

# The European Commission's science and knowledge service

## Joint Research Centre



# JRC's Mission

***“ As the science and knowledge service  
of the Commission our mission is to support  
EU policies with independent evidence  
throughout the whole policy cycle ”***



# JRC Role: facts & figures



- 6 locations in 5 Member States: Italy, Belgium, Germany, The Netherlands, Spain
- Policy neutral: has no policy agenda of its own
- 42 large scale research facilities, more than 110 online databases
- 1500 core research staff, 3000 total staff
- 83% of core research staff having a PhD
- Over 1,400 scientific publications per year

# JRC-Directorate F: Health, Consumers & Reference Materials



*Director: E. Anklam*

**~ 300 Staff Members**  
~ 50 % female

**Located in Geel, Belgium & Ispra, Italy**

**F.1  
Health in  
Society**



*C. Nicholl*  
Ispra Site

**F.2  
Consumer  
Products  
Safety**



*A. Hoeveler*  
Ispra Site

**F.3  
Chemical  
Safety and  
Alternative  
Methods**



*M. Whelan*  
Ispra Site

**F.4  
Food Fraud  
Detection**



*F. Ulberth*  
Geel Site  
Ispra Site

**F.5  
Food and  
Feed  
Compliance**



*H. Emons*  
Geel Site  
Ispra Site

**F.6  
Reference  
Materials**



*D. Florian*  
Geel Site

**F.7  
Knowledge  
for Health  
and Consumers**



*G. Van den Eede*  
Geel Site  
Ispra Site

# Health in Society



Health Information

Health Promotion

Healthcare



# Health Information

European Commission > EU Science Hub > ECIS

## ECIS - European Cancer Information System

Measuring cancer burden and its time trends across Europe



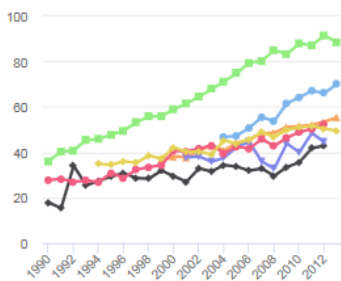
ECIS provides the latest information on indicators that quantify cancer burden across Europe. It permits the exploration of geographical patterns and temporal trends of incidence, mortality and survival data across Europe for the major cancer entities.

The purpose of the web-application is to support research as well as public-health decision-making in the field of cancer and to serve as a point of reference and information for European citizens.



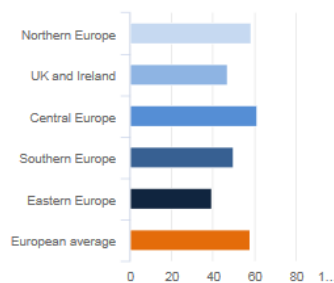
### Incidence and mortality estimates 2018

National estimates of cancer incidence and mortality in 2018, for the major cancer sites in 40 European countries.



### Incidence and mortality historical data

Incidence and mortality statistics over time by cancer site and demographic variables, in European cancer registration areas.



### Survival estimates

Estimated indicators of survival, by cancer sites and sex, across European countries and regions.

European Commission > EU Science Hub > European Platform on Rare Diseases Registration

## European Platform on Rare Diseases Registration (EU RD Platform)

Providing a central access point for information on rare disease patients' registries to all stakeholders

### Searchable, findable rare disease patient data



European Rare Disease Registry Infrastructure (ERDRI)

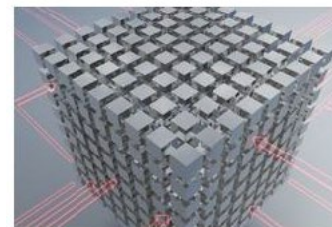


European standards for data collection and data sharing



Trainings Events Latest news

### Data repository



European RD Registry Data Warehouse



Surveillance of Congenital Anomalies in Europe



Surveillance of Cerebral Palsy in Europe

# Health promotion

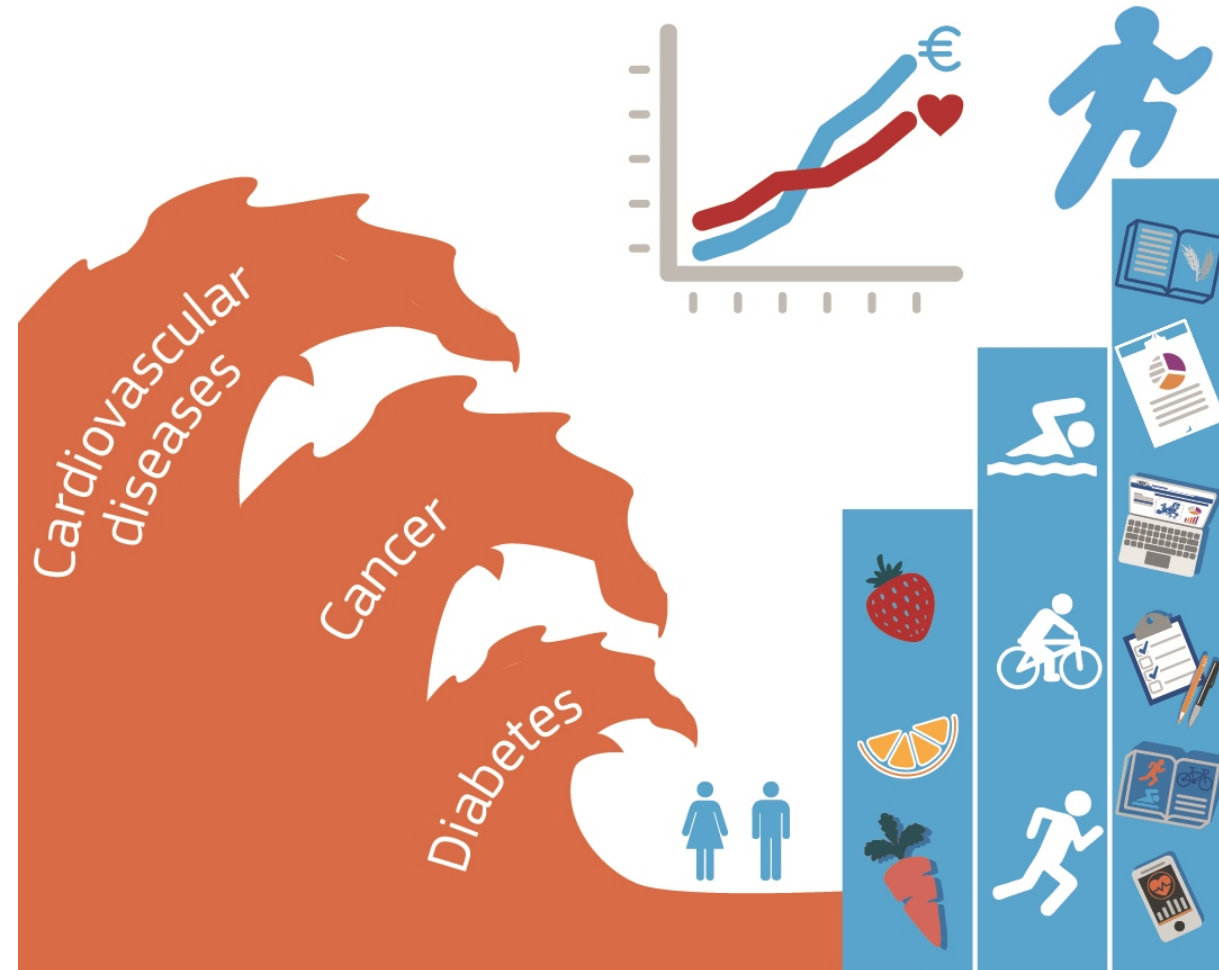
**86%** of deaths in Europe

**90%** cardiovascular diseases

**80%** diabetes

**40-45%** cancers

**Preventable risk factors**



# Health Promotion and Disease Prevention Knowledge Gateway

[Subscribe](#) | [Europa Analytics](#) | [Cookies](#) | [Legal notice](#) | [Contact](#) | [Search](#) | [English \(en\)](#)

Search 



EU SCIENCE HUB

The European Commission's science and knowledge service

[European Commission](#) > [EU Science Hub](#) > [Health Promotion and Disease Prevention Knowledge Gateway](#) > [Health Promotion and Disease Prevention](#) > [Nutrition](#)

[Home](#) | [About Us](#) | [Research](#) | [Knowledge](#) | [Working With Us](#) | [Procurement](#) | [News & Events](#) | [Our Communities](#)

## Home

[About](#)  
[Methodology](#)

## Health Promotion & Disease Prevention

### Nutrition

[Fats \(02/2018\)](#)  
[Fibre](#)  
[Protein](#)  
[Salt \(02/2018\)](#)  
[Fruit and Vegetables](#)  
[Sugars and Sweeteners \(01/2018\)](#)  
[Sugar Sweetened Beverages \(01/2018\)](#)  
[Water \(01/2018\)](#)  
[Whole Grain](#)

[Physical \(in\)activity and sedentary behaviour \(02/2018\)](#)

[Alcohol related harm \(01/2018\)](#)

[Other policy areas](#)

[Food and non-alcoholic beverage marketing to children and adolescents](#)

## Societal Impacts

[Disease burden of poor diet and physical inactivity \(02/2018\)](#)

[Health inequalities: dietary and physical activity-related determinants](#)

[Economic Costs of Non-Communicable Diseases \(01/2018\)](#)



PUBLIC HEALTH

Best Practice Portal

[European Commission](#) > [DG Health & Food Safety](#) > [Public health](#) > [BP Portal](#)

## Directly supporting the MS:

- **High Level Group on Nutrition and Physical Activity and Committee on National Alcohol Policy and Action**
- **Steering Group on Health Promotion, Disease Prevention and Management of Non-Communicable Diseases**



# Healthcare

## European Commission Initiative Breast Cancer

1. **IMPROVE QUALITY**
2. **REDUCE INEQUALITY IN ACCESS**

in breast cancer screening and care across Europe.

Two main objectives:

- Evidence-based Breast Cancer Guidelines on screening and diagnosis
- Quality Assurance scheme for breast cancer services



35 European countries



70 experts and patients representatives  
in two working groups



113 million women potentially  
involved in screening, ages 45-74



90 framed PICO questions



142 internationally developed  
guidelines on BC care



60 evidence-based  
recommendations on screening and  
diagnosis

# European Commission Initiative on Breast Cancer (ECIBC)


3 user profiles

Recommendation


Recommendation strength

Information tailored to specific profile


Read me

 General Information


I'm a patient/individual



I'm a professional



I'm a policy maker



**If you are aged 50 to 69, should you attend an organised mammography screening programme?**

Recommendation

Justification


Considerations


Read more...


**Recommendation**


The ECIBC's Guidelines Development Group recommends that women between 50 and 69 years old who are not at high risk of breast cancer and do not have symptoms have mammography screening for breast cancer.


**Recommendation strength**

 Strong recommendation against the intervention

 Conditional recommendation against the intervention

 Conditional recommendation for either the intervention or the comparison

 Conditional recommendation for the intervention

 Strong recommendation for the intervention

[Read more](#)

**What would following this recommendation mean for you?**

You may wish to speak with your healthcare professional to determine if you are at high, average or low risk of breast cancer, or if you want to discuss the balance of benefits and harms further.

# Integrating genomics into personalised healthcare: a science-for-policy perspective



## My genome: our future

**#MygenomeOurfuture**

12-13 February 2019, Brussels, Belgium



European  
Commission



# Any questions?

You can find me at: [sandra.caldeira@ec.europa.eu](mailto:sandra.caldeira@ec.europa.eu)