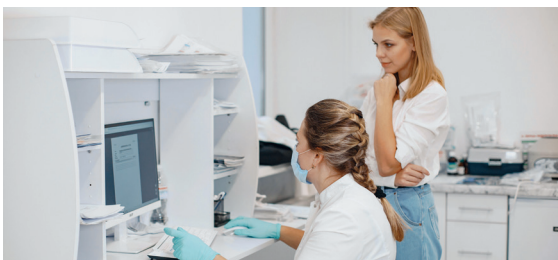


Coding

hospital and medico-social data

When a doctor treats a patient in hospital, they use coded information to identify:

- > the patient's illness
- > the medical procedure performed to treat them: diagnostic (e.g. CT scan) and therapeutic (e.g. surgery).



Classification systems, produced in catalogue form, are lists of pathologies and medical procedures using codes and labels.

↳ Coding illnesses

The classification system is the International Classification of Diseases (ICD), developed by the World Health Organization (WHO).

- ATIH is involved in managing this classification and adapting it to the French healthcare system. An 11th version of this classification, developed in digital format, is currently being worked on so that it can eventually be rolled out across healthcare facilities.

↳ Coding medical procedures

The classification system is the Common Classification of Medical Procedures (CCAM). Created by the French national health insurance system and ATIH, it was implemented in 2005. A review, in which ATIH is participating, was launched in 2022 under the aegis of the French High Council for Classification Systems.

- ATIH, in collaboration with the French national health insurance system and healthcare professionals, updates the descriptions of CCAM procedures by adding or removing descriptions. ATIH develops the descriptions and ensures compliance with the rules for constructing the classification system.



Collecting

hospital and medico-social data

↳ Medical information and quality of care

- Collection of healthcare facilities' activity data as part of the Medicalisation of Information Systems Programme (PMSI)
- Collection of emergency department activity data, including ED visit records (RPU)
- Collection of quality-of-care data: indicators and quality measurements (EvalSanté, Qualhas and e-satis in conjunction with the French National Authority for Health)

↳ Hospital and medico-social management data

- Financial and accounting data, human resources, hospital and medico-social costs, performance dashboards for medico-social facilities and services, etc.

ATIH provides facilities with software and standard methodologies for collecting this information, which it then centralises on specialist platforms.



Analysing

hospital and medico-social data

↳ ATIH provides general benchmarks and figures on hospitals.

- **Analysis of hospital activity:** providing a snapshot of hospitalisation, understanding how it has changed over time, analysing its geographical variations
- **Financial analysis of healthcare facilities:** understanding their financial situation and how it has changed over time
- **Hospital and medico-social costs:** identifying the cost of care and the components of this cost.

↳ ATIH conducts analysis for decision-making purposes

- **Detailed, medical analysis** on specific topics. *Examples: intensive care, palliative care, targeted pathologies, etc.*
- **Simulation work** in line with public policy guidelines. *Examples: introduction of targeted funding, financing reform of medical activities (MSO, MCR and psychiatry) and the excess to be paid by patients, etc.*



Reporting

hospital and medico-social data

After collecting the data, ATIH processes it and reports it in various formats on a data reporting portal.

Annual key figures for hospitals

Freely available on the opendata website, in data visualisation format

Hospital and medico-social sector management indicators

ScanSanté, a website providing aggregated data organised by theme:

- > **healthcare facility activity:** number of patients treated for a given condition, number of medical procedures for a given category of procedure, etc.
- > **costs** of hospital care, comparison by region, etc.
- > **financial, accounting and human resources**
- > **monitoring of health insurance expenditure** for hospital care
- > **quality:** risk of nosocomial infection in a facility, etc.

Available on the ATIH website, ScanSanté offers a simplified way to query data. (Scan the QR code opposite to go to the ScanSanté website)

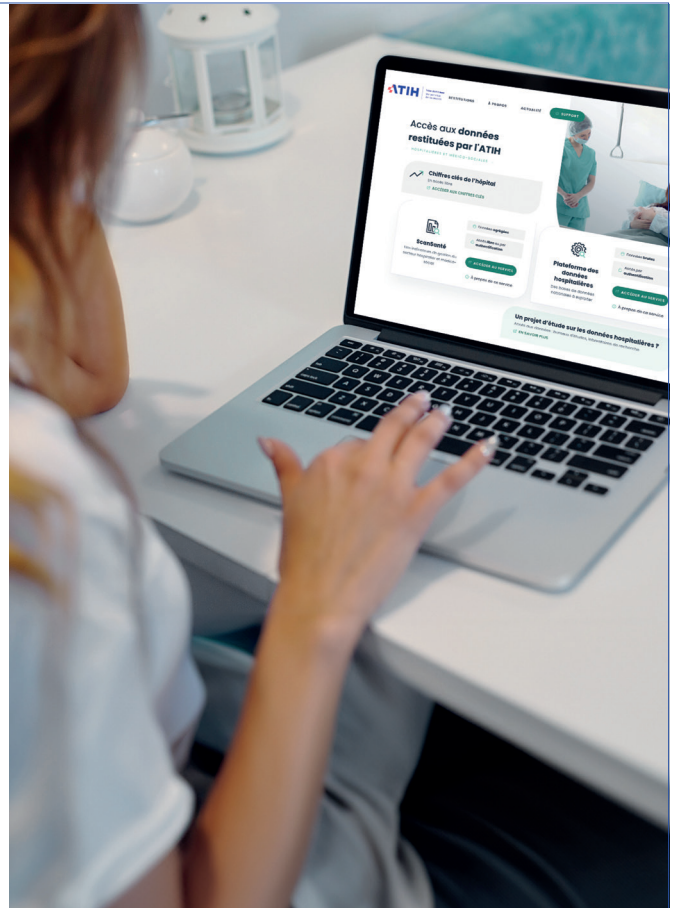


- > **Login access for healthcare professionals:** applications on healthcare facility performance, cost control and activity analysis.

Raw data available for use

Provision of raw data on the French Hospital Data Platform for statistical analysis using queries on national databases (PMSI, RPU, financial, accounting, medico-social dashboards, etc.)

- > **Access through strong authentication** upon authorisation from CNIL or in accordance with applicable decrees



Sharing

hospital and medico-social data

OBJECTIVES

- > **Contribute** to knowledge about the activities of healthcare facilities and the nature of the conditions treated
- > **Improve** how hospital and medico-social care is organised
- > **Take and monitor** national health policy measures
- ATIH shares all detailed data and indicators resulting from this data on its platforms.
- ATIH carries out targeted processing at the request of government departments.

WHAT DOES ATIH DO?

It provides technical expertise in health data in order to:

- > Supply useful data for a variety of purposes
(*research, public health, epidemiology, innovation development, etc.*)
- > Help healthcare facilities and the French state manage resources for the population
- > Support healthcare facilities (HFs) and medico-social structures (ESMS) in improving their operations
(*funding, activity analysis, quality*)

WHO DOES ATIH SUPPORT?

Healthcare facilities and medico-social facilities and services

- > Contributing to their funding by collecting the necessary information
- > Providing tools (*data collection systems, medico-economic classifications, classification systems and instructions for organising data collection, etc.*) to help them meet their obligations to produce data on activity, HR, costs, finances, quality, etc.
- > Making information available to assist with their management/control

Regional Health Agencies (ARS)

- > Providing useful tools to help them fulfil their duties relating to public health policy management and the regulation of regional healthcare provision

The French state and social security funds

- > Providing information to manage the health, hospital and medico-social system
- > Contributing to HF and ESMS funding policy (*funding models, funding arrangements*), expenditure regulation (*ONDAM monitoring, hospital expenditure*), activity management, etc.
- > Monitoring the quality of care and the appropriateness of treatment

Other agencies, institutional bodies, healthcare stakeholders, the general public, etc.

- > Reporting data from healthcare facilities and medico-social services
- > Describe hospital activity

EXPERTISE AT ATIH

Multidisciplinary teams

Doctors

develop guidelines for producing information useful for describing medical activity carried out in healthcare facilities.

IT specialists

develop tools for collecting, processing and transmitting data from healthcare facilities and medico-social structures.

Data experts

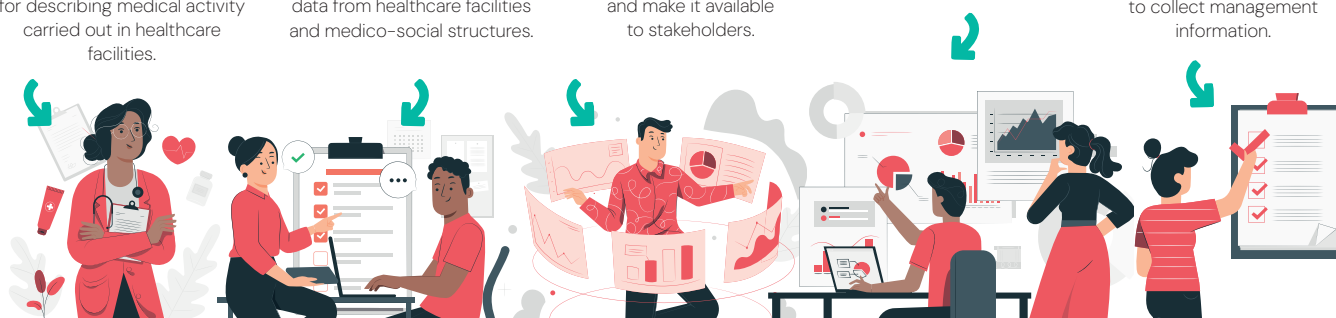
structure this information in the form of databases and make it available to stakeholders.

Statisticians/data analysts

synthesise and analyse the information.

Management controllers

manage campaigns to collect management information.



All of this expertise provides a wealth of information on healthcare facilities, including their activities, costs, finances, quality and human resources.



Find out more about ATIH's work at
atih.sante.fr
and data outputs at
restitutions.atih.sante.fr

Keep up to date with ATIH news on:



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