

*Health economics research in France:
the example of the Institute for research and
information in health economics (IRDES)*

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Diaspora in Scientific Research and University Education in Romania - Diaspora and friends

WE: Noncommunicable diseases: Innovative transdisciplinary research approaches for the welfare communities' development

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Research Strategy

- The research strategy of IRDES is based on the identity of the research centre, its financing, its missions.
- Its implementation is carried out by a multidisciplinary team of researchers. It takes advantage of the data it produces (surveys) and medico-administrative data from the health system. She also enjoys partnerships with other research teams and international collaborations.
- His research interests cover in particular the state of general health, occupational health, but also the populations (e.g. The elderly), certain diseases, in particular non-communicable diseases, and prevention (risk factors), all things representing a public health problem or high or avoidable cost for funders.
- Social security coverage is a very important field and health inequalities, social and territorial, are a major field.
- Finally, the care organization is reviewed and several projects address the patients' care pathways (AVC, Psychiatry, Geriatrics ...) to understand and provide leads to the controller to optimize.

Plan

- The research strategy What is IRDES?
 - Some historical milestones, organization, human resources
 - Missions
- Research activities
 - Partnerships, European collaborations
 - Main research fields
 - Some research projects examples
- Surveys and tools
 - Enquêtes et Outils
- Some of the most referred IRDES publications and Data
- Information and Communication services
- Links to IRDES

→ IRDES in short

- **Independent** health economic research institute funded mainly by the National Health Insurance Fund and by **public research grants**.
- Committed to research for public benefit and to **facilitating evidence-based decision-making** to promote an efficient health system which ensures **solidarity, equity and good quality health care**.
- Primary mission: to provide **high quality independent research and reliable information** for guiding national health policy.
- The multidisciplinary team **covers a wide range of research questions, monitors and analyses health policies, health care providers and consumers**.
- Irdes also **produces health-data (Ecosanté) and conducts periodic surveys** on health, healthcare utilisation and health insurance.

Organization (1)

Some historical milestones

- Founded at first: as a [non-profit association](#)
- **30/01/1985**: Former medical economics department of CREDOC (*created in 1954*)
- 01/06/2004: CREDES becomes IRDES
- **13/08/2015: Status changes to a [Grouping of Public Interest \(GIP\)](#)** (*Arrêté du 13 août 2015 – JO du 2 septembre 2015*).

Administration Council

Founding members

- The state, represented by the [Research, Studies, Evaluation and Statistic Direction \(Drees\)](#)
- [National Health Insurance Fund of Salaried Workers \(Cnamts\)](#)
- [Social Scheme for self Employed \(RSI\)](#)
- [National Fund of Social Agricultural Mutuality \(MSA\)](#)
- [National Solidarity Fund for Autonomy \(CNSA\)](#)

Organization (2)

Scientific Council

- The Scientific Council is responsible for providing methodological and technical appraisal on the guidelines and the quality work performed by IRDES.
- It can be seized of all scientific or methodological questions to by the Chairman of the Board.

Organization (3)

- A **new director** appointed October 21, 2015: Denis RAYNAUD
- Chairman, Administration Board, **Scientific Council**

Human resources

- **Multidisciplinary research team** (doctors, economists, geographers, statisticians) and database managers
- **Support services:** Documentation, Publications and Communication, Informatics and web (documentarists, model builders, computer specialist).

➤ *For 43 full-time equivalents*

Missions

- GIP IRDES mission is to **support the founding members** in the development and access to scientific knowledge, which may shed light on their decisions and actions in the health and social fields.
 - IRDES carries out **research and studies**, conducts **international comparisons**, develops **knowledge tools** to **analyze the functioning and performance of health system**, and thus participate in **assessment of public policies**.
 - IRDES contributes to their **dissemination to all stakeholders of the health system**, in medical and social fields.
 - It also aims at dissemination to peers by publishing **articles in national and international scientific journals**.
- ***How do we ensure research missions?***

Our strategies...

Research fields (1)

In terms of both macro and micro, research is articulated on the following topics:

- **Organization and financing of the care's offer:**
 - assessment of new forms of remuneration in primary care,
 - hospital tariffs,
 - **care pathways** of the elderly, for strokes and for psychiatry...
- **Regulation of health professions:** efficient modes of exercise, delegation of care, multi-professional work
- **Professional practices:** variability, therapeutic education for patients in general medicine
- **Health geography:** distance access, accessibility indicator, geographical analysis of pathways
- **Health and health care use inequalities:** healthcare renouncing, migrant health, care access for persons with disabilities

Research fields (2)

- **Regulation of medicines:** prescription efficiency, quality indicators, poly medication in the elderly
 - **Health and the labor market:** sick leaves, returning to work after cancer, evaluation pricing of the accidents at work and the Professional diseases (AT/MP)...
 - **Supplementary insurance:** generalization of the supplementary insurance to corporates
 - **Aging:** frailty, dependency, dependency insurance
 - International **comparative studies on health systems and health policies**
- *The [2010-2013 research program](#) is posted on the web, and progress reports.*
- *The 2014-2017 research program is being finalized.*

Partnerships (1)

IRDES has developed a number of partnerships, either at an institutional (to fund research projects or research studies) or at a scientific level. These partnerships often lead to research projects



Prospere is a multidisciplinary research team on health care services whose main goal is to observe changes in the outpatient care system while producing knowledge on the performance of primary care organizations






- Hygie is a database built by IRDES to carry out research on daily allowance, containing information related to sick leaves, the associated medical consumption, the individual and professional contexts of the employees



- The objective of HEAPS is to contribute to the research on healthy aging in France and in Europe, so as to lay the foundation for a policy initiative

Partnerships (2)

-  In France, information on households' net out-of-pocket health care expenses and their impact on health care access and health status remains insufficient. The project [Monaco](#) stems from a shared commitment to develop knowledge on these subjects.
-  Provider of the database Eco Santé (www.ecosante.fr), IRDES contributes to the portal Data.gouv.fr, in the framework of the policy opening up public data and developing the French Open-Data platform.
-  IRDES and [ENSAI](#) encourage exchanges between students, teachers, ENSAI graduates and their senior executives. They aim at promoting a synergy between them, achieved through joint actions in communication, internships, recruitment of young graduates as well as pedagogy, and statistical and econometric methods. (02/2014).

International collaborations (1)



Health Systems and Policy Monitor

HSPM is an innovative platform that provides a detailed description of health systems and provides up to date information on reforms and changes that are particularly policy relevant.



WENNBERG
INTERNATIONAL
COLLABORATIVE

Wennberg Collaborative

The Wennberg International Collaborative is a research network committed to improving healthcare by examining organizational and regional variation in health care resources, utilization, and outcomes.



BRIDGE-Health project



European Health Policy Group (EHPG)



Social Capital Global Network (SCGN)



Québec Health Data

International collaborations (2)

EUROPEAN PROJECTS

- [EUNAM](#)
- [EuroREACH](#)
- [European Health Policy Research Network](#)

PREVIOUS PROJECTS THAT IRDES PARTICIPATED

- [International Network Health Policy and Reform](#)
- [EuroDRG](#)
- [The INTERLINKS project](#)
- [SHARE SURVEY](#)
- [OECD Health Data](#)
- [The PHAMEU project](#)
- [Eurothine](#)
- [HealthBASKET](#)

Example of projects (1)

PaSoV-AVC:

Spatio-temporal approach of care pathways for Victims of Stroke

Strokes are a public health issue in France:

- Incidence of approximately 130,000 new cases per year
- Prevalence of nearly 800,000 cases (1.6% of the adult population)
- Major consequences:
 - Medical: 6.1% of all deaths and 22.1% of deaths from disease of the circulatory system; among survivors, strokes are a major cause of disability due to the frequency and severity of functional impairment and disability they generate;
 - Economic: 2.6% expenditure of the compulsory health Insurance;
 - Territorial plan: geographical disparities remain significant.

The stroke recovery chances depend largely on the ability of the health system to provide the right care at the right time during the acute phase of the illness, in rehabilitation phases or home monitoring but also upstream (prevention).

Example of projects (1 bis)

PaSoV-AVC:

Spatio-temporal approach of care pathways for Victims of Stroke

Objectives of the research

- Describe and analyze in an exploratory manner the care pathways for victims of cerebrovascular accident (CVA) or transient ischemic attack (TIA) in France:
 - at the national level but with a territorial perspective, i.e. in relation to:
 - the existing health care supply locally (UNV, etc.),
 - the characteristics of the population
 - the good practice guidelines
 - the goals of the National stroke 2010-2014 plan.
 - This requires the availability of geocoded data over several years: we built **10 cohorts of patients from 2010 to 2019** and, for each of them, we collect **data 2 years before and 2 years after the stroke.**

Example of projects (2)

PAERPA evaluation

- Launched in 2014 in nine pilot areas, **experiments "elderly care pathway"** (PAERPA) aim to **improve the care and quality of life** of people aged 75 or older and their caregivers. The projects aim to **advance the coordination of different stakeholder in health, social and medico-social sectors** to improve the quality of comprehensive care of the elderly, to **prevent the loss of independence** and to **avoid inappropriate use of hospitalization**. (SS 2012 Finance Act - Art. 70)
- IRDES is responsible for the **impact study**.
- An Atlas was published last summer. The data from SNIIRAM (reimbursements by Sickness Fund) and PMSI (hospitalization data) are under treatment.

Some of the most referred IRDES publications

- **Issues in Health Economics:** A monthly publication (4 to 6 pages) summarising research results to a wide audience with primary objective of assuring readability and accessibility (67,000 downloads per month).
- **Working papers:** aim to give quick access to research results which often take a long time for publication in peer-reviewed journals. They intend to contribute to the scientific and policy debate, used often as a base in **scientific seminars** during which they are debated and enriched (52,000 downloads per month).
- **Technical reports:** provide detailed background on technical data or methodological issues (43,000 downloads per month).

Some of the most referred Irdes data

- **Health databases** (Eco-Santé France, Eco-santé Regions, Eco-santé Québec): IRDES produces several databases, freely accessible through its website (www.ecosante.fr) containing more than 60,000 series for the analysis of health care systems.
- **Health, Health care and Insurance Survey (ESPS):** conducted biannually by IRDES, with the support of National Health Insurance Fund (Cnamts) and Ministry of Health, is the only survey in France providing regular information on health status, access to health care and insurance coverage by socio-economic status. The survey, started in 1988, collects individual data from a representative sample of 8,000 households which correspond to 22,000 people. Data at individual level are **linked with the National Health Insurance Database (claims data)**.

Surveys and Tools (1)

ESPS Survey Biannual survey

HEALTH, HEALTH CARE AND INSURANCE SURVEY

- Health, access to care and health coverage Survey in France, it collects since 1988 data on health status, health coverage, social status and health care utilization in a sample of 8000 ordinary households, or 22 000 people. It represents about 97% of the population living in metropolitan France. The survey is a panel.

Surveys and Tools (2)

- **PSCE Survey** SURVEY OF COMPANY SUPPLEMENTARY SOCIAL PROTECTION

Survey on complementary social protection offered by employers providing an **overview of the health and provident insurance offered by employers**. **Interviewing companies** (categories of employees, level of employer's financial participation, level of guaranties...). Since 2009, a **questionnaire administered to employees** (views concerning workplace health insurance). 1,700 companies, 3,000 employees. 2003, 2009, 2017

- **SHARE** (Survey of Health, Ageing and Retirement in Europe)

- **ENSM** Survey (National Survey on Health and medical care)

- **Older surveys**: hospital, Hospitalization at home, EPPM, elderly, disadvantaged...

➤ *Moreover, many works of IRDES are based on **medical administrative databases** (SNIIRAM, PMSI ...)*

Surveys and Tools (3)

Eco Santé

- **Databases on health and health system** (**France**, regions and departments), created in partnership with the CNAMTS and Drees, respectively in 1985 and 1993
- More than **60,000 data series**
- Extensions: Eco Santé **Québec**, Eco Health **OECD**
- 2015: an audit at the request of the Ministry on the basis Eco Health, Health Score (FNORS) and Statiss (Drees)
- Awaiting the findings of the audit

IRDES Documentation Center

- **Very large**, housing its collection of health economics literature
- **Major source of information on health economics as well as on related subjects** like the organization of the health care system in France and in other industrialized nations, epidemiology, social security, demographics, statistics...
- Missions:
 - to carry out **regular thematic and on demand bibliographic research** for the researchers at Irdes,
 - to provide a **research facility** for researchers, students, journalists, and all interested private- and public-sector professionals.
- Documentation center produces a quarterly bibliographic bulletin presenting a **selection of recent literature** (including gray literature) on major health themes (primary care, health insurance, provider payment, etc.).

Information and Communication services

- **All IRDES publications are freely available online** *for different audiences and via various media:*
 - Public dissemination via the **monthly "Issues in Health Economics"** ("Questions d'économie de la santé");
 - Scientific and academic dissemination via **Reports, Working Papers and Articles** in peer-reviewed journals.
- **Two main lines of communication:**
 - **press releases** sent to a large public : main stakeholders in health and health insurance sector, researchers, students, government agencies...
 - a **monthly electronic newsletter** sent to more than 16,000 adherents promoting mainly ongoing research activities/publications at IRDES.
- **The web IRDES:** a privileged channel for the IRDES works dissemination

Links to IRDES

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INTERNET

- [Website: Created on September 1995](#)
- [Newsletter: Created on November 2000](#)
- [RSS: Created on March 2005](#)
- [New website: March 2007](#)
- [Facebook](#) and [Twitter](#): August 2011
- [Google+ : September 2013](#)
- New Website and Newsletter: January 2014
- [English Newsletter: January 2015](#)

Thanks for your attention!

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