

# AOUPR EHDEN Database

**First published:** 30/04/2024

**Last updated:** 04/04/2025

Data source

Human

Cancer registry

Disease registry

Hospital inpatient records

Other

## Administrative details

### Administrative details

**Data source ID**

1000000024

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**Data source acronym**

AOUPR

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**Data holder**

[University Hospital of Parma](#)

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**Data source type**

Cancer registry

Disease registry

Hospital inpatient records

Other

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### **Data source type, other**

Diagnostic tests and procedures, COVID-19, registries, hospital discharge, laboratory data, death data and other

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### **Main financial support**

European public funding

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### **Care setting**

Hospital inpatient care

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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

## Contact details

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## Data source regions and languages

### **Data source countries**

Italy

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## Data source languages

English

Italian

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## Data source regions

Emilia-Romagna

## Data source establishment

### Data source established

15/12/2023

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### Data source time span

**First collection:** 15/06/2021

The date when data started to be collected or extracted.

**Last collection:** 15/06/2022

If data collection in the data source has ceased, the date new records last entered the data source.

## 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.

No

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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**

SNOMED

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## **Prescriptions of medicines**

Captured

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## **Prescriptions vocabulary**

RxNorm

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## **Dispensing of medicines**

Captured

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## **Dispensing vocabulary**

RxNorm

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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?

Not Captured

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## **Medical devices**

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

No

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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**

### **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.

No

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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.

No

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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-9-CM

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## **Medicinal product information**

Captured

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## **Medicinal product information collected**

Formulation

Route of administration

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## **Medicinal product vocabulary**

RxNorm

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## **Quality of life measurements**

Not Captured

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## **Lifestyle factors**

Not Captured

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## **Sociodemographic information**

Captured

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### **Sociodemographic information collected**

Age

Gender

## Quantitative descriptors

### Population Qualitative Data

#### **Population age groups**

Paediatric Population (< 18 years)

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 < 65 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)

### Family linkage

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

Permanently

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## Family linkage available between the following persons

Mother-child

## Population

### Population size

573205

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### Active population size

524208

## Population by age group

Age group	Population size	Active population size
Paediatric Population (< 18 years)	77740	77694
Term newborn infants (0 - 27 days)	7282	7279
Infants and toddlers (28 days - 23 months)	6553	6552
Children (2 to < 12 years)	36075	36060
Adolescents (12 to < 18 years)	27830	27803
Adults (18 to < 46 years)	178506	178016

<b>Age group</b>	<b>Population size</b>	<b>Active population size</b>
Adults (46 to < 65 years)	149643	146675
Elderly ( $\geq$ 65 years)	167316	121823
Adults (65 to < 75 years)	60101	54646
Adults (75 to < 85 years)	57599	43921
Adults (85 years and over)	49616	23256

## Median observation time

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

0.74

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

0.84

## 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?

No

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### **Description of data collection**

Medical records, registries

## Event triggering registration

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

Birth

Disease diagnosis

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

Practice deregistration

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

All those who received at least one healthcare provision during the period of interest

## 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**

Required for all studies

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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?

No

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**Data source preservation length (years)**

10 years

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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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**Data source last refresh**

19/09/2023

## 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**

OMOP

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**CDM website**

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

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**Data source ETL status**

Completed