

# Standard documentation Meta information

(Definitions, comments, methods, quality)

on

## Cancer statistics/Cancer registry

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STATISTICS AUSTRIA  
Bundesanstalt Statistik Österreich  
A-1110 Vienna, Guglgasse 13  
Phone: +43 1 711 28-0  
[www.statistik.at](http://www.statistik.at)

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**Directorate Social Statistics  
Department Demography and Health**

Contact person:  
Mag. Dr. Monika Hackl  
Tel.: +43 1 711 28-7355  
E-Mail: [monika.hackl@statistik.gv.at](mailto:monika.hackl@statistik.gv.at)

## Executive Summary

The **Austrian National Cancer Registry** at Statistics Austria is a population-based registry with a clear epidemiological foundation. It forms the basis for the **Austrian cancer statistics**, which is an elementary data source for health policy, health care reporting and scientific research. The Austrian cancer statistics provides information on the different types of cancer, focusing on the organ affected by cancer, the tissue type and the tumor stage at diagnosis. Important key figures are incidence (newly diagnosed cancer cases per calendar year), mortality (cancer deaths), prevalence (persons living with a cancer diagnosis) and survival probabilities of cancer patients. Broken down by demographic and tumor-specific characteristics, these indicators are published annually in the run-up to World Cancer Day (February 4).

According to the **Cancer Statistics Act 1969** and the **Cancer Statistics Ordinance 2019**, **hospitals are obliged to report every case of cancer and every death from cancer**. These legal bases oblige the reporting institutions to transmit data exclusively electronically in a structured data format and Statistics Austria to process data pseudonymously in accordance with the data protection requirements of the European General Data Protection Regulation. Moreover, these legal foundations are essential for the completeness and thus the quality of the register. In most federal states (with the exception of Burgenland, Styria and Vienna), **regional or clinical tumor registries meanwhile act as service providers for the hospitals** and carry out data collection and processing in the respective federal state. **Plausibility and quality criteria** closely linked to international recommendations apply both to data directly from hospitals and to data from registries. The regional and clinical tumor registries cooperate closely with the Austrian National Cancer Registry regarding plausibility and quality checks.

**International comparability** is the aim of the plausibility and quality checks of the "International Association of Cancer Registries" (IACR) and the "European Network of Cancer Registries" (ENCR). The Austrian National Cancer Registry has been a member of the IACR and ENCR for a long time and the registry is internationally recognized. The Austrian cancer statistics have been published in the publication "Cancer Incidence in Five Continents (CI5)" of the "International Agency for Research on Cancer" (IARC) since the diagnosis year 1997.

## Cancer statistics/Cancer registry – Main Key Points

<b>Subject matter</b>	New cancer cases Number and type as well as lethality of new cancer cases, i.e. all carcinomas, all sarcomas, all malignant diseases of the hematopoietic system, the lymphatic system as well as the reticuloendothelial system (retothelial system).
<b>Population</b>	All cancer cases in the Austrian resident population (about 45,000 per year)
<b>Type of statistics</b>	Registry Primary statistics
<b>Data sources/Survey techniques</b>	Cancer registry reports (electronic, machine-readable) from all institutions obliged to report / complete survey Cause of death statistics / secondary use (date of death; cause of death) Central civil register (ZMR) of the Federal Ministry of the Interior (BMI) / secondary use (date of death; regional reference; restriction to Austrian resident population)
<b>Reference period or due day</b>	Calendar years
<b>Periodicity</b>	annually
<b>Survey participation (in case of a survey)</b>	Medical institutions medicating cancer patients are legally obliged to report (primary statistics).
<b>Main legal acts</b>	Cancer Statistics Act 1969, version of 11 December 1969 Cancer Statistics Act 1969, 14 May 1969 Cancer Statistics Ordinance 2019
<b>Most detailed regional breakdown</b>	published results: Austria/Federal States
<b>Availability of results</b>	Publication once a year: t + 2 y Ongoing revisions (annually upon publication)
<b>Other</b>	