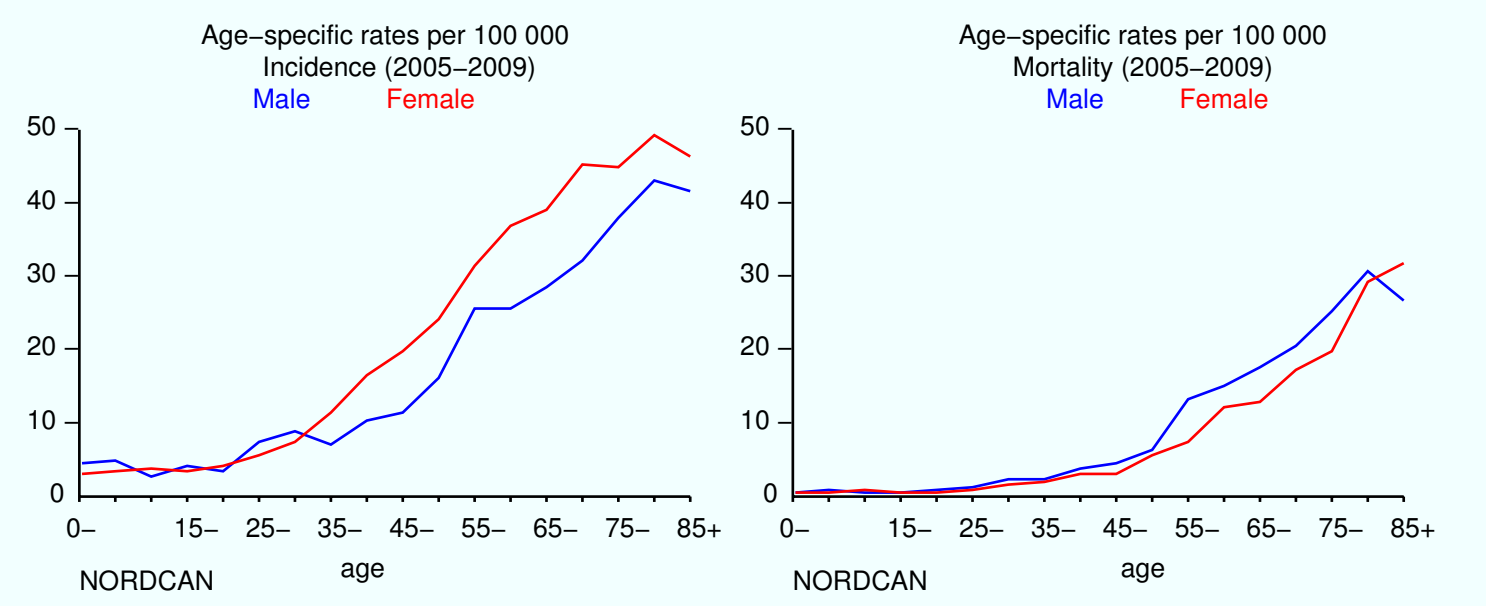
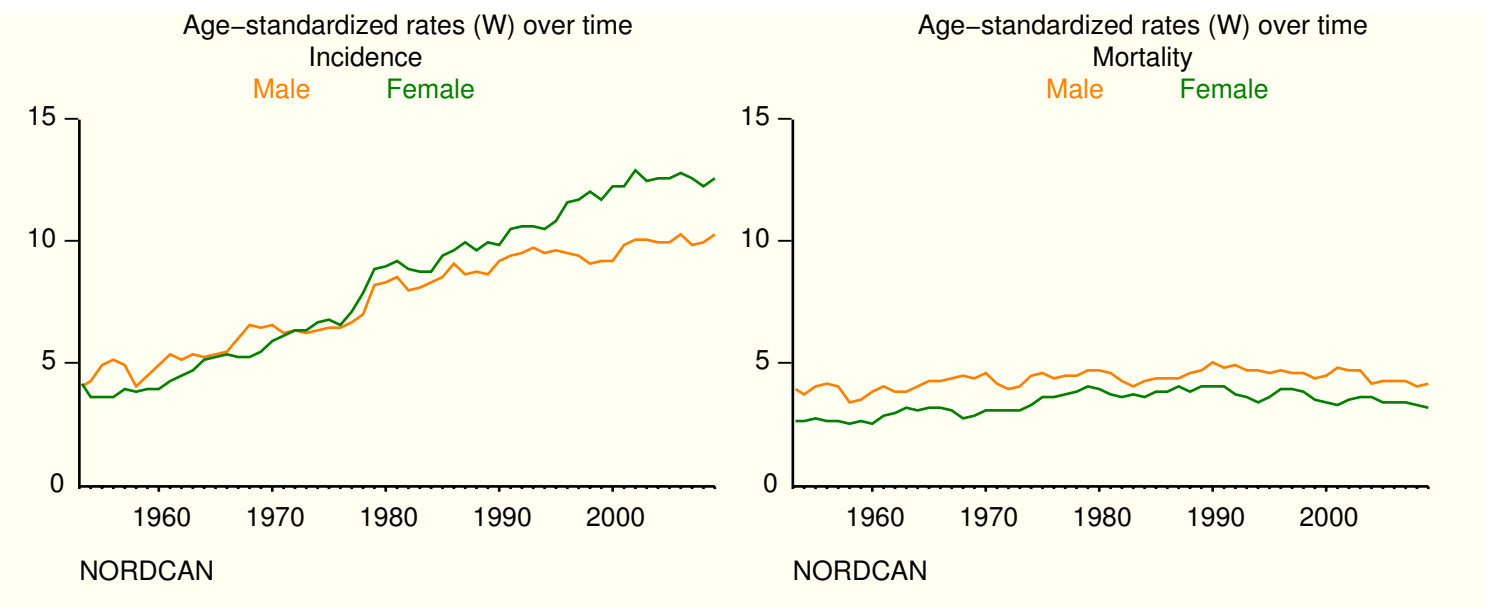




## Cancer stat fact sheets Finland - Brain, central nervous system

	Male	Female
Number of new cases per year (incidence 2005–2009)	362	541
Proportion of all cancers (%)	2.6	4.2
Proportion of all cancers except non–melanoma skin (%)	2.7	4.3
Risk of getting the disease before age 75 (%)	1.0	1.3
Age–standardized rate (W)	10.2	12.6
– Estimated annual change latest 10 years (%)	<b>+0.5</b>	<b>+0.1</b>
Number of deaths per year (2005–2009)	177	182
Proportion of all cancer deaths (%)	3.1	3.5
Risk of dying from the disease before age 75 (%)	0.5	0.4
Age–standardized rate (W)	4.3	3.4
– Estimated annual change latest 10 years (%)	<b>–1.4</b>	<b>–0.5</b>
Persons living with the diagnosis at the end of 2009 (prevalence)	3227	6123
Number of persons living with the diagnosis per 100 000	122	224
Relative survival (%) with [95% CI] (1999–2003)		
1–year	67 [65–69]	77 [75–78]
5–year	51 [48–53]	68 [66–70]





## Word explanation for cancer stat fact sheets

### **Incidence (number of new cancer cases)**

Incidence is the number of new cases arising in the given period.

### **Risk of getting or dying from the disease before age 75 (%)**

The probability or risk of individuals getting/dying from the disease during a specified period is also called cumulative risk. For cancer, it is expressed as the number of new born children (out of 100) who would be expected to develop/die from a particular cancer before the age of 75 if they had the rates of cancer incidence/mortality observed in the period in the absence of competing causes of death.

### **Age-standardized rate (W)**

A rate is the number of new cases or deaths per 100 000 persons per year. An age-standardized rate is the rate that a population would have if it had a standard age structure. Standardization is necessary when comparing several populations that differ with respect to age because age has such a powerful influence on the risk of cancer, for instance when the risk of cancer in Denmark in the 1950's is to be compared to the risk in the latest time period. The most frequently used standard population is the World Standard Population (W).

### **Estimated annual change (%)**

Estimated annual change in percent is used to describe the magnitude of change in the trend. It is the average annual rate of change in the age-standardized rate over the latest 10 year period.

### **Mortality (number of deaths)**

Mortality is the number of deaths from the cancer occurring in the given period.

### **Prevalence (number of persons living with the diagnosis)**

The prevalence of a particular cancer can be defined as the number of persons who have been diagnosed with that type of cancer, and who are still alive at the end of a given year.

Prevalence represents the number of persons alive on a certain day, who previously had a diagnosis of the disease, regardless of how long ago the diagnosis was, or if the patient is still under treatment or is considered cured.

### **Relative survival (%) with [95% CI]**

Relative survival is defined as the ratio of the observed survival in the group of patients to the survival expected in a group of people in the general population, who are similar to the patients with respect to sex, age and calendar time at the time of diagnosis. It can be interpreted as the probability of patient survival in the absence of other causes of death. It is reported for 1 and 5 years following diagnosis.

In NORDCAN the relative survival is age-standardised with the International Cancer Survival Standards (ICSS). [95% CI] indicates the confidence interval of the survival estimate, and (1999–2003) indicates the period of diagnosis.

A more detailed explanation of the words can be found in NORDCAN on the web ([www.ancr.nu](http://www.ancr.nu)) in the menu in Glossary of terms.