Belgian Cancer Registry Data Application Form

The main task of the Belgian Cancer Registry (BCR) is the registration of all new cancer cases in Belgium. The database can be considered complete for Belgium since 2004.

To access BCR data, the approval of a data application is required. All applications are reviewed by the Internal Review Board. BCR will use the information provided in your application to determine the acceptability and feasibility of your data request. Please complete all relevant fields in this application form before submitting.

1. **APPLICANT DETAILS**

The personal data provided here will only be used or disclosed to communicate about this application form.

**A.1 Principal Investigator details**

Provide details of the individual leading the project, responsible for its management, outputs and dissemination of the results. This individual, commonly referred to as the promoter, usually serves as the primary contact for any formal correspondence. Details about the researcher conducting the research on a day-to-day basis should be outlined in Section A.3 below.

1. Name Click or tap here to enter text
2. Title/Role Click or tap here to enter text
3. Professional email address Click or tap here to enter text

**A.2 Applicant organization**

Provide the identity and contact details of the substantive organization of the Principal Investigator.

1. Organization name Click or tap here to enter text
2. Department Click or tap here to enter text
3. Address Click or tap here to enter text

**A.3 Details of the individual conducting the research**

Provide the identity and contact details of the individual who will conduct the research project.

1. Name Click or tap here to enter text
2. Title/Role Click or tap here to enter text
3. Professional email address Click or tap here to enter text

**A.4 Details of the individuals needing access to the data**

Access to our data requires a signed research agreement. Upon agreement, we will request the mobile phone number and professional email address of individuals seeking access. This information is necessary as the BCR data will be accessible within a secured environment, requiring a multi-factor authenticator on your mobile device. The QR code for activation of the authenticator will be sent to your professional email address.

1. **FUNDING ARRANGEMENTS**

BCR applies fixed rates per working day and a flat-rate cost contribution. Access to pseudonymized data at the record level incurs a flat-rate cost contribution of €4100, subject to yearly indexation. This contribution covers meetings for project initiation, methodological refinement, feedback on research protocols and data variables, data preparation, and secure data provision within BCR's environment. Linking procedures with partners are not included (see point C.4). Additional costs may arise based on expert support and data complexity, potentially increasing the number of working days required. Once the research protocol is finalized, a cost estimate will be provided.

Adequate funding available

Yes

No

1. **PROJECT**

Provide a short description of the project (can be bullet points). If available, accompany this application by a (detailed) research protocol.

1. Project title

Click or tap here to enter text

1. Describe the main hypothesis and specific research question of this project.

Click or tap here to enter text

1. Explain the methods you will use in this project, such as how you will analyze the data and how you will draw conclusions. BCR provides access to R and/or SAS for statistical analysis. Which of these statistical program(s) do you plan to use for your analyses? Additionally, do you require statistical guidance from BCR? (Subject to additional funding)

Click or tap here to enter text

1. If this project involves data linkage with other partners, specify the type of collaboration.

*For instance, coupling with the* [*International Mutualistic Agency (IMA)*](https://metadata.ima-aim.be/nl/app/bdds/Gz) *for treatment data / coupling with the* [*Crossroads Bank for Social security*](https://www.ksz-bcss.fgov.be/nl/gegevensbescherming/gegevens-en-dienstencatalogus-sociale-sector) *(CBS) for socio-economical data / …*

Click or tap here to enter text

1. Specify any intended outputs that will communicate the findings of this project with relevant audiences.

Select

Where other, provide further details of intended outputs: Click or tap here to enter text

1. Project timeline

Provide details of the anticipated project timeline (start date/end date of the project or research period, project duration, deadline submission thesis, ...). Has the project been submitted to an ethics committee, or does it already have ethical approval?

Click or tap here to enter text

1. **SUMMARY OF DATA REQUIREMENTS**

Provide here the desired selection criteria for your data request, if already known. This does not yet determine the final selection but helps us to properly prepare the data request.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| month | year | until | month | year |

1. Incidence years

*Cancer-related and treatment data are typically available at BCR 2 to 3 years post-diagnosis. For example, for incidence year 2022, cancer-related data are accessible from July 2024 onwards, and treatment-related data from March 2025 onwards.*

1. Cancer type(s)

*For all subcategories, refer to Annex 1.*

|  |  |  |
| --- | --- | --- |
| Bone and soft tissue | Eye and adnexa | Male genital organs |
| Breast | Female genital organs | Skin (excl. basal cell carcinoma) |
| Central nervous system | Head and neck | Thorax |
| Digestive system | Hematolymphoid system | Urinary system |
| Endocrine glands | Ill-defined or unknown primary site | Other, specify To code(s) |

1. Tumor localizations Topography code(s)  
   [*ICD-O-3 topography codes*](https://kankerregister.org/sites/default/files/2024-03/prplicdonl_nl.pdf)
2. Morphology tumor cell type + behavior

[*ICD-O-3 morphology codes*](https://kankerregister.org/sites/default/files/2024-03/prplicdonl_nl.pdf) *(f.i. adenocarcinoma: 8140/3)*

1. Stage, if applicable Click or tap here to enter text

*Clinical or pathological stage according to the Classification of Malignant Tumours (TNM).*

1. Sex  Male  Female  Both
2. Age ranges Lower limit until Upper limit
3. Treatment modalities of interest (including corresponding [nomenclature](https://webappsa.riziv-inami.fgov.be/Nomen/nl/search) and/or [ATC codes](https://atcddd.fhi.no/atc_ddd_index/)) + timing of treatment.  
   *We have treatment data available until maximally 5 years after incidence.*

Click or tap here to enter text

1. How do you want to receive the data?  Aggregated  Record level  
   *Aggregated: individual data combined in a summary form / Record level: individual data per patient or tumor (on BCR remote environment).*
2. Other variable(s): specify. Click or tap here to enter text
3. **ANY ADDITIONAL INFORMATION**

This section allows you the opportunity to share any other relevant information with BCR.

*Click or tap here to enter text*

**ANNEX 1**

Cancer types:

Bone and soft tissue

Bone

Soft tissue

Peritoneum and retroperitoneum

Kaposi sarcoma

Breast

Central nervous system

Meninges

Brain

Spinal cord, cranial nerves and CNS NOS

Digestive system

Oesophagus

Oesophagus, squamous cell carcinoma

Oesophagus, adenocarcinoma

Oesophagus, other and NOS

Cardia

Stomach (excl. cardia)

Small intestine

Colon and rectum

Colon

Rectum

Anus and anal canal

Liver

Liver, hepatocellular carcinoma

Liver, cholangiocarcinoma

Liver, other and NOS

Gallbladder

Biliary tract

Pancreas

Digestive system, NOS

Endocrine glands

Thyroid

Thyroid, papillary carcinoma

Thyroid, follicular carcinoma

Thyroid, medullary carcinoma

Thyroid, anaplastic carcinoma

Thyroid, other and NOS (incl. mixed forms)

Adrenal gland

Endocrine glands, other and NOS

Eye and adnexa

Female genital organs

Vulva

Vagina

Cervix uteri

Corpus uteri

Uterus, NOS

Ovary

Female genital organs, other and NOS

Placenta

Head and neck

Lip

Oral cavity

Tongue

Gum

Floor of mouth

Hard palate

Mouth, NOS

Oropharynx

Base of tongue

Soft palate, uvula and palate NOS

Tonsil

Oropharynx, other and NOS

Hypopharynx

Pyriform sinus

Hypopharynx, other and NOS

Nasopharynx

Salivary glands

Parotid gland

Salivary glands, NOS

Lip, oral cavity and pharynx, NOS

Nasal cavity and paranasal sinuses

Nasal cavity

Paranasal sinuses

Larynx

Glottis

Supraglottis

Larynx other and NOS

Hematolymphoid system

Hodgkin lymphoma

Mature B-cell non-Hodgkin lymphoma/leukaemia

B-cell chronic lymphocytic leukaemia / small lymphocytic lymphoma

Hairy cell leukaemia

Other Mature B-cell leukaemia and related lymphoma

Immunoproliferative disease

Plasma cell neoplasm

Marginal zone lymphoma

Follicular lymphoma and related lymphoma

Mantle cell lymphoma

Diffuse large B-cell lymphoma and related large B-cell lymphoma

Burkitt lymphoma / leukaemia

Mature T-/NK- cell lymphoma

Primary cutaneous T-cell lymphoma

Peripheral NK/T-cell lymphoma

Precursor neoplasm

Precursor lymphoid neoplasm or acute lymphoblastic leukaemia / lymphoma

Acute myeloid leukaemia and related precursor neoplasms

Chronic myeloid neoplasm

Chronic myeloid leukaemia

Polycythaemia vera

Primary myelofibrosis

Essential thrombocythaemia

Other MPN and related neoplasm

Mast cell neoplasm

Myelodysplastic syndrome

Myelodysplastic/myeloproliferative neoplasm

Histiocytic and dendritic cell neoplasm

Unspecified haematological malignancy

Ill-defined or unkown primary site

Ill-defined primary site

Unknown primary site

Male genital organs

Penis

Prostate

Testis

Male genital organs, NOS

Skin (excl. basal cell carcinoma)

Melanoma

Non-melanoma skin cancer (excl. basal cell carcinoma)

Non-melanoma skin cancer, squamous cell carcinoma

Non-melanoma skin cancer, other and NOS (excl. basal cell carcinoma)

Thorax

Trachea

Lung

Lung, SCLC

Lung, NSCLC

Lung, NSCL (squamous cell carcinoma)

Lung, NSCLC (adenocarcinoma)

Lung, NSCLC (other and NOS)

Lung, other and NOS

Mesothelioma

Thymus

Heart, mediastinum and pleura

Respiratory system and intrathoracic organs, NOS

Urinary system

Kidney

Renal pelvis

Ureter

Bladder

Urinary organs, NOS