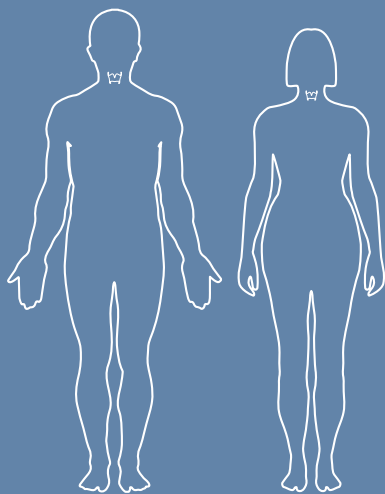




European Commission



## Larynx cancer burden in EU-27

The larynx, often referred to as the voice box, is an organ located in the top of the neck connecting the throat to the rest of the respiratory system, containing the vocal cords and playing an important role in breathing, swallowing and the ability to speak. Larynx cancer occurs when cancer cells develop in the tissue of the larynx, and most commonly in the flat cells in the lining of the larynx.

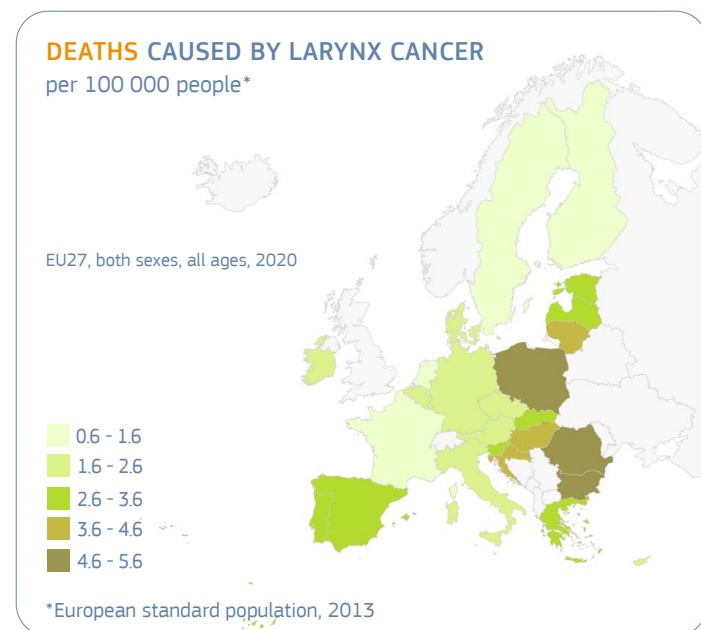
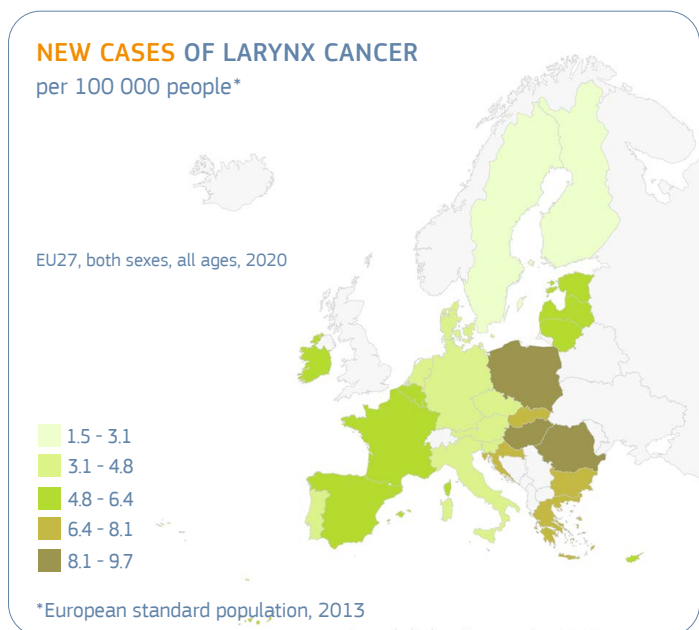
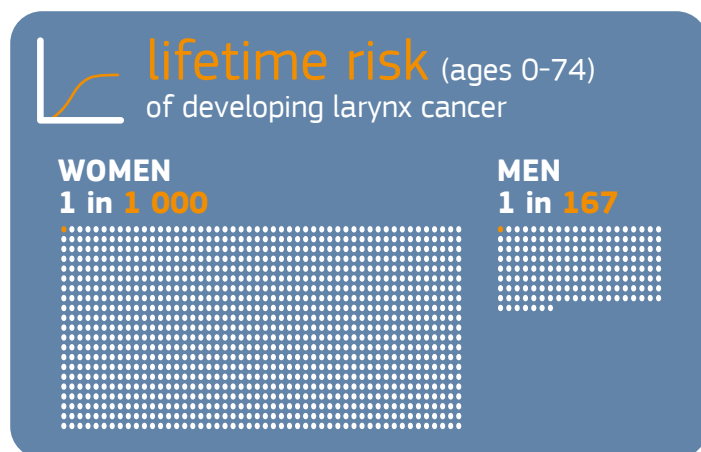
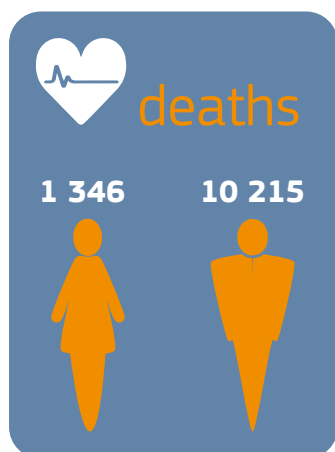
For EU-27 countries, it is estimated that larynx cancer accounted in **2020** for **0.9%** of all new cancer diagnoses (excluding non-melanoma skin cancers) and **0.9%** of all deaths due to cancer. That made it the 11<sup>th</sup> most frequently occurring cancer, and the 20<sup>th</sup> leading cause of cancer.

Source: ECIS – European Cancer Information System

<https://ecis.jrc.ec.europa.eu>, accessed 01/09/2022

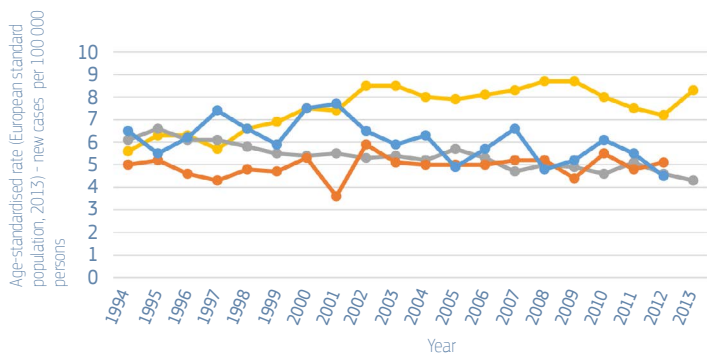
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## 2020 new cases (incidence) and deaths (mortality) estimates

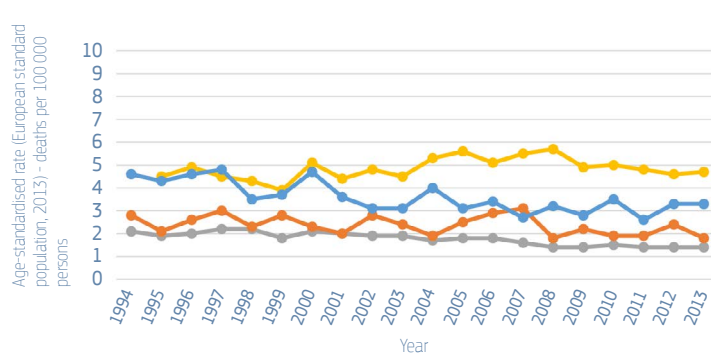


# TEMPORAL TRENDS IN SELECTED COUNTRIES<sup>1</sup>

## NEW CASES OF LARYNX CANCER – all ages, per 100 000 people



## DEATHS CAUSED BY LARYNX CANCER – all ages, per 100 000 people

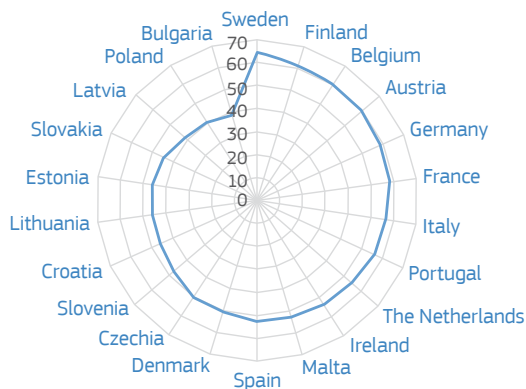


Bulgaria — The Netherlands — Ireland — Slovenia —

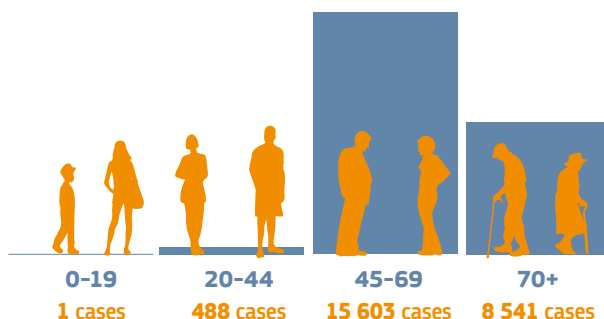
<sup>1</sup> The examples (one from each European region: Central and Eastern, Northern, Southern, Western) are selected from available incidence and mortality time series of at least 20 years, from the ECIS web application archive (<https://ecis.jrc.ec.europa.eu/>), complemented with the official mortality statistics from EUROSTAT ([https://ec.europa.eu/eurostat/databrowser/view/HLTH\\_CD\\_ASDR\\_custom\\_1394498/default/table?lang=en](https://ec.europa.eu/eurostat/databrowser/view/HLTH_CD_ASDR_custom_1394498/default/table?lang=en)) for Slovenia

## LARYNX CANCER SURVIVAL\*

Ages >15, cancers diagnosed in 2000-2007  
Percentage of people who survived at least 5 years after diagnosis (in absence of other causes of death except cancer)



## ESTIMATED DISTRIBUTION OF NEW CASES OF LARYNX CANCER IN 2020 – BY AGE GROUP



## HIGHLIGHTS

- In the EU27, larynx cancer is greatly more common among men compared to women, with the incidence and mortality, as well as the lifetime risk of developing larynx cancer, being almost six times higher for men compared to women.
- According to 2020 estimates, larynx cancer incidence and mortality is generally higher in Southern and Eastern European countries, compared to the rest of the EU27.
- Both larynx cancer incidence and mortality vary between countries in Europe, but has been slightly decreasing in most countries.
- The five-year survival of larynx cancer varies between EU27 countries. The highest survival of larynx cancer is found in countries of Northern and Central Europe, and the lowest survival of larynx cancer is found in countries of Eastern Europe. The variation in survival may be due to stage at diagnosis and timeliness of treatments.

## ACKNOWLEDGEMENTS

Grateful acknowledgement is given to the European cancer registries as the data source for the indicators reported in the **European Cancer Information System (ECIS)**.

This factsheet is part of a series that reports information from ECIS for all cancer sites.

For **details**, or to find other **factsheets**:

<https://ecis.jrc.ec.europa.eu>



<https://cancer-code-europe.iarc.fr>



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European Network  
of Cancer Registries