SABI

First published: 01/02/2024

Last updated: 05/01/2026

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

Main financial support

European public funding

Funding by own institution

Care setting

Hospital inpatient care

Hospital outpatient care

Secondary care – specialist level (ambulatory)

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

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

Data source languages

Catalan

Spanish

Data source establishment

Data source established

15/06/2017

Data source time span

First collection: 01/01/2017

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)

Studies

No information provided.

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

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

Pregnancy and/or neonates

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

Yes

Hospital admission and/or discharge

Yes

ICU admission

Is information on intensive care unit admission available?

Yes

Cause of death

Captured

Cause of death vocabulary

ICD-10

Prescriptions of medicines

Captured

Prescriptions vocabulary

ATC

Dispensing of medicines

Captured

Dispensing vocabulary

ATC

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

Contraception

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

No

Indication for use

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

Captured

Indication vocabulary

Not coded (Free text)

Medical devices

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

Yes

Administration of vaccines

Yes

Procedures

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

Captured

Procedures vocabulary

ICD-10

ICD-9

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

Clinical measurements

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

Yes

Genetic data

Are data related to genotyping, genome sequencing available?

Not Captured

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

Patient-reported outcomes

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

Yes

Patient-generated data

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

Yes

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

Unique identifier for persons

Are patients uniquely identified in the data source?

Yes

Diagnostic codes

Captured

Diagnosis / medical event vocabulary

ICD-10

ICD-9

Medicinal product information

Captured

Medicinal product information collected

Active ingredient(s)

Brand name

Dose

Route of administration

Medicinal product vocabulary

ATC

SNOMED

Quality of life measurements

Captured

Quality of life measurements vocabulary

Not coded (Free text)

Lifestyle factors

Captured

Lifestyle factors

Alcohol use

Diet

Other

Tobacco use

Sociodemographic information

Captured

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 (≥ 65 years)

Adults (65 to < 75 years)

Adults (75 to < 85 years)

Adults (85 years and over)

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

100%

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

1.199.839

Active population size

1.194.231

Population by age group

Age group	Population size	Active population size
Paediatric Population (< 18 years)	100.793	100.009
Term newborn infants (0 – 27 days)	191	191
Infants and toddlers (28 days – 23 months)	5.259	5.239

Age group	Population size	Active population size
Children (2 to < 12 years)	46.981	46.490
Adolescents (12 to < 18 years)	48.362	48.089
Adults (18 to < 46 years)	342.163	340.693
Adults (46 to < 65 years)	369.135	367.311
Elderly (≥ 65 years)	387.748	386.218
Adults (65 to < 75 years)	145.481	144.727
Adults (75 to < 85 years)	98.251	97.731
Adults (85 years and over)	144.016	143.760

Median observation time

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

6,00

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

6,00

Data flows and management

Access and validation

Biospecimen access

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

No

Access to subject details

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

Yes

Description of data collection

Data from multiple source are proceced online and are validated and structurated finally stored in OMOP database.

Event triggering registration

Event triggering registration of a person in the data source

Birth

Practice registration

Start of treatment

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

Death

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

Informed consent for use of data for research

Other

Possibility of data validation

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

Yes

Data source preservation

Are records preserved in the data source indefinitely?

Yes

Approval for publication

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

Yes

Informed consent, other

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

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

Data source ETL status

In progress

CDM name

OMOP

CDM website

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

Data source ETL CDM version

5.4

Data source ETL status

In progress