

Team Gesundheit GKV Claims data

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Data source

Human

Administrative healthcare records (e.g., claims)

Administrative details

Administrative details

Data source ID

1111186

Data source acronym

GKV, SHI

Data holder

[Team Gesundheit](#)

Data source type

Administrative healthcare records (e.g., claims)

Main financial support

Funding by own institution

Funding from industry or contract research

Care setting

Hospital inpatient care

Hospital outpatient care

Primary care – GP, community pharmacist level

Primary care – specialist level (e.g. paediatricians)

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://teamgesundheit.de/forschung/versorgungsforschung/>

Contact details

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Main

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Data source regions and languages

Data source countries

Germany

Data source languages

German

Data source establishment

Data source established

01/01/2010

Data source time span

First collection: 01/01/2015

The date when data started to be collected or extracted.

Last collection: 31/12/2024

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

Publications

Data source publications

[Prevalence and Treatment Costs of Type 2 Diabetes in Germany and the Effects of Social and Demographical Differences](#)

[Perianal fistulas in adult patients with Crohn's disease in Germany - a retrospective cross-sectional analysis of claims Data from German sickness funds](#)

[The impact of non-persistence on the direct and indirect costs in patients treated with subcutaneous tumor necrosis factor-alpha inhibitors](#)

[The number of patients with chronic hepatitis C in times of new therapy options. A retrospective observational study on German health insurance funds Data](#)

[How Representative are the Patients Included in the CV outcome Trials with SGLT2 Inhibitors of a General Type 2 Diabetes Population? A Large European observational study](#)

Incidence of hepatocellular carcinoma after prior sorafenib treatment and subsequent costs in Germany using Database analysis

Lower-extremity amputations in people with and without diabetes in Germany, 2008–2012—an analysis of 30 million inhabitants

A retrospective observational study of the epidemiology of advanced gastric cancer in Germany. An analysis of health insurance Data from a central Database

Versorgung von Asthmapatienten mit Kombinationstherapie aus ICS und LABA - Eine GKV-Daten-Analyse

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

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

Not Captured

Prescriptions of medicines

Captured

Prescriptions vocabulary

other

Prescriptions vocabulary, other

PZN, DIMDI-ATC

Dispensing of medicines

Captured

Dispensing vocabulary

other

Dispensing vocabulary, other

PZN, DIMDI-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)].

Yes

Contraception

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

Yes

Indication for use

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

Captured

Indication vocabulary

Other

Indication vocabulary, other

ICD10 GM

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

OPCS

Other

Procedures vocabulary, other

EBM

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?

No

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?

No

Patient-generated data

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

No

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

Other

Diagnosis / medical event vocabulary, other

ICD-10-GM

Medicinal product information

Captured

Medicinal product information collected

Brand name

Dose

Formulation

Package size

Route of administration

Strength

Medicinal product vocabulary

Other

If 'other,' what vocabulary is used?

PZN

Quality of life measurements

Not Captured

Lifestyle factors

Not Captured

Sociodemographic information

Captured

Sociodemographic information collected

Age

Education level

Gender

Living in rural area

Sex

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)

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

10% of the German population

Regarding size calculation per age group: number provided under Infants and toddlers (28 days – 23 months) includes also Newborn infants, infants and toddlers (under 2 years)

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)

The data source captures the general population that has chosen a SHI as their provider which is contributing data to the research data base of Team Gesundheit.

Population

Population by age group

Age group	Population size
Infants and toddlers (28 days - 23 months)	104275
Children (2 to < 12 years)	664238
Adolescents (12 to < 18 years)	399185
Adults (18 to < 46 years)	2440883
Adults (46 to < 65 years)	2102787
Adults (65 to < 75 years)	792615
Adults (75 to < 85 years)	464291
Adults (85 years and over)	227656

Median observation time

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

6.49

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

10.00

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?

No

Description of data collection

Reimbursement data generated as part of healthcare are anonymized and used for epidemiological research

Event triggering registration

Event triggering registration of a person in the data source

Insurance coverage start

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

Death

Emigration

Insurance coverage end

Event triggering creation of a record in the data source

Doctors visit, dispensation of prescription, hospital visit, outpatient center visit, registration in sickness fund

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

Linkage description, pre-linked

no direct linkage possible due to anonymisation

Data management specifications that apply for the data source

Data source refresh

Yearly

Informed consent for use of data for research

Not Required

Possibility of data validation

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

No

Data source preservation

Are records preserved in the data source indefinitely?

No

Data source preservation length (years)

10 years

Approval for publication

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

No

Data source last refresh

15/01/2026

Common Data Model (CDM) mapping

CDM mapping

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

Yes