

# SABI

**First published:** 01/02/2024

**Last updated:** 17/10/2024

Data source

Human

Hospital inpatient records

Hospital outpatient visit records

Other

## Administrative details

### Administrative details

#### Data source ID

1111228

#### Data source acronym

SABI

#### Data holder

[Consorci Corporació Sanitària Parc Taulí](#)

#### Data source type

Hospital inpatient records

Hospital outpatient visit records

Other

## Data source type, other

Electronic health records

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## Main financial support

European public funding

Funding by own institution

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## Care setting

Hospital inpatient care

Hospital outpatient care

Secondary care – specialist level (ambulatory)

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## Data source qualification

If the data source has successfully undergone a formal qualification process (e.g., from the EMA, ISO or other certifications), this should be described.

No

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## Data source website

<https://www.tauli.cat/tauli/informacio-corporativa/area-de-referencia>

## Contact details

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## Data source regions and languages

## Data source countries

Spain

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## Data source languages

Catalan

Spanish

## Data source establishment

### Data source established

15/06/2017

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### Data source time span

**First collection:** 15/06/2017

The date when data started to be collected or extracted.

## Publications

### Data source publications

[Mortality prediction enhancement in end-stage renal disease: A machine learning approach](#)

[Adaptability to acute stress among women survivors of intimate partner violence: protocol for a mixed-methods cross-sectional study in a laboratory setting \(BRAW study\)](#)

## Data elements collected

The data source contains the following information

## **Disease information**

Does the data source collect information with a focus on a specific disease? This might be a patient registry or other similar initiatives.

Yes

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## **Rare diseases**

Are rare diseases captured? In the European Union a rare disease is one that affects no more than 5 people in 10,000.

Yes

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## **Pregnancy and/or neonates**

Does the data source collect information on pregnant women and/or neonatal subpopulation (under 28 days of age)?

Yes

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## **Hospital admission and/or discharge**

Yes

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## **ICU admission**

Is information on intensive care unit admission available?

Yes

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## **Cause of death**

Captured

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## **Cause of death vocabulary**

ICD-10

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## **Prescriptions of medicines**

Captured

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## **Prescriptions vocabulary**

ATC

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## **Dispensing of medicines**

Captured

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## **Dispensing vocabulary**

ATC

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## **Advanced therapy medicinal products (ATMP)**

Is information on advanced therapy medicinal products included? A medicinal product for human use that is either a gene therapy medicinal product, a somatic cell therapy product or a tissue engineered products as defined in Regulation (EC) No 1394/2007 [Reg (EC) No 1394/2007 Art 1(1)].

No

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## **Contraception**

Is information on the use of any type of contraception (oral, injectable, devices etc.) available?

No

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## **Indication for use**

Does the data source capture information on the therapeutic indication for the use of medicinal products?

Captured

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## **Indication vocabulary**

Not coded (Free text)

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## **Medical devices**

Is information on medicinal devices (e.g., pens, syringes, inhalers) available?

Yes

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## Administration of vaccines

Yes

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## Procedures

Does the data source capture information on procedures (e.g., diagnostic tests, therapeutic, surgical interventions)?

Captured

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## Procedures vocabulary

ICD-10

ICD-9

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## Healthcare provider

Is information on the person providing healthcare (e.g., physician, pharmacist, specialist) available?

The healthcare provider refers to individual health professionals or a health facility organisation licensed to provide health care diagnosis and treatment services including medication, surgery and medical devices.

Yes

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## Clinical measurements

Is information on clinical measurements (e.g., BMI, blood pressure, height) available?

Yes

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## Genetic data

Are data related to genotyping, genome sequencing available?

Not Captured

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## Biomarker data

Does the data source capture biomarker information? The term “biomarker” refers to a broad subcategory of medical signs ( objective indications of medical state observed from outside the patient), which can be measured accurately and reproducibly. For example, haematological assays, infectious disease markers or metabolomic biomarkers.

Not Captured

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### **Patient-reported outcomes**

Is information on patient-reported outcomes (e.g., quality of life) available?

Yes

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### **Patient-generated data**

Is patient-generated information (e.g., from wearable devices) available?

Yes

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### **Units of healthcare utilisation**

Are units of healthcare utilisation (e.g., number of visits to GP per year, number of hospital days) available or can they be derived? Units of healthcare utilisation refer to the quantification of the use of services for the purpose of preventing or curing health problems.

Yes

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### **Unique identifier for persons**

Are patients uniquely identified in the data source?

Yes

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### **Diagnostic codes**

Captured

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### **Diagnosis / medical event vocabulary**

ICD-10

ICD-9

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## **Medicinal product information**

Captured

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## **Medicinal product information collected**

Active ingredient(s)

Brand name

Dose

Route of administration

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## **Medicinal product vocabulary**

ATC

SNOMED

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## **Quality of life measurements**

Captured

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## **Quality of life measurements vocabulary**

Not coded (Free text)

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## **Lifestyle factors**

Captured

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## **Lifestyle factors**

Alcohol use

Diet

Other

Tobacco use

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## **Sociodemographic information**

Captured

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## **Sociodemographic information collected**

Age

Country of origin

Gender

Health area

Other

Pharmaceutical copayment

Type of residency

## Quantitative descriptors

### Population Qualitative Data

#### **Population age groups**

Paediatric Population (< 18 years)

Preterm newborn infants (0 – 27 days)

Term newborn infants (0 – 27 days)

Infants and toddlers (28 days – 23 months)

Children (2 to < 12 years)

Adolescents (12 to < 18 years)

Adults (18 to < 46 years)

Adults (46 to < 65 years)

Elderly ( $\geq$  65 years)

Adults (65 to < 75 years)

Adults (75 to < 85 years)

Adults (85 years and over)

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## Estimated percentage of the population covered by the data source in the catchment area

100%

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## Description of the population covered by the data source in the catchment area whose data are not collected (e.g., people who are registered only for private care)

Universal Population (Public care)

## Family linkage

### Family linkage available in the data source permanently or can be created on an ad hoc basis

Ad hoc

## Population

### Population size

1138701

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### Active population size

1144858

## Population by age group

Age group	Population size	Active population size
Paediatric Population (< 18 years)	111634	111280

Age group	Population size	Active population size
Infants and toddlers (28 days - 23 months)	3386	3371
Children (2 to < 12 years)	56751	56528
Adolescents (12 to < 18 years)	51497	51381
Adults (18 to < 46 years)	348734	347924
Adults (46 to < 65 years)	337420	333609
Elderly ( $\geq$ 65 years)	340913	284961
Adults (65 to < 75 years)	119466	114222
Adults (75 to < 85 years)	88121	78844
Adults (85 years and over)	133326	91195

## Median observation time

**Median time (years) between first and last available records for unique individuals captured in the data source**

5.00

**Median time (years) between first and last available records for unique active individuals (alive and currently registered) capt**

5.00

## Data flows and management

### Access and validation

### **Biospecimen access**

Are biospecimens available in the data source (e.g., tissue samples)?

No

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### **Access to subject details**

Can individual patients/practitioners/practices included in the data source be contacted?

Yes

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### **Description of data collection**

Data from multiple source are processed online and are validated and structured finally stored in OMOP database.

## Event triggering registration

### **Event triggering registration of a person in the data source**

Birth

Practice registration

Start of treatment

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### **Event triggering de-registration of a person in the data source**

Death

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### **Event triggering creation of a record in the data source**

Hospital Discharge, Encounters, Medicinal Product Dispensing, Surgery information, Admission records, etc.

## Data source linkage

### **Linkage**

Is the data source described created by the linkage of other data sources (prelinked data source) and/or can the data source be linked to other data source on an ad-hoc basis?

No

## Data management specifications that apply for the data source

### Data source refresh

Monthly

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### Informed consent for use of data for research

Other

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### Possibility of data validation

Can validity of the data in the data source be verified (e.g., access to original medical charts)?

Yes

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### Data source preservation

Are records preserved in the data source indefinitely?

Yes

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### Approval for publication

Is an approval needed for publishing the results of a study using the data source?

Yes

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### Informed consent, other

required for all studies, but waiver may be requested for retrospective observational studies and granted by the Ethics Committee.

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### Data source last refresh

01/12/2023

## Common Data Model (CDM) mapping

## CDM mapping

Has the data source been converted (ETL-ed) to a common data model?

Yes

## CDM Mappings

### CDM name (other)

SABI

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### Data source ETL status

In progress

### CDM name

OMOP

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### CDM website

<https://www.ohdsi.org/Data-standardization/>

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### Data source ETL CDM version

5.4

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### Data source ETL status

In progress