

# EUROCARE-4. Survival of cancer patients diagnosed in 1995–1999. Results and commentary

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#### ABSTRACT

EUROCARE-4 analysed about three million adult cancer cases from 82 cancer registries in 23 European countries, diagnosed in 1995–1999 and followed to December 2003. For each cancer site, the mean European area-weighted observed and relative survival at 1-, 3-, and 5-years by age and sex are presented. Country-specific 1- and 5-year relative survival is also shown, together with 5-year relative survival conditional to surviving 1-year. Within-country variation in survival is analysed for selected cancers.

Survival for most solid cancers, whose prognosis depends largely on stage at diagnosis (breast, colorectum, stomach, skin melanoma), was highest in Finland, Sweden, Norway and Iceland, lower in the UK and Denmark, and lowest in the Czech Republic, Poland and Slovenia. France, Switzerland and Italy generally had high survival, slightly below that in the northern countries. There were between-region differences in the survival for haemato-logic malignancies, possibly due to differences in the availability of effective treatments.

Survival of elderly patients was low probably due to advanced stage at diagnosis, comorbidities, difficult access or lack of availability of appropriate care.

For all cancers, 5-year survival conditional to surviving 1-year was higher and varied less with region, than the overall relative survival.

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#### 1. Introduction

EUROCARE, which began in 1990,<sup>1–3</sup> is the largest co-operative cancer registry-based study on the survival and care of European cancer patients. Its aims are to monitor, analyse and explain cancer survival trends and between-country differences in survival and care. Summary results of EUROCARE-4, per-taining to patients diagnosed in 1995–1999 and later, have already been published.<sup>4,5</sup> The aim of the present paper is to illustrate and comment on the results of survival analyses in greater detail for each cancer site included in EUROCARE-4 by country, follow-up interval, age at diagnosis and sex. In

addition to these conventional survival analyses – presented in the previous EUROCARE projects – the present paper also analyses 5-year survival conditional to surviving the first year after diagnosis (5-year conditional survival). Overall survival is greatly influenced by the mortality that occurs soon after diagnosis, due in part to perioperative mortality, but also to advanced disease stage or significant comorbidity at diagnosis.

In order to provide an indication of within-country variation in survival, we also give, for selected cancers, survival for individual cancer registries (CRs) within countries, and coefficients of within-country survival variation.

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#### 2. Cases and methods

#### 2.1. Cancer cases

This analysis was carried out on 2,718,346 adult (aged  $\geq$ 15 years) cancer cases diagnosed in 1995–1999. A detailed description of the dataset used for the analysis is reported elsewhere in this issue.<sup>6</sup> The data provided by the Polish cancer registry of Kielce were not included in this analysis due to partial incompleteness of follow-up for vital status. A total of 82 cancer registries from 23 European countries were therefore considered. For 13 countries (Austria, Denmark, Finland, Iceland, Ireland, Malta, Norway, Sweden, England, Scotland, Wales, Northern Ireland and Slovenia), the entire population is covered by cancer registration; the other countries (Belgium, the Czech Republic, France, Germany, Italy, the Netherlands, Poland, Portugal, Spain and Switzerland) are represented by regional CRs covering variable proportions of the population.

Data collection and checking procedures for EUROCARE-4 were similar to those used in the previous EUROCARE projects.<sup>1–5</sup> Procedures for checking data quality and the results of the checks are presented elsewhere in this issue.<sup>6</sup> Briefly, all CRs collected data according to a standardised protocol. Additional checks, and the analyses, were carried out centrally. The checks were performed to detect errors, inconsistencies or unusual combinations of cancer site, morphology, sex and age at diagnosis. Questionable records were sent back to CRs for verification and correction: non-correctable records with major errors were excluded from the survival analyses. Major errors constituted 0.22% of total cases. Cancers diagnosed after a previous malignancy (except non-melanoma skin cancer), cases known by death certificate only (DCO) and those discovered at autopsy were also excluded from the survival analyses. The number of cases lost to followup, number censored after less than 5-years of follow-up and the percentages of microscopically verified cases important indicators of data quality - are presented in the paper by De Angelis et al., this issue.<sup>6</sup>

Cancer site and morphology were coded according to the International Classification of Diseases for Oncology, 3rd edition (ICD-O-3).<sup>7</sup> The morphology code was used as well as the site code to define the tumours to be analysed, as reported elsewhere in this issue.<sup>6</sup>

Some cancer sites (heart and mediastinum, retroperitoneum and peritoneum, adrenal gland and other minor endocrine glands, peripheral nervous system, ill-defined sites and unknown primary site) are missing from the Danish dataset submitted to EUROCARE-4. Many of these sites have poor prognoses, compared to the average for all cancer sites. We therefore removed Denmark from the all cancers combined analyses.

#### 2.2. Statistical methods

Relative survival – ratio of the observed survival to the survival expected in the general population of the same age and sex – was calculated in order to eliminate the effect of competing causes of mortality and facilitate survival comparisons between countries with different background mortalities. Relative survival was estimated by the Hakulinen method<sup>8</sup> using the estimates of population life tables for each CR area. Relative survival at 5-years since diagnosis conditional to surviving 1-year was calculated as the ratio of the cumulative relative survival at 5-years to the relative survival at 1-year.

To account for differences in the age structure of the populations studied, relative survival was adjusted for age using the international standard for cancer survival analysis (ICSS).<sup>9</sup> ICSS employs standard age distributions that differ according to the age pattern of incidence of the cancer: one for cancers mainly of young adults (testicular cancer, non-Hodgkin's lymphoma, acute lymphatic leukaemia), one for cancers whose incidence varies little with age (nasopharynx, bone, soft tissue, skin melanoma, cervix uteri, thyroid and brain cancers) and one for cancers mainly of the elderly (all other cancers).

In order to provide an estimate of mean European survival for EUROCARE cases, the European average survival was estimated, for each cancer site, sex and age class, as the weighted mean of the region-specific survival estimates, applying weightings proportional to the mean population, in 1995-1999, of each European region, including only countries participating in EUROCARE. See De Angelis et al.,<sup>6</sup> this issue, for more details. In four cancer sites (nasopharynx, pleura, testis and penis), the European 5-year age-standardised relative survival could not be computed in the proper way for missing European estimate in one age class. In these cases, the un-weighted age-specific survival in the entire pool of data has been used. For acute lymphatic leukaemia, no European value could be computed for missing estimates in four age classes.

For countries with regional cancer registries, within-country survival variation was analysed for 5 selected cancer sites (stomach, colorectal, lung, female breast and prostate) and the coefficient of survival variation (ratio of standard deviation to mean) for the CRs within each country was calculated.

#### 3. Results

The main results are presented as a series of pages (938–983), one for each cancer site. The top left table on each page shows the number of men, of women and the total diagnosed with the cancer in each country, arranged in 5 European regional groupings: northern Europe (Denmark, Finland, Iceland, Norway and Sweden); the UK (England, Wales, Scotland and Northern Ireland) and Ireland; central Europe (France, Belgium, Austria, Germany, the Netherlands and Switzerland), southern Europe (Italy, Spain, Portugal, Slovenia and Malta) and eastern Europe (Poland and the Czech Republic). The percentage of the national population covered by cancer registration is also shown.

The top right figure shows horizontal bars indicating overall age-standardised 5-year relative survival for each country. Error bars indicate 95% confidence intervals. The countries are again arranged by European region with the bars coloured according to region. The bottom bar shows the mean European age-standardised survival.

The central table in each page shows 1-, 3- and 5-year observed and relative survival, for all cases and for each sex, by age class. The number of cases in each age class and overall is indicated in parentheses under each column heading.

The bottom table shows 1- and 5-year age-standardised relative survival with 95% confidence intervals for each country. The last column of this table shows 5-year relative survival conditional on surviving 1-year after diagnosis. The bottom line shows the mean European age-standardised and area-weighted survival.

#### 3.1. Between-country variation in survival

Although the between-country differences in survival uncovered by the previous EUROCARE studies<sup>1–3</sup> have tended to narrow over time,<sup>4,5,10</sup> conspicuous survival differences between countries were still evident for patients diagnosed in 1995–1999. In general, for solid cancers whose prognosis mainly depends on stage at diagnosis (e.g. breast, colorectum, stomach and skin melanoma), survival was highest in the northern regional grouping (Finland, Sweden, Norway and Iceland), considerably lower in the UK and Denmark, and lowest in the Slovenia, the Czech Republic and Poland – the only eastern European countries included in EURO- CARE-4. The central and southern European countries of Germany, Austria, the Netherlands, Belgium and Spain had intermediate survival, while France, Switzerland and Italy generally had high survival figures, close to that in the northern regional grouping.

The variation in 5-year relative survival is represented by box-and-whisker plots (Fig. 1) for the main cancer sites included in the EUROCARE-4 analyses. Cancer sites are ordered by survival. For each cancer, the upper and lower lines of the box indicate the highest and lowest quartile, respectively, of the country-specific survival; the horizontal line in each box is the median survival and the vertical bars (whiskers) indicate the minimum and maximum country-specific 5-year relative survival.

Bladder cancer, prostate cancer and chronic myeloid leukaemia were characterised by the greatest betweencountry survival differences. For bladder cancer, the survival variation is likely to be due to wide differences in stage at diagnosis and also variation in criteria for defining malignant disease.<sup>11</sup> For prostate cancer, differences in stage at diagnosis can be due to the fact that many cancers (in parts of Europe only) are being diagnosed asymptomatically or



CLL chronic lymphoid leukaemia; NHL non-Hodgkin lymphoma; CML chronic myeloid

leukaemia; ALL acute lymphoid leukaemia; AML acute myeloid leukaemia



Fig. 1 – EUROCARE 4. Between-country variation in age-adjusted country-specific 5-year relative survival for each tumour site. CLL, chronic lymphoid leukaemia; NHL, non-Hodgkin lymphoma; CML, chronic myeloid leukaemia; ALL, acute lymphoid leukaemia; AML, acute myeloid leukaemia.

incidentally.<sup>12,13</sup> Different availabilities of effective treatments may have been a cause of the large variation in survival for chronic myeloid leukaemia.<sup>14</sup>

There was a considerable geographic variation in survival for those cancers (breast, colorectum and kidney) whose prognosis depends largely on stage at diagnosis. Geographic variation was narrowest for poor prognosis cancers such as acute myeloid leukaemia, lung cancer and liver cancer.

#### 3.2. Within-country variation in survival

Coefficients of variation and within-country differences in survival are shown for 5 selected cancer sites (stomach, colon plus rectum, lung, female breast and prostate) in the figures on pages 984–988. On each of these pages, a table shows the site-specific coefficient of variation, and the differences between registries with highest and lowest survival for each country.

Within-country survival variation was low for the UK, whose 12 CRs had very similar survival figures (that did not differ significantly) for most cancer sites. In general, Northern Ireland was at the top of the survival range and Wales at the bottom. Survival differences were also small within the Netherlands. In Poland, survival variation was high for stomach cancer, for colon plus rectum and for prostate cancer. In Switzerland, survival variation was high for lung cancer. For Italy and France, much of the within-country variation in survival for the colon plus rectum and breast sites can be attributed to the presence, over the study period, of screening for these cancers in some areas but not others.<sup>15,16</sup> For Italy, the higher survival in the north compared to the south has been well documented and is due to better treatment facilities in the north.<sup>17</sup> In the French (Hérault, Isère and Loire Atlantique) and Italian (Firenze, Modena, Ferrara) CRs, where mass screening for breast cancer was in place, survival was significantly higher than the country averages. It has been found that the treatment of symptomatic breast cancer also improves in areas where breast cancer screening is introduced.<sup>18</sup> The gap between the north and south of Italy narrowed over the EUROCARE-4 study period as survival improved markedly in the southern CRs of Ragusa (Sicily) and Sassari (Sardinia), although survival remained poor in Salerno (southern mainland). The conspicuously higher cancer survival in the Tyrol compared to the rest of Austria is probably due to good organisation of cancer care in this small region.<sup>19,20</sup>

#### 3.3. Survival by age and sex

Consistent with the previous EUROCARE findings, survival decreased with advancing age at diagnosis,<sup>1–4,21</sup> and was worst for very elderly patients.<sup>22</sup> The most marked decreases in survival with advancing age were for cervix, ovary, brain, Hodgkin disease, multiple myeloma and thyroid, where the absolute survival differences between the youngest and oldest age groups were 40–50% points. Marked differences by age were also found for vagina and vulva, testis, bladder and kidney, as well as for non-Hodgkin lymphoma and chronic myeloid leukaemia, with absolute survival differences between the youngest and oldest of 31–39% points. For breast cancer, survival was relatively constant with age, up to 74 years. For prostate cancer, patients aged 15–54 had lower survival than those aged 55–74 years.

As found in the previous studies,<sup>1–5,23</sup> women had better survival than men for most cancer sites. Exceptions were cancers of the biliary tract and of the urinary bladder. The better prognosis of women than men has been variously attributed to lower prevalence of comorbidity than men, earlier stage at diagnosis and better resistance to disease, and is examined in detail in the article by Micheli et al. in this issue.<sup>24</sup>

#### 3.4. Conditional survival

For all cancers, 5-year survival conditional to surviving 1-year after diagnosis was higher and showed less geographic variation than overall 5-year survival. Geographic variation was lower for conditional survival because a considerable proportion of patients with advanced disease die during the first year, and those who survive have a more uniform stage distribution. In a previous analysis<sup>4</sup> we found that the difference between conditional and unconditional relative survival was more marked for elderly than younger patients, suggesting that the poor prognosis of elderly patients is, at least to some extent, due to more advanced stage at diagnosis. Comorbidities, which are more prevalent in older cancer patients, mainly increase mortality during the year following diagnosis.<sup>25,26</sup>

The greatest differences between mean European conditional and unconditional relative survival were for stomach (absolute difference 28% points), kidney (21% points), non-Hodgkin lymphoma (20% points), ovary (18% points) and colon plus rectum (17% points). Differences were lower for cancers with relatively good prognoses, and for those characterised by good first year survival even if metastatic: breast cancer (3), melanoma (4) and prostate cancer (6).

For countries where survival was generally low, differences between conditional and unconditional relative survival were most marked. Thus, for kidney and non-Hodgkin lymphoma, differences were greatest in the UK, Ireland, Denmark and Poland; for stomach cancer, differences were greatest for Iceland, Ireland, Malta, Poland and Slovenia.

#### 3.5. Survival by organ/system

#### 3.5.1. Digestive tract and associated organs

Survival for digestive tract cancers varied markedly with anatomical site. The mean European age- and area-adjusted 5year relative survival was 54% for colon plus rectum, 42% for small intestine sites and 25% for stomach cancer. Survival was lowest for cancers of the oesophagus (11%), liver (9%), biliary tract (14%) and pancreas (6%).

Five-year age-standardised relative survival for stomach cancer was highest in Italy and Belgium (32%) and Austria (30%). Survival was relatively high also in Portugal, Spain Switzerland and France (26–28%). Five-year relative survival was lowest ( $\leq$ 20%) in the UK, Denmark, the Czech Republic and Poland.

In most countries of the southern European regional grouping, the incidence of stomach cancer is relatively high but declining.<sup>27</sup> Previous studies have found that where incidence is high, cancers more often develop in the distal part of

the stomach – a subsite with better prognosis than proximal localisations.<sup>28</sup> However, in many eastern European countries, incidence is high<sup>24</sup> and survival low.<sup>1–4</sup> This pattern suggests that inadequate treatment and late stage at diagnosis contribute to poor survival in these countries.

In the present study, within-country variation in survival for stomach cancer was highest in France. In Italy, stomach cancer survival was highest in the northern and central areas, where incidence was also high.<sup>17</sup>

Survival for colon plus rectum cancer, with a relatively good prognosis, varied markedly across Europe. Survival was highest ( $\geq$  57%) in the northern European regional grouping, in the Netherlands, France, Switzerland and Italy, probably in relation to appropriate care. Conditional survival for colon plus rectum cancer was 10–20 points higher than relative survival; the absolute difference between the countries with highest and lowest survival was 21 points for relative survival and 13 points for conditional survival.

Within-country variation in colon plus rectum cancer survival was high in Italy, where CRs in central Italy (Firenze, Reggio Emilia, Parma and Modena) had higher survival than southern CRs.

Mean European age-standardised 5-year relative survival was slightly higher for colon cancer (55%) than for rectal cancer (53%); country ranking in survival was similar for the two subsites. Women had slightly better survival than men for both colon and rectal cancers.

Survival for liver cancer was poor. Five-year age-standardised relative survival was below 10% for all countries except Italy, Switzerland, Spain, Portugal and Belgium, where they were approximately 11%. There is a direct relationship between incidence and survival for liver cancer.<sup>29</sup> The higher incidence and survival in southern European countries compared to many northern countries<sup>27</sup> might be related to the high prevalence of cirrhosis and viral hepatitis in these regions, resulting in more intensive surveillance of patients with liver diseases.<sup>30</sup>

Cancers of the biliary tract are more frequent in women than in men.<sup>27</sup> We found that 5-year relative survival was lower in women (12%) than men (16%) as found previously.<sup>1–3</sup> Much of the between-country variation in biliary tract cancer survival can be attributed to random variation due to low numbers of cases. However, differences in the accuracy of diagnosis and criteria for disease definition are also to likely affect survival estimates for this cancer.<sup>29</sup> Survival was conspicuously low for pancreatic cancer. The mean European survival was 6%, ranging from 2% (Iceland) to 8% (Portugal).

#### 3.5.2. Respiratory tract

Over the last 10 years, the lung cancer 'epidemic' has abated somewhat in the western European countries: incidence and mortality are decreasing in men, but still increasing in women,<sup>27</sup> and there is hope that early diagnosis may further contribute to reducing mortality at least in countries where modern CT/PET equipment and personnel to scrutinise the scans are available.<sup>31,32</sup> Nevertheless, lung cancer survival was very low in the EUROCARE-4 study period (1995–1999) and has remained essentially unchanged since the EUROCARE-3 period (1990–1994). Mean European 5-year age- and area-adjusted relative survival was 12%, although across-county differences were greater than expected, with countries of the central Europe showing slightly higher survival than other regions. High withincountry variation in lung cancer survival was also found in Switzerland.

The mean European 5-year conditional survival for lung cancer was 21 points higher than the corresponding 5-year relative survival. In 17 of the 23 countries participating in EUROCARE-4, 5-year conditional survival was 20 or more percentage points higher than unconditional relative survival. Relative survival for lung cancer was significantly higher in women than in men.

Survival for cancer of the pleura, 80% of which were microscopically confirmed mesotheliomas, was low in all EURO-CARE-4 countries. Mean age- and area-adjusted 5-year relative survival in Europe was 7%, ranging from 1% in Slovenia to 10–12% in Austria and Switzerland.

#### 3.5.3. Skin melanoma

Mean age-and area-adjusted European 5-year relative survival for skin melanoma was high at 83%, and 11 of the 23 countries considered had survival of 85% or more. Although a slight survival increase with time occurred over the period 1988–1999, particularly for countries with low survival at the outset,<sup>10</sup> significantly lower survival than the European mean was found, in the present study, in Poland (63%) and Wales (74%). Notwithstanding the low skin melanoma survival for Wales, survival in the UK as a whole was rather high (range 74–92%). It is likely that these UK survival differences are due to differences in surveillance intensity and implementation of early diagnosis initiatives.<sup>33,34</sup> Differences between survival conditional to surviving the first year and unconditional survival were small for skin melanoma, in relation to the low short-term mortality of the disease.

#### 3.5.4. Breast

The mean European age- and area-standardised 5-year relative survival of women diagnosed with breast cancer in 1995–1999 (EUROCARE-4) was 79%, compared to 76% in 1990– 1994 (EUROCARE-3).<sup>10</sup> Between-country survival differences had also narrowed in EUROCARE-4 compared to EUROCARE-3. However, notable between-country survival differences for this major killer disease of women persisted. The countries of northern Europe, and also France, Italy and Switzerland (central Europe) had the highest survival (82% and above). Survival was still slightly lower than the mean (around 77%) in the UK, but the survival increase over time has been remarkable.<sup>10,35</sup> Increased breast cancer survival, accompanied by declining mortality, suggests real improvements in care.<sup>36</sup> In Denmark, survival was similar to that of the UK even though nation-wide screening has not yet been implemented.

Poland, the Czech Republic and Slovenia had low breast cancer survival (around 73% or lower). A previous study revealed that the main determinant of low survival in breast cancer is advanced stage at diagnosis.<sup>37</sup> Access to and availability of adequate treatments also influence survival.<sup>38</sup>

#### 3.5.5. Gynaecological cancers

Survival for cancers of the female reproductive system varied markedly with site. Mean age and area-adjusted 5-year relative survival in Europe were 76% for corpus uteri cancer; 63% for cervix uteri cancer, 59% for vaginal and vulval cancers and 37% for ovarian cancer. These figures are somewhat higher than in the previous EUROCARE periods,<sup>3,10</sup> perhaps because some of these cancers are being diagnosed at an earlier stage.<sup>39</sup> The between-country variation in gynaecological cancer survival, noted by previous EURO-CARE studies, was still present in patients diagnosed in 1995-1999. Variation was most marked for ovarian, vaginal and vulval cancers, and least for corpus uteri cancer. Survival for cervical cancer was significantly higher than the European mean in northern Europe and Switzerland, and significantly lower in Poland, in Portugal and in England and Wales. Survival for corpus uteri cancer was significantly higher than the European mean in Austria and northern Europe, and lower in Portugal (significant) and Spain (borderline significance). For ovarian cancer, survival was significantly higher than the European average in Sweden, Austria, Finland and Switzerland, and significantly lower in Ireland and England. For vaginal and vulval cancers survival was significantly higher in the Netherlands and significantly lower in Poland. Consistent with previous EUROCARE findings, but contrary to results for most solid cancers, Denmark had higher survival than the European mean for cervical and corpus uteri cancers.

Five-year conditional survival in Europe was 12–15 points higher than the corresponding unconditional relative survival for cervical and vaginal/vulva cancers, 9 points higher for corpus uteri cancer and 18 points higher for ovarian cancer. The marked difference between conditional and unconditional relative survival for ovarian cancer reflects the high shortterm mortality for this disease. Most patients with ovarian cancer are diagnosed at an advanced stage<sup>40</sup> and early diagnosis remains an elusive goal.<sup>26</sup>

Geographic differences were lower for conditional survival than for relative survival for all gynaecological cancers.

For ovarian cancer, the absolute differences between the countries with the second highest and the second lowest survival were 13 points for relative survival and 8 points for conditional survival; the corresponding figures were 14 and 9 for cervical cancer; 9 and 8 for uterine cancer; 15 and 7 for vaginal/vulval cancers. These differences indicate high initial mortality suggesting diagnosis at advanced stage or advanced age with significant comorbidity.

#### 3.5.6. Male genital tract cancers

Since the introduction of Prostate-Specific Antigen PSA testing, prostate cancer incidence<sup>12,13,41</sup> and survival<sup>3,42</sup> have increased remarkably in most western countries. Incidence and survival are further increased by incidental diagnosis during examinations for benign prostate disease.<sup>41,43,44</sup> In contrast to survival, mortality for prostate cancer is decreasing only slightly.<sup>12,45,46</sup> The mean European age- and areastandardised 5-year survival for prostate cancer was 65% in EUROCARE-3<sup>3</sup> and 76% in EUROCARE-4, and between-country survival differences narrowed over the two study periods.<sup>4,5,10</sup> It remains unclear what proportion of prostate cancers diagnosed in preclinical phase are destined to become symptomatic.<sup>41</sup> High survival for this cancer may partially reflect inflated incidence, without real benefit to patients.<sup>43</sup> As in the previous EUROCARE studies, between-country differences in prostate cancer survival were marked in the EUROCARE-4 study period. Survival was significantly higher than the European average in Austria, Belgium, Portugal and Switzerland; survival was significantly lower than the mean in the Czech Republic, Denmark, Ireland, Slovenia and the UK. Conditional survival was slightly higher than unconditional survival (82% versus 76%), indicating that only a small proportion of patients die in the year following diagnosis.

Survival for testicular cancer is better than for most other cancers considered by EUROCARE.3-5 Effective treatments for this cancer have been available since the 1970s, and even if the disease is diagnosed at an advanced stage, treatments are effective and survival is good.<sup>47,48</sup> European 5-year age-standardised relative survival for testicular cancer was 90%, with generally small variation between countries. Low survival figures reported for the Czech Republic and Slovenia reflect the low numbers of cases in some age classes, as noted in the footnote of the testicular cancer table. In fact, the overall crude relative survival was 92% (CI 87-98) in the Czech Republic and 95% (CI 93-98) in Slovenia, not different from the crude European average 94%. None of the other countries reported significantly lower survival with respect to the European average. In the previous EUROCARE study, significantly lower survival was observed in Slovenia and Estonia, two European countries not present in this analysis, and was suggested as mainly due to inadequate treatment.49

Cancer of the penis is uncommon in Europe.<sup>27</sup> The variation in survival with age at diagnosis is extremely marked: for patients aged  $\geq$ 75, 5-year relative survival was 35%, compared to 75% in the youngest (15–44) age class. Mean European age-standardised 5-year relative survival was 73%, and in no country did survival differ significantly from the mean.

#### 3.5.7. Urinary tract

Previous EUROCARE studies have documented marked differences in survival for bladder cancer across European populations.<sup>3,4</sup> However, the interpretation of these survival differences is problematic because criteria for establishing the invasiveness of lesions in the urothelium are not well standardised.<sup>11,50</sup> Moreover, the number of invasive bladder cancers registered is influenced by the completeness of registry records documenting progression from precancerous to invasive lesions.<sup>11,51</sup> Nevertheless, a direct relation between incidence and survival for bladder cancer was not found in EUROCARE-3<sup>3</sup> and this would be expected if incidence was inflated by the inclusion of precancerous forms. In EUROCARE-4, mean European age-standardised 5-year relative survival was 72%, slightly higher compared to EUROCARE-3.<sup>3</sup> Finland, Iceland, Norway and Sweden had higher survival than the European average; high survival was found also in Austria, Italy, Malta, Ireland and Wales. Survival was lower than the mean in Denmark, France, Northern Ireland, Poland, Scotland, Slovenia and Switzerland. The low survival in Switzerland and Northern Ireland probably arises for the strict registration rules employed by Swiss registries, which exclude preinvasive forms.6,52

Unlike the case for most cancers, men have better survival than women for bladder cancer (mean European region-

weighted 5-year relative survival 73% in men and 69% in women). Better survival in men may be attributable at least in part to the structure of the male bladder: higher pressure within the male bladder due to the presence of the prostate gland and a stronger detrusor muscle may obstruct metastatic spread and lymphatic flow.<sup>53</sup>

Mean European 5-year age-standardised survival for kidney cancer was 58% in EUROCARE-4, with survival 60% or above in Austria, Germany, Italy, France and Portugal, and survival below 50% in Denmark, Ireland, Norway, England, Scotland and Wales. The between-country variation in survival is influenced by the varying use of diagnostic investigations. The widespread availability of imaging techniques makes it easier than in the past to identify small kidney lesions.<sup>54,55</sup> Furthermore the incidental detection of kidney cancer has increased due to the greater use of abdominal imaging.<sup>55</sup>

#### 3.5.8. Haematological malignancies

The evolving classification and the poor standardisation of data collected on haematological malignancies vitiate the comparisons of disease incidence and survival over time and across regions. Combination of chemotherapy and radio-therapy regimens, developed in the 1970s, <sup>56</sup> have proved to be effective treatments for Hodgkin disease. For chronic myeloid leukaemias, the development of targeted treatments such as imatinib<sup>57</sup> is likely to modify the natural history of these diseases, and improve prognosis in the near future. However, these new treatments are very expensive and for this reason may not be available to all patients, generating new treatment inequalities, which should be monitored by population-based survival studies.

Among haematological malignancies in adults, Hodgkin disease had the best survival: mean European age-standardised 5-year relative survival was 80%. Norway, Finland and Belgium had the highest survival (84%) and Ireland the lowest (73%). European age-standardised 5-year relative survival for non-Hodgkin lymphoma was 52%, varying from 55% or more in Belgium, Germany, Italy, Malta, Slovenia and Switzerland, to 47–50% in Austria, Denmark, Finland, Ireland and the UK registries and 40% in Poland. Multiple myeloma was characterised by poorer survival than lymphomas, with a mean European age-standardised 5-year relative survival of 35%, range 23% (Poland) to 47% (Belgium).

Among the leukaemias, survival was best for chronic lymphatic leukaemia, with mean European age-standardised 5-year relative survival of 69%, range 54% (Austria) to 78% (France). For chronic myeloid leukaemia, European age-standardised 5-year relative survival was 35% (range 22–54%) and for acute lymphatic leukaemia survival was 31% (range 25–44%). Acute myeloid leukaemia had the worst survival at 14%, with the highest survival in Belgium (20%) and the lowest in Slovenia (5%).

Survival for all haematological malignancies is increasing.<sup>10</sup> Over the period 1988–1995, survival for all leukaemias combined was increased from 37% to 42%; survival for Hodgkin disease increased from 77% to 83% and survival for non-Hodgkin lymphoma increased from 49% to 56%. Improvements in treatment are likely to be the main reason for the increase,<sup>56–58</sup> earlier diagnosis than in the past may also have contributed, although this factor is less important than for solid cancers.

#### 3.5.9. All cancers combined

Survival for all cancers combined is an indicator of the total cancer burden in a population, and has been found to be related to national total expenditure on health and health system efficiency.<sup>3,4</sup> Age-adjusted 5-year relative survival for the European pool of all cancers was 50%. Crude (i.e. not age-adjusted) survival was 52%, higher in women (58%) than in men (46%), since the commonest cancer in women is breast cancer, with relatively good prognosis, and the commonest cancer in men is lung cancer, with poor prognosis. Survival for all cancers combined increased from the 47% overall, 40% in men and 54% in women of the EUROCARE-3 (1990–1994) period.

Age-adjusted 5-year relative survival for all cancers combined was highest in northern Europe (reaching a maximum of 58% in Sweden) and lowest in Poland (39%). In the UK countries and Ireland the figures were in the range 43–48%. Intermediate survival (between 51% and 56%) characterised Austria, Belgium, France, Germany, the Netherlands, Switzerland and Italy.

#### 3.5.10. Concluding remarks

Since its inception in 1988 EUROCARE has steadily increased the proportion of the European population monitored for cancer incidence and survival. In the present EUROCARE round, 36% of the population of participating countries and 31% of the population of the European Union were covered. It should be noted, however, that less eastern European countries were represented in EUROCARE-4 than in the previous EUROCARE projects. In Estonia and Slovakia, a reorganisation of the cancer registries coincided with the years of case recruitment for EUROCARE-4, and impeded their ability to meet deadlines for data submission. Furthermore, legislative constraints limited the possibility to follow-up adequately the patients. We expect that the participation of eastern European countries will increase for the next EUROCARE rounds.

EUROCARE continues to provide important indications as to the relative efficiency of national health systems in caring for their cancer patients: there is no surprise that all cancer survival and survival for the major cancers are directly related to national wealth.<sup>4</sup> The present EUROCARE round has again highlighted marked differences in cancer survival across Europe, and has also revealed important differences between regions within individual countries. However, these survival differences have narrowed considerably since EURO-CARE began, suggesting that inequalities in cancer care across Europe are also narrowing. The persistently lower survival in older compared to younger patients - also highlighted in the previous EUROCARE studies - indicates the need to improve diagnoses, therapies, rehabilitation and social support for the elderly. Results of survival analyses conditional to having survived 1-year after diagnosis show that the survival differences are greatly influenced by mortality in the first year, which in turn depends largely on tumour stage at presentation and presence of comorbidities, and these factors are again partly dependent on the quality of health care.

Cancers are being characterised in greater molecular detail, and apparently small biological differences have been shown to influence prognosis. At the same time, new drugs have been developed that target specific molecular mechanisms and pathways in cancer cells. These developments may be expected to improve prognoses for cancer patients in the near future. Cancer registry-based survival data will constitute an effective means of monitoring the impact of these new treatments at the population level, and of determining their real effect on survival. The poor survival for lung

#### EUROPE, adults diagnosed 1995-99 Lip COUNTRY Coverage Number of cases Age-standardized five-year relative survival (%) 100 Women Persons 20 40 60 Men 100 Denmark 367 103 470 Denmark 100 388 149 537 Finland Finland 100 2 Iceland 8 10 Iceland Norway 100 251 77 328 Norway 223 754 Sweden 100 531 Sweden 175 194 Ireland 100 19 Ireland 1.032 **UK England** 100 704 328 UKEngland **UK Northern Ireland** 100 91 21 112 UK Northern Ireland **UK** Scotland 100 207 83 290 UK Scotland **UK Wales** 100 90 50 140 **UK**Wales 205 88 293 Austria 100 Austria Belgium 58 129 55 184 Belgium France 11 162 34 196 France 40 12 52 Germany Germany 1 34 98 340 438 Netherlands Netherlands Switzerland 27 46 19 65 Switzerland Italy 25 847 222 1.069 Italy 100 41 2 43 Malta Malta 173 37 210 Portugal Portugal 43 Slovenia 100 94 24 118 Slovenia 830 97 927 Spain 14 Spain Czech Republic 46 Czech Republic 8 14 60 Poland Poland 6 75 28 103 TOTAL 5.840 1.785 7.625 EUROPE Europe, area-weighted observed and relative survival (%), by age at diagnosis (years) 45-54 15-44 55-64 65-74 75-99 All adults obs re obs rel obs rel obs re obs rel obs rel (7,625) (278) (651) (1,456) (2,409)(2,831) 95.4 95.6 99.0 99.5 97.2 98.4 95.9 98.9 86.4 96.0 93.0 97.8 Persons One year Three years 91.1 91.7 95.6 97.1 91.4 95.2 85.1 94.0 65.9 91.9 80.6 93.9 90.7 91.7 92.5 95.1 87.5 94.1 77.8 92.9 49.9 90.4 71.4 92.7 Five years 97.2 96.0 One year 95.0 95.2 99.0 99.5 98.5 99.3 85.6 95.7 93.3 98.0 Men 94.7 96.3 84.7 65.5 90.4 91.0 91.2 95.3 94.3 93.3 81.2 94.4 Three years **Five years** 90.0 91.0 91.7 94.6 86.8 93.9 77.5 94.1 48.2 90.6 72.1 93.2 98.8 91.9 Women One year 97.8 97.8 99.0 97.4 98.0 95.4 97.1 87.8 96.3 96.9 Three years 95.5 95.8 98.3 99 2 93.6 95.5 87.0 92.3 67 2 90 1 78.5 923 90.8 **Five years** 94.5 96.2 92.7 96.3 78.8 87.6 53.9 69.3 91.5 Age-standardized 1-yr and 5-yr relative survival (95% confidence intervals) and at 5 yrs conditional on surviving 1 year COUNTRY Conditional One year **Five years** 99.9 ( 98.1 - 101.9) 91.8 ( 86.6 - 97.4) 91.9 ( 86.9 - 97.1) Denmark 98.6 ( 96.5 - 100.7) 92.6 ( 87.8 - 97.6) Finland 93.9 ( 89.5 - 98.6) Iceland 97.2 ( 91.8 - 102.9) Norway 99.9 ( 97.7 - 102.1) 97.1 ( 91.4 - 103.3) Sweden 98.6 ( 97.1 - 100.1) 94.2 ( 90.6 - 97.9) 95.5 ( 92.2 - 99.0) Ireland 93.6 ( 89.1 - 98.3) 90.0 ( 81.3 - 99.7) 96.2 ( 88.0 - 105.1) **UK England** 99.1 ( 97.8 - 100.4) 93.5 ( 90.0 - 97.1) 94.4 ( 91.1 - 97.8) **UK Northern Ireland** 100.5 ( 96.8 - 104.4) 89.9 ( 79.2 - 102.1) 89.4 ( 79.2 - 101.0) 99.0 ( 96.3 - 101.8) 99.7 ( 931-1066) 100.6 ( 94.6 - 107.1) **UK Scotland UK Wales** 100.6 ( 97.5 - 103.9) 97.4 ( 89.2 - 106.5) 96.8 ( 89.1 - 105.2) Austria 99.7 ( 97.3 - 102.0) 98.2 ( 91.9 - 104.9) 98.5 ( 92.6 - 104.8) 94.1 ( 90.0 - 98.4) 87.8 ( 79.9 - 96.5) 93.3 ( 85.9 - 101.4) Belgium France 98.9 ( 96.2 - 101.7) 95.0 ( 87.8 - 102.7) 96.0 ( 89.3 - 103.3) 101.9 ( 98.4 - 105.6) 105.1 ( 91.4 - 120.8) 103.1 ( 90.1 - 118.0) Germany Netherlands 101.0 ( 99.3 - 102.8) 95.0 ( 89.6 - 100.7) 94.0 ( 89.0 - 99.4) 83.6 ( 75.1 - 93.1) Switzerland 96.4 ( 90.6 - 102.5) 86.8 ( 79.4 - 94.8) Italy 98.5 ( 97.2 - 99.8) 90.6 (87.5 - 93.9) 92.1 ( 89.1 - 95.1) Malta 95.9 ( 86.6 - 106.2) 106.4 ( 88.9 - 127.3) 111.0 ( 95.8 - 128.6) 95.1 ( 91.3 - 99.0) 95.2 ( 87.7 - 103.4) Portugal 90.6 ( 82.6 - 99.2) 967 ( 860 - 108 6) 99.0 ( 89.0 - 110.2) Slovenia 97.6 ( 93.1 - 102.3) Spain 100.0 ( 98.6 - 101.3) 98.0 ( 94.5 - 101.6) 98.0 ( 94.8 - 101.4) **Czech Republic** 98.0 ( 92.5 - 103.8) 86.2 ( 78.8 - 94.2) 81.1 ( 69.5 - 94.6) 94.1 ( 83.1 - 106.6) Poland EUROPE 97.8 ( 96.9 - 98.7) 92.6 ( 90.7 - 94.6) 94.7 ( 92.9 - 96.5)

### Tongue and lingual tonsil

COUNTRY	Coverage	Number of cases		Age-s	standardized	five-year re	elative s	urvival	(%)	
	%	Men	Women	Persons	11.5450 10.00	0 20	40	60	)	80
Denmark	100	311	144	455	Denmark	-		1		
Finland	100	209	165	374	Finland				n	1
Iceland	100	8	7	15	Iceland			_ (		1
Norway	100	197	112	309	Norway		-	i		- 1 -
Sweden	100	321	202	523	Sweden	. a	1			1
Ireland	100	189	70	259	Ireland			7 1		1
UK England	100	2,258	1,440	3,698	UKEngland			H		1
UK Northern Ireland	100	90	45	135	UK Northern Ireland			<b>-</b> 1		1
UK Scotland	100	368	215	583	UKScotland		1	- 1		1
UK Wales	100	192	92	284	UKWales		) <u> </u>	- 1		
Austria	100	556	179	735	Austria		I III	l		1
Belgium	58	284	104	388	Belgium		1	- 1		
France	11	538	118	656	France		++-++	1		1
Germany	1	121	45	166	Germany	14	-			1
Netherlands	34	233	155	388	Netherlands			F		
Switzerland	27	149	54	203	Switzerland		i i i			1
Italy	25	1,173	472	1,645	Italy		÷	H I		
Malta	100	17	8	25	Malta		E F			+
Portugal	43	205	44	249	Portugal		H			
Slovenia	100	166	34	200	Slovenia		-			
Spain	14	582	172	754	Spain		H-	- 1		1
Czech Republic	8	64	15	79	Czech Republic			1		3
Poland	6	129	53	182	Poland			į		i
TOTAL		8,360	3,945	12,305	EUROPE		i i i i i i i i i i i i i i i i i i i	8		1

Europe, area-weighted observed and relative survival (%), by age at diagnosis (years)

		15-44		45-54		55-	55-64		65-74		75-99		ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(1,21	(1,215)		(2,612)		(3,265)		(2,977)		(2,236)		05)
Persons	One year	83.5	83.7	75.9	76.2	72.9	73.8	69.0	70.9	59.4	65.0	71.8	73.5
	Three years	61.1	61.5	51.3	52.1	49.3	51.0	45.4	49.6	34.4	45.6	47.6	51.3
	Five years	55.2	55.7	44.4	45.6	41.2	43.9	37.1	43.4	23.9	39.6	39.7	45.1
Men	One year	81.8	82.0	74.0	74.4	71.7	72.6	66.7	68.8	55.1	60.8	70.4	72.0
	Three years	58.3	58.7	48.4	49.3	47.3	49.2	41.0	45.5	29.3	39.8	45.2	48.6
	Five years	51.2	51.9	41.4	42.7	38.4	41.2	32.1	38.5	18.0	31.3	36.8	41.6
Women	One year	88.3	88.4	83.0	83.2	77.8	78.3	74.9	76.1	64.0	69.4	75.5	77.5
	Three years	68.4	68.7	62.0	62.5	57.0	58.1	56.4	59.5	39.7	51.3	54.1	58.8
	Five years	65.8	66.2	55.1	56.0	52.3	54.1	49.7	54.8	30.1	47.6	47.2	54.4

COUNTRY	One year	Five years	Conditional
Denmark	66.1 ( 61.0 - 71.5)	37.0 ( 31.6 - 43.4)	56.0 ( 48.8 - 64.4
Finland	76.9 (71.8 - 82.4)	53.0 ( 46.1 - 60.9)	68.9 ( 61.0 - 77.7
Iceland		-	·
Norway	70.1 ( 64.6 - 76.0)	45.0 ( 38.7 - 52.4)	64.3 ( 56.6 - 73.0
Sweden	73.3 ( 69.2 - 77.6)	<b>50.2 (</b> 45.2 - 55.8)	68.6 ( 62.7 - 74.9)
Ireland	62.4 ( 56.1 - 69.3)	40.2 ( 32.9 - 49.0)	64.4 ( 54.4 - 76.2)
UK England	72.7 (71.1 - 74.4)	50.5 ( 48.3 - 52.7)	69.4 ( 66.9 - 72.0)
UK Northern Ireland	67.6 ( 59.3 - 77.0)	38.3 ( 29.5 - 49.8)	56.7 ( 45.2 - 71.2)
UK Scotland	70.7 ( 66.6 - 75.1)	44.2 ( 39.0 - 50.2)	62.5 ( 56.0 - 69.8)
UK Wales	71.5 ( 65.7 - 77.8)	43.4 ( 36.6 - 51.4)	60.7 ( 52.4 - 70.3
Austria	67.8 ( 63.6 - 72.4)	38.4 ( 33.3 - 44.2)	56.6 ( 49.9 - 64.2)
Belgium	74.6 ( 69.2 - 80.3)	<b>42.9 (</b> 36.5 - 50.4)	57.5 ( 49.8 - 66.3)
France	75.4 (71.1 - 79.9)	37.6 ( 31.8 - 44.5)	49.9 ( 42.6 - 58.4)
Germany	81.1 ( 72.1 - 91.2)	<b>52.9 (</b> 40.7 - 68.7)	65.2 ( 51.6 - 82.4)
Netherlands	74.9 ( 69.8 - 80.5)	61.2 ( 53.9 - 69.6)	81.7 ( 73.5 - 90.9)
Switzerland	80.9 (74.3 - 88.0)	47.9 ( 38.8 - 59.2)	59.3 ( 48.8 - 72.0)
Italy	76.4 ( 74.1 - 78.8)	47.1 ( 44.0 - 50.3)	61.6 ( 58.1 - 65.3)
Malta	66.9 ( 47.4 - 94.3)	<b>59.5 (</b> 36.5 - 97.0)	89.0 ( 62.8 - 126.0)
Portugal	64.6 ( 57.7 - 72.3)	43.7 ( 34.7 - 54.9)	67.6 ( 55.4 - 82.5)
Slovenia	72.9 ( 63.9 - 83.2)	<b>49.1 (</b> 36.3 - 66.4)	67.3 ( 51.3 - 88.4)
Spain	72.2 ( 68.3 - 76.3)	43.7 ( 38.9 - 48.9)	60.5 ( 54.7 - 66.9)
Czech Republic	55.0 ( 40.4 - 74.8)		•
Poland	60.1 ( 50.9 - 71.0)	<b>28.3 (</b> 19.8 - 40.5)	47.2 ( 34.4 - 64.7
EUROPE	71.4 ( 69.9 - 72.9)	43.6 ( 41.8 - 45.4)	61.0 ( 58.9 - 63.2

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### Salivary Glands



		15-44		45-54		55-64		65-74		75-99		All adults	
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(84	(847)		(773)		(1,003)		(1,408)		(1,596)		27)
Persons	One year	96.3	96.4	89.7	90.1	85.0	85.9	79.1	81.2	62.4	69.2	79.8	82.7
	Three years	89.6	90.0	76.2	77.2	70.5	72.8	57.9	63.2	35.1	48.5	61.6	68.7
	Five years	85.8	86.4	70.8	72.4	64.2	68.0	48.2	56.3	24.0	42.3	53.7	64.5
Men	One year	93.2	93.4	86.9	87.3	79.7	80.7	74.0	76.5	60.2	67.4	76.0	79.1
	Three years	85.1	85.5	69.7	70.9	63.7	66.3	49.3	54.9	29.4	42.0	55.1	62.1
	Five years	81.5	82.3	62.1	63.9	55.3	59.4	37.7	45.6	18.6	34.8	46.0	56.2
Women	One year	99.6	99.7	93.9	94.1	92.5	93.1	87.4	88.9	65.0	71.4	84.6	87.4
	Three years	94.2	94.5	85.0	85.7	80.3	81.9	71.9	76.1	41.2	55.1	69.9	77.0
	Five years	90.0	90.4	82.7	84.0	76.8	79.6	66.0	73.2	29.9	49.8	63.6	74.8

COUNTRY	One year	Five years	Conditional
Denmark	81.1 ( 75.6 - 87.0)	61.8 ( 54.0 - 70.8)	76.2 ( 67.9 - 85.6)
Finland	85.7 ( 80.0 - 91.9)	58.3 ( 49.8 - 68.4)	68.0 ( 59.0 - 78.5)
Iceland *	92.3 ( 77.5 - 110.0)	19.0 ( 10.1 - 35.6)	20.6 ( 11.2 - 37.7)
Norway	84.5 ( 78.3 - 91.3)	<b>59.0 (</b> 50.0 - 69.6)	69.8 ( 60.3 - 80.8)
Sweden	87.8 ( 84.0 - 91.8)	70.3 ( 64.1 - 77.1)	80.1 (73.8 - 86.9)
Ireland	73.6 ( 66.1 - 82.0)	61.7 ( 51.7 - 73.7)	83.8 (72.8 - 96.6)
UK England	81.3 ( 79.3 - 83.4)	<b>59.4 (</b> 56.5 - 62.5)	73.1 ( 69.9 - 76.4)
UK Northern Ireland	71.0 ( 59.9 - 84.1)	49.2 ( 35.8 - 67.5)	69.3 ( 52.9 - 90.6)
UK Scotland	77.6 (71.8 - 83.8)	<b>58.5 (</b> 50.3 - 68.0)	75.4 ( 66.2 - 85.9)
UK Wales	82.9 ( 76.1 - 90.2)	66.8 ( 56.9 - 78.5)	80.6 ( 70.4 - 92.4)
Austria	83.6 ( 79.1 - 88.4)	63.2 ( 56.5 - 70.8)	75.6 ( 68.6 - 83.4)
Belgium	81.0 (74.2 - 88.4)	<b>58.3 (</b> 48.9 - 69.5)	72.0 ( 61.8 - 83.8)
France	82.8 ( 76.6 - 89.6)	<b>59.7 (</b> 50.8 - 70.2)	72.1 ( 62.6 - 83.0)
Germany	78.2 ( 67.0 - 91.2)	52.8 ( 40.7 - 68.5)	67.5 ( 54.7 - 83.4)
Netherlands	89.4 (83.9 - 95.4)	66.5 ( 57.4 - 77.1)	74.3 ( 65.1 - 84.9)
Switzerland	87.2 (77.5 - 98.2)	<b>59.4 (</b> 47.9 - 73.7)	68.1 ( 56.9 - 81.6)
Italy	80.6 (77.6 - 83.8)	58.8 ( 54.6 - 63.4)	73.0 ( 68.4 - 77.9)
Malta	77.8 ( 62.0 - 97.6)	36.3 ( 22.3 - 59.1)	46.7 ( 30.3 - 71.9)
Portugal	79.2 ( 68.8 - 91.1)	58.7 ( 44.4 - 77.5)	74.1 ( 58.2 - 94.3)
Slovenia	83.7 ( 73.1 - 95.9)	55.0 ( 39.9 - 75.7)	65.6 ( 49.1 - 87.7)
Spain	84.0 (78.1 - 90.4)	68.5 ( 59.8 - 78.5)	81.5 ( 72.7 - 91.4)
Czech Republic	78.0 ( 64.4 - 94.4)	-	
Poland	63.0 ( 53.5 - 74.3)	42.0 ( 31.7 - 55.5)	66.6 ( 53.0 - 83.5)
EUROPE	80.9 ( 79.2 - 82.6)	59.0 ( 56.7 - 61.4)	72.9 ( 70.4 - 75.4)

\* age-standardized survival implausibly low due to unstable estimates in one ore more age classes

#### COUNTRY Coverage Number of cases Age-standardized five-year relative survival (%) % Men Women Persons Denmark Denmark Finland Iceland Norway Sweden Ireland UK England 2,587 1,781 4,368 **UK Northern Ireland UK Scotland UK Wales** Austria Belgium France Germany Netherlands Switzerland 1,431 2,075 Italy Malta Portugal Slovenia Spain Czech Republic Poland TOTAL 10,265 5,313 15,578 EUROPE

Finland	
lceland	
Norway	H
Sweden	
Ireland	<u>⊢</u>
UKEngland	
UK Northern Ireland	
UK Scotland	
UKWales	
Austria	F
Belgium	
France	
Germany	
Netherlands	
Switzerland	
Italy	
Malta	
Portugal	
Slovenia	
Spain	
Czech Republic	
Poland	
ELIDODE	

Europe, area-weighted observed and relative survival (%), by age at diagnosis (years)

		15-	15-44		45-54		55-64		65-74		75-99		ults	
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	
		(1,24	(1,248)		(3,244)		(4,060)		(3,812)		(3,214)		(15,578)	
Persons	One year	86.9	87.0	81.6	81.9	78.1	79.0	72.1	74.1	58.0	63.5	74.9	76.8	
	Three years	70.1	70.6	58.5	59.4	54.9	57.0	49.7	54.2	35.6	47.4	52.6	56.9	
	Five years	64.5	65.2	49.7	51.1	44.7	47.7	37.9	44.3	24.2	40.3	42.6	48.8	
Men	One year	85.1	85.3	79.6	80.0	77.4	78.4	70.0	72.2	59.5	65.3	74.8	76.5	
	Three years	67.0	67.5	55.0	56.0	53.2	55.4	46.1	51.0	36.8	49.4	51.2	55.0	
	Five years	60.9	61.7	46.1	47.6	41.7	44.8	34.8	41.6	25.6	43.3	41.1	46.5	
Women	One year	91.7	91.8	88.5	88.8	80.8	81.3	77.1	78.4	57.5	62.6	75.2	77.6	
	Three years	78.2	78.5	70.8	71.4	60.9	62.1	58.3	61.6	35.7	46.9	55.8	61.4	
	Five years	74.2	74.6	62.7	63.7	55.3	57.3	45.2	49.9	23.9	39.1	46.2	54.5	

Age-standardized 1-yr and 5-yr	relative survival (95% confide	ence intervals) and at 5 yrs co	onditional on surviving 1 year
COUNTRY	One year	Five years	Conditional
Denmark	73.6 ( 70.3 - 77.1)	45.9 ( 41.6 - 50.7)	62.3 ( 57.1 - 68.1)
Finland	78.9 (74.4 - 83.8)	58.1 ( 51.9 - 65.0)	73.6 ( 66.9 - 81.0)
Iceland	83.8 (74.5 - 94.2)	57.5 ( 38.0 - 87.0)	68.6 ( 46.1 - 102.1)
Norway	78.8 (74.6 - 83.2)	55.4 ( 49.5 - 61.9)	70.3 ( 63.8 - 77.4)
Sweden	79.3 ( 76.2 - 82.4)	57.2 ( 53.0 - 61.8)	72.2 ( 67.6 - 77.1)
Ireland	72.3 ( 67.1 - 78.0)	46.8 ( 40.2 - 54.5)	64.7 ( 56.7 - 73.8)
UK England	75.6 (74.2 - 77.0)	53.6 ( 51.7 - 55.6)	71.0 ( 68.7 - 73.2)
UK Northern Ireland	72.1 ( 64.8 - 80.1)	50.1 ( 40.7 - 61.6)	69.5 ( 58.2 - 83.1)
UK Scotland	75.5 ( 72.2 - 78.9)	52.2 ( 47.6 - 57.3)	69.1 ( 63.7 - 75.0)
UK Wales	75.7 ( 70.2 - 81.6)	51.1 ( 44.0 - 59.5)	67.6 ( 59.3 - 77.0)
Austria	<b>69.0</b> ( 65.0 - 73.3)	40.3 ( 35.6 - 45.7)	58.4 ( 52.3 - 65.3)
Belgium	70.6 ( 66.2 - 75.2)	41.5 ( 36.5 - 47.2)	58.8 ( 52.5 - 65.7)
France	73.6 ( 69.7 - 77.8)	40.1 ( 35.5 - 45.3)	54.4 ( 48.8 - 60.6)
Germany	78.1 (71.2 - 85.6)	60.7 ( 50.7 - 72.6)	77.7 ( 66.6 - 90.7)
Netherlands	79.7 ( 75.9 - 83.6)	57.3 ( 52.0 - 63.2)	71.9 ( 66.0 - 78.3)
Switzerland	76.8 ( 70.0 - 84.2)	43.7 ( 35.5 - 53.7)	56.9 ( 47.2 - 68.5)
Italy	76.7 (74.6 - 78.7)	47.0 ( 44.3 - 49.9)	61.3 ( 58.2 - 64.7)
Malta	80.4 ( 66.3 - 97.6)	STATE OF A STREET STREET	
Portugal	70.0 ( 62.8 - 78.0)	42.5 ( 33.7 - 53.7)	60.8 ( 49.5 - 74.7)
Slovenia	73.4 ( 66.0 - 81.6)	41.4 ( 33.7 - 50.9)	56.5 ( 47.3 - 67.4)
Spain	74.7 (71.0 - 78.5)	50.6 ( 45.9 - 55.8)	67.7 ( 62.3 - 73.6)
Czech Republic	67.1 ( 54.6 - 82.4)	28.8 ( 17.0 - 48.7)	42.9 ( 26.4 - 69.6)
Poland	69.2 ( 60.9 - 78.7)	36.7 ( 27.4 - 49.1)	53.0 ( 40.8 - 68.9)
EUROPE	74.0 ( 72.7 - 75.3)	46.2 ( 44.6 - 47.8)	62.4 ( 60.6 - 64.3)

**Oral Cavity** 

#### **Oropharynx and tonsil**



		15-44		45-54		55-	64	65-74		75-99		All adults	
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(82	(823)		(2,801)		(2,834)		(2,146)		(989)		93)
Persons	One year	73.6	73.8	75.4	75.8	70.7	71.6	66.7	68.6	50.0	54.5	69.6	70.9
	Three years	50.8	51.2	49.4	50.2	46.2	48.0	42.0	46.0	27.7	36.6	44.9	47.7
	Five years	43.8	44.3	40.0	41.1	37.9	40.6	31.5	37.1	18.6	30.7	35.8	39.8
Men	One year	71.6	71.8	74.5	74.9	69.3	70.2	64.6	66.7	47.4	52.0	68.3	69.7
	Three years	46.7	47.1	47.2	48.1	43.6	45.5	39.1	43.3	23.8	32.0	42.4	45.2
	Five years	39.6	40.2	38.7	39.9	35.2	37.9	29.1	34.8	15.5	26.3	33.8	37.6
Women	One year	81.1	81.2	80.9	81.1	78.0	78.5	75.3	76.6	56.1	60.5	75.2	76.5
	Three years	65.5	65.8	60.1	60.6	59.9	61.0	54.9	58.0	37.0	47.2	56.0	59.0
	Five years	58.4	58.8	47.1	47.8	52.9	54.8	41.4	45.8	25.7	39.8	45.3	49.6

Age-standardized 1-yr and 5-yr	relative survival (95% confide	ence intervals) and at 5 yrs co	onditional on surviving 1 year
COUNTRY	One year	Five years	Conditional
Denmark	68.9 ( 63.8 - 74.3)	44.1 ( 37.7 - 51.7)	64.1 ( 55.8 - 73.6)
Finland	68.2 ( 55.8 - 83.3)	41.6 ( 29.0 - 59.7)	61.1 ( 45.2 - 82.4)
Iceland	1	-	
Norway	68.0 ( 61.1 - 75.7)	40.3 ( 32.8 - 49.3)	59.2 ( 49.8 - 70.4)
Sweden	75.5 ( 70.7 - 80.6)	45.3 ( 40.2 - 51.1)	<b>60.0 (</b> 54.3 - 66.4)
Ireland	58.9 ( 48.4 - 71.6)	36.3 ( 24.6 - 53.8)	61.7 ( 43.9 - 86.7)
UK England	66.6 ( 64.1 - 69.2)	41.8 ( 38.8 - 45.0)	62.8 ( 58.9 - 66.8)
UK Northern Ireland	54.0 ( 42.6 - 68.4)	<b>15.5 (</b> 8.2 - 29.3)	<b>28.7 (</b> 15.8 - 51.9)
UK Scotland	65.9 ( 59.9 - 72.5)	40.3 ( 33.4 - 48.6)	61.2 ( 52.1 - 71.9)
UK Wales	61.2 ( 52.4 - 71.6)	38.7 ( 28.5 - 52.5)	63.1 ( 48.5 - 82.1)
Austria	70.0 ( 65.5 - 74.9)	40.7 ( 34.9 - 47.4)	<b>58.1 (</b> 50.6 - 66.6)
Belgium	67.8 ( 61.4 - 74.8)	34.7 ( 27.6 - 43.6)	<b>51.1 (</b> 41.6 - 62.9)
France	67.3 ( 62.9 - 71.9)	36.1 ( 31.2 - 41.8)	53.7 ( 47.1 - 61.2)
Germany	<b>68.2 (</b> 57.8 - 80.4)	47.4 ( 33.2 - 67.7)	69.6 ( 50.7 - 95.5)
Netherlands	75.8 ( 69.5 - 82.6)	44.7 ( 36.7 - 54.5)	<b>59.0 (</b> 49.4 - 70.5)
Switzerland	69.9 ( 61.3 - 79.7)	35.8 ( 28.7 - 44.7)	<b>51.2 (</b> 42.8 - 61.2)
Italy	68.9 ( 65.6 - 72.2)	37.8 ( 34.2 - 41.8)	54.9 ( 50.3 - 59.9)
Malta	·	-	-
Portugal	<b>55.6 (</b> 45.1 - 68.6)	<b>19.7 (</b> 11.7 - 33.2)	<b>35.4 (</b> 21.9 - 57.1)
Slovenia	<b>54.1 (</b> 45.9 - 63.8)	-	50 E.
Spain	62.9 ( 56.6 - 70.0)	33.1 ( 26.0 - 42.0)	<b>52.5 (</b> 42.4 - 65.2)
Czech Republic	83.3 ( 76.2 - 91.0)	29.8 ( 21.1 - 42.1)	<b>35.8 (</b> 25.6 - 50.0)
Poland	55.8 ( 47.7 - 65.2)	<b>31.8 (</b> 23.5 - 43.0)	<b>56.9 (</b> 43.9 - 73.8)
EUROPE	<b>66.4 (</b> 64.8 - 68.1)	37.0 ( 35.2 - 39.0)	<b>55.7 (</b> 53.3 - 58.3)

## Nasopharynx

COUNTRY	Coverage	1	Number of	cases	Age-s	standardized five-year relative survival (%)						
	%	Men	Women	Persons		0	20	40	60	80	100	
Denmark	100	59	34	93	Denmark	1	-	-	щ		1	
Finland	100	49	28	77	Finland		;	1				
Iceland	100	1	3	4	Iceland	1						
Norway	100	53	9	62	Norway		1	E.		i		
Sweden	100	114	48	162	Sweden		1	Li.	-	- 1		
Ireland	100	53	9	62	Ireland	-	÷					
UK England	100	566	255	821	UKEngland			E H				
<b>UK Northern Ireland</b>	100	23	15	38	UK Northern Ireland			F	L i	1		
UK Scotland	100	66	35	101	UKScotland	-		i				
UK Wales	100	47	18	65	UKWales			1				
Austria	100	111	51	162	Austria			H				
Belgium	58	36	14	50	Belgium		1	÷.		- 1		
France	11	57	22	79	France	-		F	T_i			
Germany	1	22	7	29	Germany				<u> </u>			
Netherlands	34	67	21	88	Netherlands			+				
Switzerland	27	22	7	29	Switzerland		ŀ	_	E h			
Italy	25	379	140	519	Italy							
Malta	100	31	12	43	Malta	-	+		<b>1</b> {			
Portugal	43	54	30	84	Portugal					1		
Slovenia	100	33	12	45	Slovenia	-			i.	i		
Spain	12	180	50	230	Spain			-	+			
Czech Republic	8	19	6	25	Czech Republic		1					
Poland	6	41	21	62	Poland	1						
TOTAL		2,083	847	2,930	EUROPE			<u> </u>				

		15-4	15-44		45-54		55-64		65-74		75-99		ults
		obs	rel	obs	rel								
		(61	(614)		(631)		(683)		(614)		(388)		30)
Persons	One year	91.7	91.9	83.3	83.7	73.5	74.3	65.1	67.0	52.2	56.6	74.8	76.3
	Three years	80.1	80.5	61.2	62.1	53.4	55.3	42.7	46.6	26.0	33.6	54.7	58.1
	Five years	71.7	72.3	54.1	55.5	42.2	44.9	30.9	36.2			44.8	49.7
Men	One year	89.6	89.8	82.0	82.5	71.5	72.4	63.7	65.8	55.4	60.6	74.2	75.8
	Three years	76.4	76.9	60.6	61.5	52.1	54.2	40.5	44.9	28.7	38.0	53.9	57.4
	Five years	66.7	67.5	54.4	55.9	39.8	42.7	31.2	37.6			44.5	49.6
Women	One year	96.6	96.7	85.1	85.4	77.2	77.7	69.8	71.0			76.2	77.6
	Three years	88.8	89.0	60.4	60.9	56.8	57.9	48.7	51.5			56.4	59.6
	Five years	82.9	83.3	49.3	50.1	50.5	52.4	31.6	34.9			45.7	50.3

Age-standardized 1-yr and 5-yr	relative survival (95% confide	ence intervals) and at 5 yrs co	onditional on surviving 1 year
COUNTRY	One year	Five years	Conditional
Denmark	78.5 ( 70.7 - 87.1)	48.1 ( 38.2 - 60.7)	61.3 ( 49.9 - 75.4)
Finland	76.2 ( 67.2 - 86.4)	-	
Iceland		700	-
Norway	83.2 ( 74.3 - 93.1)	62.6 ( 50.1 - 78.1)	75.2 ( 62.2 - 91.0)
Sweden	92.5 ( 88.8 - 96.4)	60.8 ( 52.9 - 70.0)	65.8 ( 57.6 - 75.1)
Ireland	73.5 ( 62.7 - 86.1)	40.5 ( 30.3 - 54.2)	55.1 ( 43.2 - 70.4)
UK England	71.9 ( 69.0 - 74.9)	44.4 ( 40.9 - 48.2)	61.7 ( 57.5 - 66.3)
UK Northern Ireland	65.5 ( 53.7 - 79.9)	47.9 ( 36.0 - 63.7)	73.1 ( 59.5 - 89.7)
UK Scotland	70.0 ( 62.2 - 78.8)	49.5 ( 39.7 - 61.7)	70.7 ( 58.7 - 85.1)
UK Wales	72.5 ( 63.9 - 82.3)	45.1 ( 35.2 - 57.9)	62.2 ( 50.3 - 77.1)
Austria	76.7 ( 70.9 - 83.0)	55.2 ( 47.6 - 64.0)	71.9 ( 63.4 - 81.5)
Belgium	88.0 ( 79.1 - 98.0)	52.4 ( 39.1 - 70.1)	<b>59.5 (</b> 45.4 - 78.1)
France	78.5 ( 69.5 - 88.7)	46.5 ( 36.1 - 59.8)	59.2 ( 47.4 - 73.8)
Germany	73.8 ( 61.7 - 88.3)	62.2 ( 46.5 - 83.3)	84.3 ( 67.0 - 106.1)
Netherlands	71.9 (61.5 - 84.1)	56.2 ( 42.5 - 74.3)	78.1 ( 62.0 - 98.5)
Switzerland	94.7 ( 85.6 - 104.7)	43.7 ( 31.1 - 61.4)	<b>46.2 (</b> 33.4 - 63.9)
Italy	82.2 ( 78.9 - 85.7)	50.2 ( 45.9 - 54.9)	61.0 ( 56.4 - 66.1)
Malta	82.9 ( 70.7 - 97.2)	42.8 ( 30.9 - 59.3)	51.6 ( 38.9 - 68.6)
Portugal	79.5 ( 70.4 - 89.9)	18.	-
Slovenia	80.8 ( 69.5 - 93.9)	40.5 ( 26.9 - 60.9)	50.1 ( 34.3 - 73.3)
Spain	72.3 ( 66.8 - 78.2)	47.4 ( 41.2 - 54.6)	65.6 ( 58.4 - 73.7)
Czech Republic	70.0 ( 56.5 - 86.7)	18 (B)	<u>.</u>
Poland	61.0 ( 50.9 - 73.2)	<b>42.6 (</b> 31.6 - 57.3)	69.7 ( 55.2 - 88.1)
EUROPE	76.9 (74.6 - 79.2)	49.5 ( 47.0 - 52.2)	64.4 ( 61.7 - 67.3)

### Hypopharynx

COUNTRY	Coverage	٢	lumber of	cases	Age-stan	dardized five	year rel	ative survi	ival (%)	
	%	Men	Women	Persons	0	20	40	60	80	100
Denmark	100	189	56	245	Denmark					
Finland	100	69	16	85	Finland				i	
Iceland	100	5		5	Iceland	_			1	
Norway	100	106	25	131	Norway				1	
Sweden	100	214	50	264	Sweden				1	
Ireland	100	123	53	176	Ireland			1	1	
UK England	100	1,067	486	1,553	UKEngland					
<b>UK Northern Ireland</b>	100	43	23	66	UK Northern Ireland	1	i.	i	i	
UK Scotland	100	225	88	313	UKScotland			1	1	
UK Wales	100	85	29	114	UK Wales		ł	ł	1	
Austria	100	517	65	582	Austria				i i	
Belgium	58	198	24	222	Belgium	1	;		1	
France	11	840	41	881	France				i	
Germany	1	134	19	153	Germany				1	
Netherlands	34	184	50	234	Netherlands	+	- 1	1	İ	
Switzerland	27	124	16	140	Switzerland	1			1	
Italy	25	801	103	904	Italy				1	
Malta	100	8	2	10	Malta			1	i i	
Portugal	43	121	5	126	Portugal			1	1	
Slovenia	100	210	10	220	Slovenia	F I	i	i	i	
Spain	14	545	18	563	Spain					
Czech Republic	8	20	1	21	Czech Republic	1		1	Ì	
Poland	6	75	18	93	Poland			4	ł	
TOTAL		5,903	1,198	7,101	EUROPE	- 3 ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	1	1	1	

		15-4	44	45-	54	55-	64	65-7	74	75-9	99	All ad	lults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(41	7)	(1,6	27)	(2,1	30)	(1,84	43)	(1,03	34)	(7,10	01)
Persons	One year	62.7	62.8	69.0	69.4	65.7	66.5	58.0	59.7	46.6	50.9	62.1	63.5
	Three years	35.5	35.8	36.8	37.5	34.7	36.1	28.4	31.2	19.6	25.9	32.0	34.3
	Five years	27.5	27.8	27.2	28.0	25.5	27.3	20.2	23.9	12.9	21.1	23.1	26.0
Men	One year	61.1	61.2	68.3	68.7	65.2	66.0	58.5	60.3	49.6	54.3	62.4	63.9
	Three years	33.3	33.6	34.9	35.5	33.6	35.0	28.2	31.1	19.7	26.2	31.3	33.5
	Five years	25.6	26.0	25.7	26.5	23.8	25.7	19.7	23.6			22.2	25.0
Women	One year	71.4	71.5	74.9	75.1	69.5	69.9	56.3	57.2	33.9	36.6	60.9	62.1
	Three years	43.3	43.4	51.3	51.8	41.7	42.6	32.3	34.0	17.4	22.3	36.8	39.1
	Five years			36.6	37.3	36.9	38.3	24.6	27.1	12.7	19.8	28.8	32.0

COUNTRY	One year	Five years	Conditional
Denmark	58.0 ( 50.7 - 66.3)	19.5 ( 14.3 - 26.4)	33.6 ( 25.5 - 44.2
Finland	55.7 ( 45.0 - 68.8)	15.2 ( 8.9 - 25.9)	27.3 ( 16.7 - 44.5)
Iceland	-		-
Norway	52.6 ( 44.1 - 62.7)		8
Sweden	52.6 ( 46.9 - 59.0)	<b>23.2 (</b> 18.2 - 29.7)	44.2 ( 35.7 - 54.8)
Ireland	53.2 ( 45.6 - 62.1)	23.3 ( 16.9 - 32.3)	43.8 ( 32.9 - 58.3)
UK England	53.1 ( 50.5 - 55.8)	22.3 ( 19.9 - 25.0)	42.1 ( 38.0 - 46.5)
UK Northern Ireland		-	-
UK Scotland	56.3 ( 50.3 - 62.9)	22.6 ( 17.2 - 29.7)	40.2 ( 31.3 - 51.6)
UK Wales	47.6 ( 39.0 - 58.3)	16.5 ( 11.0 - 24.7)	34.7 ( 24.5 - 49.1)
Austria	58.4 ( 52.0 - 65.7)	22.7 ( 16.9 - 30.4)	38.8 ( 29.7 - 50.7
Belgium	62.3 ( 53.2 - 73.0)	27.5 ( 18.8 - 40.3)	44.2 ( 31.2 - 62.4)
France	63.3 ( 59.1 - 67.8)	25.9 ( 21.9 - 30.5)	40.9 ( 35.1 - 47.5)
Germany	59.8 ( 47.2 - 75.7)	-	1
Netherlands	62.6 ( 55.4 - 70.7)	25.4 ( 18.7 - 34.6)	40.6 ( 30.7 - 53.8)
Switzerland	64.8 ( 55.1 - 76.3)	24.1 ( 15.1 - 38.4)	37.1 ( 24.0 - 57.5)
Italy	67.6 ( 63.7 - 71.7)	28.3 ( 24.6 - 32.5)	41.8 ( 36.8 - 47.5)
Malta	(=)	-	-
Portugal	46.7 ( 35.7 - 61.1)	1	-
Slovenia	56.0 ( 41.3 - 75.8)	<b>12.9 (</b> 9.2 - 18.0)	23.0 ( 19.9 - 26.6)
Spain	63.4 ( 57.8 - 69.6)	26.0 ( 20.9 - 32.3)	41.0 ( 33.6 - 50.0)
Czech Republic	<b>69.4</b> ( 49.9 - 96.4 )		
Poland	55.2 ( 42.8 - 71.2)	<b>28.2 (</b> 15.8 - 50.1)	<b>51.0 (</b> 30.4 - 85.6)
EUROPE	60.1 ( 58.0 - 62.3)	24.6 ( 22.5 - 27.0)	41.0 ( 37.7 - 44.7)

# Head & neck

COUNTRY	Coverage	1	Number of	cases	Age-star	n
	%	Men	Women	Persons	0	
Denmark	100	1,500	706	2,206	Denmark	Ĩ
Finland	100	668	430	1,098	Finland	ī
Iceland	100	27	26	53	Iceland	Ī
Norway	100	791	386	1,177	Norway	
Sweden	100	1,393	802	2,195	Sweden	ī
Ireland	100	725	273	998	Ireland	ī
UK England	100	8,507	4,765	13,272	UKEngland	ī
<b>UK Northern Ireland</b>	100	312	174	486	UK Northern Ireland	Ĩ
UK Scotland	100	1,561	788	2,349	UKScotland	Ĩ
UK Wales	100	645	304	949	UKWales	ī
Austria	100	2,572	684	3,256	Austria	Ĩ
Belgium	58	1,272	361	1,633	Belgium	Ĩ
France	11	3,038	464	3,502	France	Ĩ
Germany	1	678	166	844	Germany	Ī
Netherlands	34	1,076	629	1,705	Netherlands	Ī
Switzerland	27	661	207	868	Switzerland	Ī
Italy	25	5,106	1,652	6,758	Italy	ī
Malta	100	88	37	125	Malta	ī
Portugal	43	748	145	893	Portugal	Ī
Slovenia	100	1,011	146	1,157	Slovenia	Ī
Spain	14	2,532	435	2,967	Spain	Ī
Czech Republic	8	232	66	298	Czech Republic	Í
Poland	6	581	199	780	Poland	Í
TOTAL		35,724	13,845	49,569	EUROPE	



	Europe, area	a-weight	ed obs	erved a	nd rela	tive su	vival (	%), by a	ge at d	iagnosi	is (years	5)	
		15-4	44	45-	54	55-6	64	65-7	74	75-9	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(4,43	33)	(11,3	19)	(13,6	23)	(11,9	50)	(8,24	14)	(49,5	69)
Persons	One year	80.7	80.9	76.4	76.7	72.3	73.2	67.2	69.1	54.6	59.7	70.5	72.1
	Three years	60.3	60.7	50.6	51.4	47.2	49.0	42.5	46.5	31.0	41.1	45.8	49.2
	Five years	53.5	54.2	41.9	43.1	38.2	40.9	32.5	38.2	21.1	34.9	36.8	41.6
Men	One year	78.4	78.6	74.8	75.2	71.0	72.0	65.1	67.2	53.1	58.4	69.5	71.0
	Three years	56.7	57.1	47.7	48.6	45.0	46.9	39.0	43.2	28.1	37.8	43.6	46.7
	Five years	49.4	50.1	39.4	40.6	35.4	38.0	29.2	35.1	18.5	31.4	34.5	38.9
Women	One year	88.2	88.3	83.5	83.8	78.2	78.7	74.0	75.3	56.7	61.6	74.0	75.9
	Three years	71.8	72.0	63.0	63.6	57.1	58.3	53.9	56.9	35.0	45.5	53.4	57.8
	Five years	67.1	67.5	53.2	54.0	51.2	53.1	43.0	47.5	24.5	39.1	44.5	50.9

COUNTRY	One year	Five years	Conditional
Denmark	68.7 ( 66.4 - 71.1)	40.2 ( 37.4 - 43.2)	58.5 ( 54.9 - 62.3)
Finland	74.7 ( 71.6 - 78.0)	50.6 ( 46.6 - 55.0)	67.7 ( 63.1 - 72.8)
Iceland	86.3 (77.5 - 96.1)		
Norway	71.8 ( 69.0 - 74.7)	45.1 ( 41.7 - 48.9)	62.8 ( 58.7 - 67.3)
Sweden	74.5 ( 72.5 - 76.5)	49.2 ( 46.6 - 51.8)	66.0 ( 63.1 - 69.0)
Ireland	62.8 ( 59.5 - 66.1)	37.5 ( 33.8 - 41.5)	59.7 ( 54.7 - 65.3)
UK England	<b>68.5 (</b> 67.7 - 69.4)	44.8 ( 43.7 - 45.9)	65.3 ( 63.9 - 66.7)
UK Northern Ireland	62.8 ( 58.3 - 67.5)	36.1 ( 31.3 - 41.7)	57.5 ( 50.9 - 65.1)
UK Scotland	<b>68.1 (</b> 66.0 - 70.4)	42.5 ( 39.7 - 45.4)	62.3 ( 58.8 - 66.1)
UK Wales	67.6 ( 64.3 - 71.1)	40.4 ( 36.6 - 44.6)	59.7 ( 54.8 - 65.1)
Austria	67.1 ( 64.9 - 69.4)	36.8 ( 34.2 - 39.7)	54.9 ( 51.4 - 58.7)
Belgium	69.9 ( 67.1 - 72.8)	38.1 ( 34.8 - 41.6)	54.5 ( 50.4 - 58.9)
France	69.2 ( 67.1 - 71.3)	33.9 ( 31.6 - 36.4)	49.0 ( 46.0 - 52.3)
Germany	73.5 ( 68.8 - 78.4)	49.4 ( 43.0 - 56.7)	67.2 ( 59.5 - 76.0)
Netherlands	74.6 ( 72.0 - 77.3)	51.2 ( 47.6 - 55.0)	68.6 ( 64.5 - 73.0)
Switzerland	75.3 (71.5 - 79.3)	40.3 ( 35.6 - 45.5)	<b>53.4 (</b> 47.9 - 59.7)
Italy	73.4 ( 72.2 - 74.7)	41.7 ( 40.2 - 43.3)	56.8 ( 54.9 - 58.7)
Malta	74.8 ( 65.6 - 85.3)	<b>41.0 (</b> 30.3 - 55.4)	54.8 ( 41.8 - 71.9)
Portugal	<b>63.1 (</b> 59.0 - 67.4)	36.3 ( 31.3 - 42.0)	57.5 ( 50.4 - 65.6)
Slovenia	<b>63.0 (</b> 58.5 - 67.9)	31.1 ( 26.2 - 36.8)	49.3 ( 42.3 - 57.3)
Spain	<b>68.9 (</b> 66.7 - 71.1 )	39.4 ( 36.9 - 42.1)	57.2 ( 53.9 - 60.6)
Czech Republic	<b>65.9 (</b> 58.0 - 75.0)	33.4 ( 23.8 - 47.0)	<b>50.7 (</b> 37.0 - 69.4)
Poland	<b>60.0 (</b> 55.3 - 65.0 <b>)</b>	31.6 ( 26.7 - 37.4)	52.6 ( 45.4 - 61.1)
EUROPE	69.1 ( 68.3 - 69.8)	39.5 ( 38.7 - 40.4)	57.2 ( 56.1 - 58.4)

### Oesophagus

COUNTRY	Coverage	1	Number of	cases	Age-s	standar	dized fiv	e-year rela	ative surv	ival (%)	
	%	Men	Women	Persons	(	0	20	40	60	80	100
Denmark	100	1,119	422	1,541	Denmark	H		1			
Finland	100	524	367	891	Finland	H		i	1	i	
lceland	100	49	16	65	Iceland			1		1	
Norway	100	514	187	701	Norway			i	i	į.	
Sweden	100	1,095	426	1,521	Sweden	-	4	1			
Ireland	100	870	556	1,426	Ireland	H	- i	i.	i	1	
UK England	100	14,559	9,413	23,972	UKEngland	H					
UK Northern Ireland	100	435	280	715	UK Northern Ireland	H		1			
UK Scotland	100	2,087	1,448	3,535	UKScotland	H		ł		1	
UK Wales	100	908	663	1,571	UKWales	P	H I	1		1	
Austria	100	994	213	1,207	Austria	- H		i	i	i	
Belgium	58	829	238	1,067	Belgium		H.	1			
France	11	1,507	266	1,773	France	-	4	i i	i i	i.	
Germany	1	262	71	333	Germany			i			
Netherlands	34	1,187	563	1,750	Netherlands	H	1	1			
Switzerland	27	342	106	448	Switzerland	H		1		1	
Italy	25	2,428	719	3,147	Italy	н		1			
Malta	100	40	16	56	Malta		i.	i	1	i	
Portugal	43	325	64	389	Portugal	H		1		1	
Slovenia	100	311	71	382	Slovenia	H		1			
Spain	14	1,168	138	1,306	Spain	H		i i		i i	
Czech Republic	8	110	17	127	Czech Republic	H		1		1	
Poland	6	335	95	430	Poland	l <del>i</del>		1			
TOTAL		31,998	16,355	48,353	EUROPE		1				

		15-4	44	45-	54	55-	64	65-3	74	75-9	99	All ad	ults
		obs	rel	obs	rel								
		(1,22	23)	(4,89	99)	(9,84	47)	(15,0	89)	(17,2	95)	(48,3	53)
Persons	One year	44.0	44.1	45.2	45.4	40.1	40.5	35.0	36.1	23.3	25.6	35.0	36.3
	Three years	21.8	22.0	19.5	19.8	17.7	18.4	14.0	15.4	6.5	8.8	14.1	15.7
	Five years	16.5	16.7	13.8	14.2	12.0	12.9	9.8	11.6	3.8	6.5	9.6	11.6
Men	One year	43.9	44.0	44.4	44.7	39.4	40.0	34.2	35.4	23.7	26.2	35.5	36.7
	Three years	19.9	20.0	18.7	19.0	17.1	17.9	13.2	14.7	6.5	9.0	14.1	15.7
	Five years	15.2	15.4	12.9	13.3	11.4	12.3	9.1	10.9			9.4	11.3
Women	One year	44.9	45.0	50.7	50.9	43.4	43.6	38.0	38.7	23.0	25.0	33.6	35.0
	Three years	31.5	31.6	23.6	23.8	20.6	21.0	17.0	18.0	6.4	8.5	14.1	16.1
	Five years	22.8	22.9	18.5	18.8	15.2	15.8	12.7	14.1	4.3	7.0	10.2	12.8

COUNTRY	One year	Five years	Conditional
Denmark	27.5 ( 25.1 - 30.1)	5.2 ( 4.0 - 6.7)	18.9 ( 14.9 - 23.9
Finland	34.5 ( 31.2 - 38.1)	<b>11.1 (</b> 8.9 - 13.9)	32.2 ( 26.4 - 39.3
Iceland	35.4 ( 25.6 - 48.7)	140 (380) 1	
Norway	30.8 ( 27.2 - 34.9)	8.3 ( 6.1 - 11.3)	27.0 ( 20.5 - 35.7
Sweden	36.0 ( 33.4 - 38.8)	12.7 ( 10.8 - 15.0)	35.3 ( 30.4 - 40.9
reland	32.7 ( 30.1 - 35.4)	12.6 ( 10.7 - 14.9)	38.7 ( 33.5 - 44.7
UK England	32.9 ( 32.2 - 33.6)	9.9 ( 9.4 - 10.4)	30.1 ( 28.8 - 31.5
UK Northern Ireland	36.7 ( 33.0 - 40.8)	12.1 ( 9.6 - 15.2)	32.8 ( 26.7 - 40.3
UK Scotland	33.3 ( 31.6 - 35.1)	10.3 ( 9.2 - 11.7)	<b>31.0 (</b> 27.8 - 34.6
UK Wales	33.5 ( 31.0 - 36.2)	13.3 ( 11.4 - 15.6)	39.7 ( 34.7 - 45.5
Austria	34.8 ( 32.0 - 37.8)	<b>10.6 (</b> 8.6 - 13.0)	30.4 ( 25.2 - 36.6
Belgium	<b>44.1 (</b> 41.1 - 47.3)	<b>19.0 (</b> 16.5 - 21.8)	43.0 ( 38.1 - 48.4
France	43.1 ( 40.7 - 45.6)	12.4 ( 10.7 - 14.3)	28.7 ( 25.1 - 32.9
Germany	40.3 ( 34.7 - 46.8)	19.2 ( 14.1 - 26.1)	47.6 ( 36.5 - 62.2
Netherlands	37.0 ( 34.7 - 39.5)	11.7 ( 10.1 - 13.6)	31.6 ( 27.6 - 36.2
Switzerland	44.2 ( 39.6 - 49.2)	<b>12.8 (</b> 9.7 - 16.9)	29.1 ( 22.6 - 37.4
taly	38.3 ( 36.5 - 40.2)	11.2 ( 10.0 - 12.6)	<b>29.3 (</b> 26.3 - 32.6
Malta	23.8 ( 14.7 - 38.4)	3.2 ( 0.8 - 12.2)	<b>13.3 (</b> 3.8 - 47.1
Portugal	<b>33.9 (</b> 29.3 - 39.4 )	<b>12.5 (</b> 9.1 - 17.3)	36.9 ( 27.8 - 49.2
Slovenia	<b>22.8 (</b> 18.6 - 28.0)	7.0 ( 4.1 - 12.0)	30.7 ( 18.6 - 50.7
Spain	35.7 ( 33.0 - 38.6)	9.7 ( 7.9 - 11.9)	27.2 ( 22.5 - 32.9
Czech Republic	26.1 ( 19.2 - 35.4)	3.1 ( 1.3 - 7.0)	11.7 ( 5.4 - 25.3
Poland	23.2 ( 19.3 - 27.8)	7.6 ( 5.0 - 11.4)	32.7 ( 22.7 - 47.0
EUROPE	35.8 ( 35.0 - 36.5)	11.1 ( 10.5 - 11.6)	30.9 ( 29.6 - 32.4

COUNTRY	Coverage	1	Number of	cases	Age-sta	ndardized fiv	e-year rel	ative survi	val (%)
	%	Men	Women	Persons	0	20	40	60	80
Denmark	100	1,518	913	2,431	Denmark	H-I	1	1	1
Finland	100	1,936	1,535	3,471	Finland	H			
Iceland	100	115	55	170	Iceland	H			
Norway	100	1,773	1,134	2,907	Norway	H-			
Sweden	100	3,021	1,919	4,940	Sweden		1		1
Ireland	100	1,410	849	2,259	Ireland	H	i.	i	i
UK England	100	22,434	12,186	34,620	UKEngland	6			
<b>UK Northern Ireland</b>	100	754	462	1,216	UK Northern Ireland	H			
UK Scotland	100	2,595	1,819	4,414	UKScotland	H.			
UK Wales	100	1,726	945	2,671	UKWales	H-I	1		ł
Austria	100	3,870	3,539	7,409	Austria		H i		
Belgium	58	1,371	982	2,353	Belgium		i i i i i i i i i i i i i i i i i i i		
France	11	1,674	1,034	2,708	France	- H		i	i
Germany	1	583	499	1,082	Germany		-		
Netherlands	34	2,468	1,367	3,835	Netherlands	H			
Switzerland	30	807	548	1,355	Switzerland		- 1		
Italy	25	12,525	9,382	21,907	Italy		<b>H</b>	1	
Malta	100	163	79	242	Malta	- H			
Portugal	43	1,450	879	2,329	Portugal	H			
Slovenia	100	1,292	835	2,127	Slovenia	H.	ļ	i	i
Spain	14	3,164	1,798	4,962	Spain	1	4		
Czech Republic	8	432	257	689	Czech Republic	H H			
Poland	6	1,144	668	1,812	Poland	H-I	i i		
TOTAL		68,225	43,684	111,909	EUROPE				

Europe, area-weighted observed and relative survival (%), by age at diagnosis (years) 45-54 55-64 75-99 15-44 65-74 All adults obs rel obs rel obs rel obs rel obs rel obs rel (111,909) (3,715)(8,156) (17,725) (34,996) (47, 317)Persons One year 59.4 59.5 56.0 56.2 51.1 51.7 44.5 45.8 31.9 35.2 42.0 44.1 Three years 40.2 40.4 35.3 35.8 30.4 31.5 25.7 28.1 15.4 20.9 23.7 27.6 29.8 24.7 20.6 24.1 Five years 34.5 34.8 30.6 26.4 24.2 10.6 18.3 18.6 44.0 58.3 49.2 49.9 30.9 41.9 One year 58.2 55.1 55.4 43.4 44.9 34.4 Men Three years 38.0 38.2 33.8 34.4 28.4 29.7 23.9 26.6 13.9 19.5 22.8 26.6 22.9 Five years 32.3 32.7 28.2 29.1 22.9 24.7 18.6 22.6 9.2 16.6 17.6 47.3 Women One year 61.0 61.0 57.5 57.7 55.4 55.8 46.5 32.9 35.9 42.1 44.3 43.0 43.1 38.2 38.6 34.8 35.5 29.1 30.8 16.9 22.3 24.9 29.0 Three years Five years 37.3 37.5 33.0 33.5 29.1 30.1 24.2 26.8 12.1 19.9 19.9 25.8

COUNTRY	One year	Five years	Conditional
Denmark	36.5 ( 34.5 - 38.7)	14.4 ( 12.9 - 16.2)	39.5 ( 35.8 - 43.7
Finland	48.4 ( 46.6 - 50.2)	27.6 ( 25.9 - 29.5)	57.1 ( 54.2 - 60.2
Iceland	43.2 ( 35.7 - 52.2)	26.5 ( 19.7 - 35.8)	61.4 ( 48.8 - 77.4
Norway	43.2 ( 41.1 - 45.3)	21.9 ( 20.0 - 23.9)	50.6 ( 47.1 - 54.5
Sweden	44.9 ( 43.4 - 46.5)	22.1 ( 20.7 - 23.5)	49.1 ( 46.5 - 51.9
Ireland	34.2 ( 32.1 - 36.4)	18.0 ( 16.2 - 20.0)	52.7 ( 48.4 - 57.4
UK England	38.0 ( 37.4 - 38.6)	16.1 ( 15.6 - 16.6)	42.4 ( 41.2 - 43.5
UK Northern Ireland	36.8 ( 34.0 - 39.8)	17.2 ( 14.8 - 20.0)	46.8 ( 41.2 - 53.0
UK Scotland	38.0 ( 36.4 - 39.6)	15.7 ( 14.4 - 17.1)	41.3 ( 38.3 - 44.6
UK Wales	39.0 ( 36.9 - 41.2)	15.9 ( 14.3 - 17.8)	40.8 ( 37.1 - 45.0
Austria	50.0 ( 48.7 - 51.2)	30.3 ( 29.0 - 31.6)	60.6 ( 58.5 - 62.8
Belgium	54.2 ( 52.0 - 56.6)	31.5 ( 29.2 - 34.0)	58.1 ( 54.6 - 61.9
France	50.6 ( 48.5 - 52.7)	26.0 (24.1 - 28.1)	51.5 ( 48.2 - 55.0
Germany	48.8 ( 45.6 - 52.1)	27.5 ( 24.4 - 31.1)	56.5 ( 51.0 - 62.6
Netherlands	41.2 ( 39.6 - 43.0)	18.1 ( 16.7 - 19.6)	43.9 ( 40.9 - 47.1
Switzerland	54.2 ( 51.5 - 57.0)	27.2 ( 24.5 - 30.1)	50.2 ( 45.9 - 54.8
Italy	55.1 ( 54.4 - 55.8)	31.7 ( 31.0 - 32.5)	57.6 ( 56.5 - 58.8
Malta	33.8 ( 27.0 - 42.3)	18.9 ( 13.1 - 27.4)	56.0 ( 41.7 - 75.1
Portugal	48.8 ( 46.7 - 51.0)	<b>28.1 (</b> 26.0 - 30.4)	57.7 ( 54.0 - 61.5
Slovenia	39.8 ( 37.7 - 42.0)	20.7 ( 18.7 - 22.8)	51.9 ( 47.8 - 56.3
Spain	48.4 ( 47.0 - 49.9)	27.8 ( 26.4 - 29.3)	57.4 ( 55.0 - 59.9
Czech Republic	<b>39.2 (</b> 35.5 - 43.3)	18.0 ( 14.9 - 21.8)	45.9 ( 39.0 - 54.1
Poland	33.3 ( 31.1 - 35.6)	14.4 ( 12.7 - 16.4)	<b>43.4 (</b> 38.9 - 48.4
EUROPE	46.3 ( 45.8 - 46.7)	24.5 ( 24.1 - 24.9)	52.9 ( 52.2 - 53.7

Stomach

100

#### Small intestine



		15-4	44	45-	54	55-	64	65-7	74	75-9	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(49)	0)	(92	8)	(1,44	18)	(2,16	60)	(2,2*	17)	(7,24	43)
Persons	One year	72.4	72.5	78.8	79.1	70.0	70.7	63.9	65.6	45.7	49.7	62.4	64.6
	Three years	55.0	55.3	62.9	63.7	50.7	52.3	43.9	47.7	27.9	36.4	44.0	48.9
	Five years	46.1	46.4	53.6	54.9	44.7	47.3	37.3	43.3	18.3	29.5	36.1	43.3
Men	One year	68.6	68.7	75.3	75.7	67.2	68.0	63.2	65.3	42.9	47.2	61.1	63.3
	Three years	51.2	51.4	60.1	61.1	47.7	49.6	44.3	49.2	26.4	35.7	43.5	48.5
	Five years	44.8	45.3	53.6	55.3	41.8	44.8	36.7	44.3	17.8	30.5	36.2	43.7
Women	One year	79.4	79.5	82.9	83.2	74.5	74.9	64.9	66.1	49.5	53.3	64.3	66.4
	Three years	62.8	63.0	66.2	66.7	55.3	56.4	43.2	45.6	30.2	38.4	45.0	49.7
	Five years	48.7	48.9	54.8	55.7	49.2	50.9	37.9	42.0	18.7	28.8	36.2	43.2

Age-standardized 1-yr and 5-yr relative survival (95% confidence intervals) and at 5 yrs conditional on surviving 1 year One year COUNTRY Five years Conditional 29.1 ( 23.4 - 36.3) 58.2 ( 48.7 - 69.6) Denmark 50.1 ( 44.1 - 56.9) Finland 68.8 ( 63.2 - 74.9) 51.8 ( 44.8 - 59.9) 75.3 ( 67.0 - 84.7) Iceland 64.9 ( 59.4 - 70.9) 47.5 ( 41.1 - 54.8) 73.1 ( 65.3 - 81.8) Norway Sweden 71.2 ( 67.9 - 74.6) 52.7 ( 48.7 - 57.0) 74.0 ( 69.5 - 78.8) 41.5 ( 33.3 - 51.6) 57.6 ( 51.0 - 65.2) 71.9 ( 60.1 - 86.2) Ireland **UK England** 57.8 ( 55.8 - 60.0) 37.3 ( 35.0 - 39.8) 64.6 ( 61.3 - 68.0) 52.6 ( 44.2 - 62.6) 38.5 ( 29.2 - 50.9) 73.3 ( 59.0 - 91.0) **UK Northern Ireland UK Scotland** 63.0 ( 57.2 - 69.5) 39.4 ( 33.1 - 47.0) 62.5 ( 54.0 - 72.4) **UK Wales** 61.1 ( 53.2 - 70.1) 31.8 ( 23.7 - 42.6) 52.0 ( 40.2 - 67.4) 67.5 ( 62.6 - 72.8) 48.1 ( 42.0 - 55.1) 71.3 ( 63.7 - 79.7) Austria Belgium 71.4 ( 65.1 - 78.3) 50.7 ( 43.3 - 59.5) 71.1 ( 62.5 - 80.8) 70.1 ( 64.7 - 76.0) 45.0 ( 38.7 - 52.4) 64.2 ( 56.6 - 72.9) France 83.6 ( 72.8 - 96.1) 62.8 ( 47.4 - 83.2) 75.1 ( 58.8 - 95.8) Germany 38.1 ( 31.8 - 45.7) 60.6 ( 51.9 - 70.8) 62.9 ( 57.2 - 69.1) Netherlands 73.2 ( 65.3 - 81.9) 63.3 ( 51.7 - 77.5) Switzerland 46.3 ( 36.7 - 58.4) 43.9 ( 40.4 - 47.7) Italy 66.0 ( 63.0 - 69.1) 66.5 ( 62.1 - 71.3) Malta \* 54.9 ( 43.4 - 69.5) 49.3 ( 36.1 - 67.3) 89.8 ( 73.2 - 110.1) Portugal 59.2 ( 49.3 - 71.1) 42.5 ( 31.6 - 57.2) 71.8 ( 56.9 - 90.7) 55.6 ( 42.2 - 73.2) 41.8 ( 31.6 - 55.3) 75.2 ( 71.9 - 78.7) Slovenia 60.6 ( 54.0 - 68.0) 39.2 ( 32.0 - 48.0) 64.7 ( 54.7 - 76.5) Spain **Czech Republic** 65.1 ( 50.1 - 84.6)

22.9 ( 12.3 - 42.8)

41.8 ( 39.8 - 44.0)

50.4 ( 30.5 - 83.2)

65.1 ( 62.6 - 67.8)

64.3 ( 62.3 - 66.3) \* age-standardized survival implausibly low due to unstable estimates in one ore more age classes

45.5 ( 31.3 - 66.0)

Poland

EUROPE

COUNTRY	Coverage	N	Number of	cases	Age-s	tandardized fi	ve-year relat	ive s	urvival (%)
	%	Men	Women	Persons		0 20	40	60	80
Denmark	100	4,354	5,029	9,383	Denmark		H I		
Finland	100	2,340	2,859	5,199	Finland			i ii	(
Iceland	100	191	157	348	Iceland	2	-		4 I
Norway	100	3,869	4,687	8,556	Norway			-	1
Sweden	100	6,487	6,911	13,398	Sweden			H	
Ireland	100	2,783	2,471	5,254	Ireland		H		1
UK England	100	36,494	37,477	73,971	UKEngland				
UK Northern Ireland	100	1,399	1,531	2,930	UK Northern Ireland			H	
UK Scotland	100	4,891	5,096	9,987	UKScotland		. +		
UK Wales	100	2,538	2,412	4,950	UKWales		t.		1
Austria	100	6,531	6,629	13,160	Austria			H	i
Belgium	58	3,116	3,203	6,319	Belgium				1
France	13	4,042	3,812	7,854	France			H	1
Germany	1	1,148	1,331	2,479	Germany			E i	
Netherlands	34	4,412	4,780	9,192	Netherlands			H-	1
Switzerland	47	1,723	1,640	3,363	Switzerland		-	<b>H</b>	
Italy	25	17,347	16,181	33,528	Italy			TH:	
Malta	100	183	225	408	Malta		E	+ 1	1
Portugal	43	1,612	1,412	3,024	Portugal		H	41	1
Slovenia	100	1,176	1,081	2,257	Slovenia		H		1
Spain	14	4,569	3,696	8,265	Spain			H I	1
Czech Republic	8	923	759	1,682	Czech Republic		H-H		
Poland	6	1,357	1,357	2,714	Poland		i i i i i i i i i i i i i i i i i i i		į.
TOTAL		113,485	114,736	228,221	EUROPE				

Europe, area-weighted observed and relative survival (%), by age at diagnosis (years)

		15-	44	45-	54	55-	64	65-	74	75-	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(6,5	57)	(16,7	10)	(39,3	07)	(72,7	22)	(92,9	25)	(228,	221)
Persons	One year	83.5	83.6	80.7	81.1	78.9	79.7	73.6	75.6	57.8	63.3	69.5	72.7
	Three years	68.0	68.3	62.8	63.6	61.5	63.6	55.5	60.4	38.8	51.8	51.3	58.9
	Five years	62.2	62.7	56.0	57.4	53.6	56.8	47.0	54.8	29.5	49.2	42.8	54.3
Men	One year	82.7	82.9	80.3	80.7	77.3	78.4	72.5	75.0	58.0	64.3	69.8	73.3
	Three years	67.1	67.5	62.0	63.1	59.4	61.9	53.7	59.8	38.0	52.6	50.9	59.0
	Five years	61.2	61.9	55.5	57.3	50.7	54.7	44.5	54.0	27.9	49.8	41.9	53.9
Women	One year	84.3	84.4	81.2	81.4	80.9	81.4	75.0	76.3	57.6	62.5	69.3	72.2
	Three years	68.7	68.9	63.6	64.2	64.3	65.6	57.7	61.1	39.4	51.2	51.6	58.7
	Five years	63.1	63.4	56.6	57.5	57.3	59.4	50.2	55.6	30.6	48.9	43.7	54.6

Age-standardized 1-yr and 5-yr	r relative survival (95% confid	ence intervals) and at 5 yrs co	onditional on surviving 1 year
COUNTRY	One year	Five years	Conditional
Denmark	70.9 ( 69.8 - 71.9)	49.3 ( 48.0 - 50.6)	69.5 ( 68.0 - 71.1)
Finland	77.5 ( 76.3 - 78.8)	<b>59.1 (</b> 57.4 - 60.9)	76.2 (74.4 - 78.1)
Iceland	78.7 (73.9 - 83.8)	56.9 ( 50.5 - 64.2)	72.3 ( 65.4 - 80.1)
Norway	77.1 ( 76.1 - 78.1)	57.0 ( 55.6 - 58.4)	73.9 (72.4 - 75.4)
Sweden	79.7 (78.9 - 80.5)	57.7 ( 56.6 - 58.8)	72.5 ( 71.3 - 73.7)
Ireland	71.6 ( 70.3 - 73.0)	52.2 ( 50.5 - 53.9)	72.8 ( 70.8 - 74.9)
UK England	69.9 ( 69.5 - 70.2)	49.9 ( 49.4 - 50.4)	71.4 ( 70.9 - 72.0)
UK Northern Ireland	73.2 (71.5 - 75.0)	<b>53.4 (</b> 51.2 - 55.8)	72.9 ( 70.3 - 75.6)
UK Scotland	72.1 (71.2 - 73.1)	51.6 ( 50.4 - 53.0)	71.6 ( 70.1 - 73.1)
UK Wales	72.2 ( 70.8 - 73.6)	50.8 ( 49.1 - 52.7)	70.4 ( 68.3 - 72.5)
Austria	75.7 (74.9 - 76.5)	58.7 ( 57.6 - 59.9)	77.6 ( 76.3 - 78.8)
Belgium	76.5 (75.4 - 77.7)	56.4 ( 54.8 - 58.0)	73.7 ( 72.0 - 75.4)
France	78.8 (77.8 - 79.8)	58.0 ( 56.6 - 59.4)	73.6 (72.1 - 75.1)
Germany	76.9 (75.1 - 78.8)	57.9 ( 55.2 - 60.7)	75.3 (72.3 - 78.4)
Netherlands	76.0 ( 75.1 - 77.0)	56.8 ( 55.5 - 58.2)	74.7 ( 73.3 - 76.2)
Switzerland	79.7 (78.3 - 81.2)	<b>59.1 (</b> 57.1 - 61.2)	74.2 ( 72.0 - 76.4)
Italy	78.1 (77.6 - 78.6)	58.7 ( 58.0 - 59.4)	75.2 ( 74.5 - 75.9)
Malta	71.5 ( 66.9 - 76.4)	49.7 ( 43.9 - 56.2)	69.5 ( 62.5 - 77.1)
Portugal	74.2 ( 72.6 - 75.9)	51.9 ( 49.7 - 54.3)	70.0 ( 67.4 - 72.7)
Slovenia	66.1 ( 64.1 - 68.2)	45.8 ( 43.2 - 48.5)	69.2 ( 66.0 - 72.6)
Spain	74.7 (73.8 - 75.7)	54.9 ( 53.6 - 56.3)	73.5 ( 72.0 - 75.0)
Czech Republic	66.5 ( 64.1 - 69.1)	46.9 ( 43.7 - 50.4)	70.5 ( 66.3 - 75.0)
Poland	60.1 ( 58.1 - 62.0)	38.7 ( 36.5 - 41.1)	64.5 ( 61.4 - 67.7)
EUROPE	74.2 (73.9 - 74.5)	54.5(54.1-54.9)	73.5 ( 73.0 - 73.9)

Colon

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#### Rectum and anal canal



		15-4	44	45-	54	55-	64	65-	74	75-9	99	All ad	ults
		obs	rel	obs	rel								
		(4,2)	71)	(13,0	42)	(28,3	01)	(44,7	72)	(47,8	46)	(138,2	232)
Persons	One year	87.0	87.1	86.3	86.7	83.2	84.1	78.3	80.4	61.5	67.4	75.1	78.2
	Three years	68.3	68.7	66.9	67.8	64.2	66.5	57.0	62.2	37.6	50.3	53.7	60.8
	Five years	59.9	60.5	58.0	59.5	53.9	57.4	46.0	53.7	26.8	45.0	43.2	53.6
Men	One year	84.5	84.7	85.5	86.0	82.3	83.5	76.9	79.6	62.0	68.6	75.3	78.6
	Three years	66.0	66.5	65.0	66.1	62.3	65.0	54.9	61.1	37.2	51.5	53.3	60.8
	Five years	57.6	58.2	56.1	57.9	51.1	55.1	43.1	52.1	25.9	46.2	42.2	52.8
Women	One year	89.6	89.7	87.5	87.7	84.8	85.3	80.3	81.7	61.0	66.2	74.8	77.6
	Three years	70.8	71.0	69.7	70.3	67.7	69.1	60.3	63.8	37.9	49.2	54.3	61.0
	Five years	62.6	62.9	60.8	61.7	59.1	61.3	50.5	55.9	27.6	44.0	44.6	54.6

Age-standardized 1-yr and 5-yr	relative survival (95% confide	ence intervals) and at 5 yrs co	onditional on surviving 1 year
COUNTRY	One year	Five years	Conditional
Denmark	76.0 (74.9 - 77.2)	49.2 ( 47.7 - 50.8)	64.8 ( 63.0 - 66.6)
Finland	81.0 ( 79.6 - 82.5)	<b>55.2 (</b> 53.1 - 57.3)	68.1 ( 65.8 - 70.4)
Iceland	76.0 ( 67.7 - 85.4)	54.4 ( 44.5 - 66.5)	71.6 ( 60.7 - 84.3)
Norway	82.2 ( 81.0 - 83.4)	60.4 ( 58.6 - 62.2)	73.5 (71.6 - 75.4)
Sweden	83.7 ( 82.8 - 84.6)	<b>59.7 (</b> 58.3 - 61.1)	71.3 ( 69.8 - 72.7)
Ireland	73.9 ( 72.3 - 75.6)	48.5 ( 46.3 - 50.7)	65.5 ( 63.0 - 68.2)
UK England	76.3 ( 75.9 - 76.7)	51.8 ( 51.2 - 52.4)	67.8 ( 67.2 - 68.5)
UK Northern Ireland	78.3 ( 76.1 - 80.6)	49.5 ( 46.4 - 52.8)	63.2 ( 59.6 - 66.9)
UK Scotland	76.3 (75.1 - 77.6)	51.5 ( 49.8 - 53.2)	67.5 ( 65.5 - 69.5)
UK Wales	77.4 ( 75.9 - 79.0)	50.7 ( 48.6 - 52.9)	65.5 ( 63.0 - 68.0)
Austria	79.6 (78.7 - 80.6)	56.8 ( 55.4 - 58.2)	71.3 ( 69.8 - 72.9)
Belgium	83.7 (82.5 - 84.9)	58.5 ( 56.6 - 60.4)	69.9 ( 67.9 - 71.9)
France	83.3 (82.2 - 84.4)	57.6 ( 55.9 - 59.3)	69.1 ( 67.3 - 71.0)
Germany	81.2 ( 79.1 - 83.4)	56.4 ( 53.2 - 59.9)	69.5 ( 66.0 - 73.2)
Netherlands	79.9 (78.7 - 81.1)	57.2 ( 55.4 - 59.0)	71.5 ( 69.6 - 73.5)
Switzerland	84.7 (83.0 - 86.4)	<b>60.7 (</b> 58.1 - 63.5)	71.7 ( 69.0 - 74.6)
Italy	80.3 ( 79.6 - 81.0)	54.3 ( 53.3 - 55.2)	67.6 ( 66.5 - 68.7)
Malta	77.3 ( 71.8 - 83.2)	53.5 ( 46.0 - 62.2)	69.2 ( 60.6 - 79.0)
Portugal	76.6 (74.6 - 78.6)	<b>49.6 (</b> 46.9 - 52.5)	64.8 ( 61.6 - 68.1)
Slovenia	71.2 ( 69.0 - 73.4)	42.6 ( 39.8 - 45.5)	<b>59.8 (</b> 56.4 - 63.4)
Spain	78.1 ( 76.9 - 79.3)	51.7 ( 50.0 - 53.4)	66.2 ( 64.3 - 68.1)
Czech Republic	69.5 ( 66.8 - 72.3)	39.9 ( 36.4 - 43.7)	57.4 ( 52.9 - 62.4)
Poland	70.4 ( 68.0 - 72.7)	38.9 ( 36.2 - 41.9)	55.3 ( 51.8 - 59.1)
EUROPE	78.7 (78.4 - 79.0)	53.2 ( 52.7 - 53.6)	67.6 ( 67.0 - 68.1)

### **Colon and rectum**

		0.000								
COUNTRY	Coverage	1	Number of	cases	Age-s	tandardized fi	ve-year relat	tive survi	val (%)	
	%	Men	Women	Persons	(	20	40	60	80	100
Denmark	100	7,819	7,861	15,680	Denmark		, H			
Finland	100	4,192	4,545	8,737	Finland			EH.		
Iceland	100	255	213	468	Iceland		2	1	1	
Norway	100	6,443	6,868	13,311	Norway			H		
Sweden	100	10,985	10,452	21,437	Sweden	A	-15	E de la		
Ireland	100	4,812	3,671	8,483	Ireland		1			
UK England	100	64,668	57,785	122,453	UKEngland		, i			
UK Northern Ireland	100	2,237	2,207	4,444	UK Northern Ireland		H	Цİ	i	
UK Scotland	100	8,117	7,468	15,585	UK Scotland		H			
UK Wales	100	4,548	3,731	8,279	UKWales		1			
Austria	100	11,064	10,356	21,420	Austria			TH.		
Belgium	58	5,667	4,937	10,604	Belgium		5	TH:	1	
France	13	7,048	6,027	13,075	France			TH:	1	
Germany	1	2,038	2,066	4,104	Germany	14		TH:		
Netherlands	34	7,332	6,983	14,315	Netherlands			T.	1	
Switzerland	47	2,850	2,555	5,405	Switzerland			H		
Italy	25	26,227	23,237	49,464	Italy			1		
Malta	100	334	335	669	Malta			<b>4</b> 1		
Portugal	43	2,844	2,221	5,065	Portugal			4		
Slovenia	100	2,351	1,939	4,290	Slovenia		н	1	i	
Spain	14	7,677	5,690	13,367	Spain			3		
Czech Republic	8	1,770	1,247	3,017	Czech Republic		H-I			
Poland	6	2,285	2,213	4,498	Poland		нų.			
TOTAL		193,563	174,607	368,170	EUROPE					

		15-4	44	45-	54	55-	64	65-	74	75-9	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(10,8	64)	(29,8	35)	(67,7	62)	(117,8	374)	(141,8	335)	(368,	170)
Persons	One year	84.9	85.0	83.2	83.5	80.7	81.5	75.3	77.3	58.9	64.5	71.5	74.7
	Three years	68.1	68.4	64.7	65.5	62.6	64.8	56.0	61.0	38.3	51.1	52.1	59.6
	Five years	61.3	61.8	57.0	58.4	53.7	57.0	46.6	54.3	28.5	47.6	42.9	53.9
Men	One year	83.5	83.6	82.7	83.2	79.6	80.6	74.2	76.8	59.3	65.7	72.0	75.4
	Three years	66.7	67.1	63.4	64.5	60.7	63.3	54.2	60.3	37.6	52.1	51.9	59.7
	Five years	59.6	60.3	55.8	57.6	50.9	54.9	43.9	53.2	27.1	48.4	42.0	53.4
Women	One year	86.2	86.3	83.8	84.0	82.3	82.8	76.8	78.1	58.5	63.5	71.0	73.9
	Three years	69.5	69.7	66.2	66.7	65.6	66.9	58.6	61.9	38.8	50.3	52.4	59.4
	Five years	62.9	63.3	58.4	59.3	58.0	60.1	50.2	55.6	29.5	47.1	43.9	54.5

Age-standardized 1-yr and 5-yr	relative survival (95% confid	ence intervals) and at 5 yrs co	onditional on surviving 1 year
COUNTRY	One year	Five years	Conditional
Denmark	73.1 ( 72.3 - 73.8)	49.3 ( 48.3 - 50.3)	67.5 ( 66.3 - 68.7)
Finland	79.0 (78.1 - 80.0)	57.7 ( 56.4 - 59.0)	73.0 (71.6 - 74.5)
Iceland	78.9 (74.9 - 83.0)	57.1 ( 51.7 - 63.0)	72.4 ( 66.5 - 78.7)
Norway	79.0 (78.2 - 79.7)	58.3 ( 57.2 - 59.4)	73.8 ( 72.7 - 75.0)
Sweden	81.2 ( 80.6 - 81.8)	58.5 ( 57.7 - 59.4)	72.1 ( 71.2 - 73.0)
Ireland	72.3 (71.2 - 73.3)	50.6 ( 49.3 - 52.0)	70.0 ( 68.4 - 71.7)
UK England	72.2 (71.9 - 72.4)	50.5 ( 50.1 - 50.9)	70.0 ( 69.6 - 70.4)
UK Northern Ireland	74.5 (73.1 - 75.8)	51.8 ( 50.0 - 53.7)	69.6 ( 67.5 - 71.8)
UK Scotland	73.3 (72.6 - 74.1)	51.5 ( 50.5 - 52.5)	70.2 ( 69.0 - 71.4)
UK Wales	74.2 ( 73.1 - 75.2)	50.6 ( 49.3 - 52.0)	68.3 ( 66.7 - 69.9)
Austria	77.3 ( 76.7 - 77.9)	58.1 ( 57.2 - 59.0)	75.1 ( 74.2 - 76.1)
Belgium	79.4 (78.6 - 80.3)	57.4 ( 56.2 - 58.6)	72.2 ( 70.9 - 73.5)
France	80.6 (79.9 - 81.4)	57.9 ( 56.8 - 59.0)	71.8 ( 70.6 - 73.0)
Germany	78.6 (77.3 - 80.0)	57.5 ( 55.5 - 59.6)	73.1 ( 70.8 - 75.5)
Netherlands	77.5 ( 76.8 - 78.3)	57.1 ( 56.0 - 58.1)	73.6 (72.5 - 74.8)
Switzerland	81.6 ( 80.5 - 82.7)	59.9 ( 58.3 - 61.5)	73.4 (71.8 - 75.2)
Italy	78.5 ( 78.1 - 78.9)	57.1 ( 56.5 - 57.6)	72.7 ( 72.1 - 73.3)
Malta	73.8 ( 70.2 - 77.6)	51.2 ( 46.5 - 56.3)	69.3 ( 63.8 - 75.3)
Portugal	75.1 (73.9 - 76.4)	51.0 ( 49.3 - 52.8)	67.9 ( 65.9 - 70.0)
Slovenia	68.4 ( 66.9 - 70.0)	44.2 ( 42.4 - 46.2)	64.6 ( 62.3 - 67.1)
Spain	75.9 ( 75.2 - 76.7)	53.6 ( 52.6 - 54.7)	70.7 ( 69.5 - 71.8)
Czech Republic	67.8 ( 66.0 - 69.7)	43.9 ( 41.5 - 46.4)	64.7 ( 61.5 - 68.0)
Poland	64.0 ( 62.5 - 65.5)	38.8 ( 37.1 - 40.6)	60.6 ( 58.3 - 63.1)
EUROPE	75.8 ( 75.6 - 76.1)	54.0 ( 53.7 - 54.3)	71.2 ( 70.9 - 71.5)

## Liver, primary

COUNTRY	Coverage	1	Number of	cases	Age-stand	lardized fiv	re-year rel	ative surv	ival (%)	
	%	Men	Women	Persons	0	20	40	60	80	100
Denmark	100	547	349	896	Denmark			1		
Finland	100	661	471	1,132	Finland H		i		1	
Iceland	100	24	10	34	Iceland	4 1	1	1	1	
Norway	100	283	168	451	Norway	4 i	i	i	i i	
Sweden	100	862	538	1,400	Sweden	+ !	1		1	
Ireland	100	204	90	294	Ireland H	4	į.	1	1	
UK England	100	3,526	2,238	5,764	UK England		1	1	1	
UK Northern Ireland	100	117	98	215	UK Northern Ireland	4 1	1	1	1	
UK Scotland	100	636	384	1,020	UK Scotland		i.			
UK Wales	100	184	173	357	UK Wales		1	1	1	
Austria	100	1,670	859	2,529	Austria	F (	i	i i	1	
Belgium	58	332	253	585	Belgium		1	1		
France	11	1,506	310	1,816	France H	F I			1	
Germany	1	171	59	230	Germany 🗌 🛏	-	i.		1	
Netherlands	34	267	134	401	Netherlands 📕	+ !	1	1	1	
Switzerland	27	514	135	649	Switzerland		i	i i	i i	
Italy	25	8,203	3,765	11,968	Italy		1	1		
Malta	100	29	17	46	Maita		i	i i	į.	
Portugal	43	257	92	349	Portugal	₽→↓	1	1	1	
Slovenia	100	210	86	296	Slovenia		1	1	1	
Spain	12	1,517	611	2,128	Spain	Br i	1		1	
Czech Republic	8	51	35	86	Czech Republic		1	1	1	
Poland	6	96	76	172	Poland H		i	į.	i	
TOTAL		21,867	10,951	32,818	EUROPE		1		1	

	Europe, area	-weight	ed obs	erved a	nd rela	tive sur	vival (	%), by a	ge at d	iagnosi	s (years	5)	
		15-4	14	45-	54	55-6	54	65-7	74	75-9	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(98)	0)	(2,54	49)	(6,70	02)	(12,0	35)	(10,5	52)	(32,8	18)
Persons	One year	45.4	45.4	34.9	35.1	34.4	34.8	30.1	31.0	17.7	19.3	28.4	29.5
	Three years	26.3	26.4	18.5	18.8	15.6	16.2	11.7	12.8	5.8	7.7	11.9	13.4
	Five years	22.2	22.4	12.9	13.2	10.2	10.9	6.3	7.4	2.6	4.3	7.1	8.7
Men	One year	43.2	43.3	33.4	33.6	32.4	32.8	30.1	31.1	19.4	21.4	28.7	29.9
	Three years	24.6	24.7	17.5	17.8	14.8	15.5	11.5	12.8	6.6	9.0	12.0	13.5
	Five years	20.6	20.9	12.1	12.5	10.0	10.8	6.2	7.6	2.7	4.6	7.2	8.9
Women	One year	51.2	51.2	39.5	39.6	38.8	39.1	29.6	30.1	15.8	17.0	27.1	28.1
	Three years	32.3	32.4	21.7	21.9	17.5	17.9	11.6	12.3	5.0	6.4	11.2	12.6
	Five years			15.2	15.4	11.2	11.6	6.8	7.5	2.6	4.1	6.8	8.4

COUNTRY	One year	Five years	Conditional
Denmark	13.6 ( 11.4 - 16.2)		
Finland	22.8 ( 20.2 - 25.7)	5.6 ( 4.1 - 7.6)	24.6 ( 18.5 - 32.5)
Iceland	15.9 ( 8.2 - 30.7)	2.3 ( 0.5 - 12.0)	14.8 ( 3.3 - 66.0)
Norway	19.7 ( 16.1 - 24.2)	<b>6.2 (</b> 4.0 - 9.6)	31.5 ( 21.5 - 46.2)
Sweden	24.3 ( 22.0 - 26.9)	8.2 ( 6.6 - 10.1)	33.7 ( 28.0 - 40.5)
Ireland	20.3 ( 16.0 - 25.7)	6.4 ( 3.8 - 10.7)	31.6 ( 20.1 - 49.6)
UK England	23.7 ( 22.6 - 24.9)	7.7 ( 7.0 - 8.6)	32.5 ( 29.7 - 35.7)
UK Northern Ireland	25.3 ( 19.5 - 32.7)	5.1 ( 2.6 - 10.0)	20.2 ( 10.8 - 37.8)
UK Scotland	21.7 ( 19.0 - 24.7)	5.9 ( 4.4 - 8.0)	27.5 ( 20.9 - 36.1)
UK Wales	26.1 ( 21.6 - 31.6)	9.3 ( 6.1 - 14.2)	35.5 ( 24.2 - 52.0)
Austria	25.0 ( 23.3 - 26.9)	9.1 ( 7.8 - 10.5)	36.3 ( 31.8 - 41.4)
Belgium	32.8 ( 29.1 - 37.1)	11.5 ( 8.8 - 15.1)	35.0 ( 27.5 - 44.6)
France	35.5 ( 33.2 - 38.1)	8.5 ( 7.0 - 10.2)	23.9 ( 20.1 - 28.4)
Germany	26.5 ( 21.0 - 33.5)	8.1 ( 5.0 - 12.9)	30.5 ( 20.3 - 45.8)
Netherlands	23.9 ( 20.0 - 28.7)	7.4 ( 5.0 - 10.9)	30.7 ( 21.7 - 43.5)
Switzerland	35.2 ( 31.5 - 39.4)	11.0 ( 8.5 - 14.3)	31.3 ( 24.7 - 39.6)
Italy	38.6 ( 37.5 - 39.6)	10.9 ( 10.2 - 11.7)	28.3 ( 26.5 - 30.1)
Malta	17.5 ( 10.3 - 29.7)	Sector Contractor Contractor	
Portugal	31.2 ( 26.6 - 36.8)	10.8 ( 7.6 - 15.2)	34.5 ( 25.4 - 46.7)
Slovenia	25.6 ( 20.2 - 32.4)	3.4 ( 1.8 - 6.4)	13.4 ( 7.5 - 23.9)
Spain	32.6 ( 30.5 - 34.8)	11.5 ( 10.0 - 13.3)	35.5 ( 31.3 - 40.2)
Czech Republic	17.9 ( 10.8 - 29.6)		
Poland	32.1 ( 25.7 - 40.1)	7.9 ( 4.3 - 14.2)	24.5 ( 14.1 - 42.4
EUROPE	30.0 ( 29.1 - 30.9)	9.1 ( 8.4 - 9.7)	30.2 ( 28.4 - 32.2

#### COUNTRY Coverage Number of cases Women % Men Persons Denmark Finland 1,046 Iceland Norway Sweden 1,188 1,841 Ireland UK England 1,855 2,568 4,423 **UK Northern Ireland UK Scotland UK Wales** Austria 1,241 1,823 Belgium France Germany 1.019 Netherlands Switzerland 1,982 3,329 5,311 Italy Malta Portugal Slovenia 1,449 Spain Czech Republic Poland TOTAL 8,922 14,857 23,779



Europe, area-weighted observed and relative survival (%), by age at diagnosis (years)

		15-4	44	45-	54	55-	64	65-	74	75-9	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(40	9)	(1,44	47)	(3,7	06)	(7,6	16)	(10,6	01)	(23,7	79)
Persons	One year	57.9	58.0	48.0	48.2	40.7	41.1	32.3	33.1	21.9	24.0	30.3	31.9
	Three years	32.5	32.6	24.5	24.8	20.2	20.9	15.3	16.6	8.4	11.3	13.9	16.2
	Five years	24.7	24.9	19.8	20.2	15.5	16.4	11.1	12.7	5.6	9.5	10.1	13.1
Men	One year	60.3	60.4	50.9	51.2	44.5	45.1	36.6	37.9	25.1	28.0	35.6	37.5
	Three years	37.9	38.1	25.4	25.8	22.3	23.2	17.1	19.0	9.0	12.7	16.2	19.1
	Five years	31.1	31.5	21.5	22.2	16.6	18.0	12.1	14.6			11.8	15.6
Women	One year	56.0	56.1	45.7	45.8	38.0	38.3	29.4	30.0	20.5	22.4	27.4	28.7
	Three years	28.5	28.6	24.0	24.3	18.8	19.2	14.2	15.0	8.2	10.8	12.5	14.5
	Five years	19.9	20.0	18.5	18.8	14.8	15.3	10.4	11.5	5.6	9.1	9.1	11.8

COUNTRY	One year	Five years	Conditional
Denmark	28.9 ( 25.3 - 33.1)		<del>.</del>
Finland	33.8 ( 30.7 - 37.3)	11.3 ( 9.1 - 14.0)	<b>33.3 (</b> 27.4 - 40.4
celand	5-1 (J		-
Norway	32.6 ( 28.5 - 37.3)	15.0 ( 11.7 - 19.1)	45.9 ( 37.4 - 56.4
Sweden	29.1 ( 26.7 - 31.7)	10.2 ( 8.7 - 12.0)	35.1 ( 30.5 - 40.4
reland	37.9 ( 33.4 - 43.1)	13.6 ( 10.2 - 18.2)	35.8 ( 27.7 - 46.5
UK England	37.7 ( 36.2 - 39.4)	15.6 ( 14.3 - 17.0)	41.2 ( 38.2 - 44.5
UK Northern Ireland	33.0 ( 26.2 - 41.5)		E.
UK Scotland	39.1 ( 34.9 - 43.8)	16.7 ( 13.3 - 21.0)	42.8 ( 35.0 - 52.2
UK Wales	38.9 ( 33.4 - 45.3)	10.8 ( 7.2 - 16.3)	27.9 ( 19.1 - 40.7
Austria	37.5 ( 34.9 - 40.4)	16.1 ( 14.0 - 18.7)	43.0 ( 37.9 - 48.8
Belgium	50.3 ( 45.5 - 55.6)	21.8 ( 16.6 - 28.5)	43.3 ( 33.7 - 55.6
France	44.5 ( 40.7 - 48.7)	18.6 ( 15.4 - 22.5)	41.7 ( 35.3 - 49.4
Germany	34.5 ( 29.5 - 40.2)	15.7 ( 11.7 - 21.2)	45.7 ( 35.4 - 58.9
Netherlands	37.1 ( 33.8 - 40.7)	<b>11.2 (</b> 9.1 - 13.9)	30.3 ( 24.9 - 36.8
Switzerland	39.6 ( 33.9 - 46.2)	17.7 ( 12.9 - 24.2)	44.7 ( 34.1 - 58.7
Italy	36.1 ( 34.4 - 37.8)	13.8 ( 12.5 - 15.3)	38.3 ( 35.0 - 41.9
Malta	49.5 ( 34.4 - 71.3)	30.0 ( 14.3 - 62.8)	60.6 ( 31.9 - 115.2
Portugal	42.8 ( 37.3 - 49.3)	20.7 ( 15.8 - 27.1)	48.4 ( 38.4 - 61.0
Slovenia	26.6 ( 22.8 - 31.2)	<b>11.3 (</b> 8.3 - 15.2)	42.3 ( 32.7 - 54.7
Spain	33.6 ( 30.7 - 36.8)	15.8 ( 13.4 - 18.6)	47.0 ( 41.0 - 53.8
Czech Republic	27.0 ( 21.9 - 33.3)	<b>12.6 (</b> 8.3 - 19.1)	46.6 ( 32.7 - 66.6
Poland	23.4 ( 20.2 - 27.1)	8.2 ( 6.3 - 10.7)	<b>35.0 (</b> 27.9 - 43.9
EUROPE	35.9 ( 35.0 - 36.8)	14.4 ( 13.7 - 15.1)	40.1 ( 38.4 - 41.9

#### Gallbladder and Biliary tract

#### Pancreas

COUNTRY	Coverage	1	Number of	cases	Age-st	tandaro	dized fiv	e-year rela	ative survi	val (%)	
	%	Men	Women	Persons	0		20	40	60	80	100
Denmark	100	1,442	1,550	2,992	Denmark	н	1	i			
Finland	100	1,387	1,503	2,890	Finland	H.	i i	i		i i	
Iceland	100	58	73	131	Iceland	Ē.	1	1		1	
Norway	100	1,207	1,308	2,515	Norway	+	i.	i	1	1	
Sweden	100	1,855	2,075	3,930	Sweden	H	1	1			
Ireland	100	778	787	1,565	Ireland	-	i.	i i	i	i	
UK England	100	10,829	11,198	22,027	UKEngland	н		1			
<b>UK Northern Ireland</b>	100	327	307	634	UK Northern Ireland		1	1		1	
UK Scotland	100	1,256	1,432	2,688	UKScotland	H	1	i			
UK Wales	100	592	695	1,287	UKWales	H	1	1	1	1	
Austria	100	1,992	2,295	4,287	Austria	н	i.	i	i	i	
Belgium	58	728	803	1,531	Belgium	H		Ì			
France	11	963	787	1,750	France	4	i.	i i	i i	i.	
Germany	1	225	298	523	Germany	H-1	1	i			
Netherlands	34	1,141	1,270	2,411	Netherlands	H	1	1		1	
Switzerland	27	461	482	943	Switzerland	++		i i			
Italy	25	5,169	5,320	10,489	Italy	H	1	ł			
Malta	100	80	79	159	Malta		i.	i	1	i	
Portugal	43	295	271	566	Portugal			1			
Slovenia	100	390	447	837	Slovenia	H	1	1			
Spain	12	1,058	881	1,939	Spain	H	i i	i		1	
Czech Republic	8	251	227	478	Czech Republic	H -	1	1		1	
Poland	6	555	570	1,125	Poland		i	i i			
TOTAL		33,039	34,658	67,697	EUROPE		1				

		15-	44	45-	54	55-	64	65-	74	75-	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(1,5	28)	(5,4	77)	(12,2	57)	(21,3	04)	(27,1	31)	(67,6	97)
Persons	One year	38.4	38.5	28.0	28.1	24.6	24.9	18.2	18.7	11.7	12.8	18.3	19.2
	Three years	22.8	22.9	10.2	10.3	7.2	7.5	5.2	5.6	3.0	4.0	5.6	6.5
	Five years	18.1	18.3	7.4	7.5	5.3	5.7	3.7	4.2	2.0	3.3	4.0	5.1
Men	One year	36.0	36.1	26.8	27.0	22.6	22.9	17.0	17.6	12.3	13.6	18.7	19.5
	Three years	19.8	20.0	10.1	10.3	6.1	6.4	4.8	5.4	2.9	3.9	5.7	6.5
	Five years	14.7	14.9	7.3	7.5	4.7	5.1	3.2	3.9	1.7	3.1	4.0	5.0
Women	One year	41.7	41.7	29.8	29.9	27.8	28.0	19.7	20.0	11.4	12.3	18.0	18.8
	Three years	26.4	26.5	10.2	10.3	9.0	9.1	5.6	5.9	3.1	4.0	5.6	6.4
	Five years	22.9	23.0	7.6	7.7	6.3	6.5	4.1	4.6	21	3.3	4.1	5.1

COUNTRY	One year	Five years	Conditional
Denmark	14.2 ( 12.7 - 15.7)	2.9 ( 2.1 - 4.0)	20.4 ( 15.2 - 27.4
Finland	19.6 ( 18.0 - 21.3)	3.1 ( 2.3 - 4.1)	15.7 ( 12.0 - 20.6
celand	23.1 ( 16.2 - 32.8)	2.1 ( 0.5 - 8.3)	9.3 ( 2.5 - 34.5
Norway	16.3 ( 14.6 - 18.3)	<b>4.5 (</b> 3.4 - 5.9)	27.3 ( 21.3 - 35.2
Sweden	19.2 ( 17.9 - 20.7)	3.9 ( 3.1 - 4.8)	20.1 ( 16.5 - 24.4
reland	14.9 ( 12.9 - 17.1)	6.7 ( 5.2 - 8.6)	45.0 ( 36.7 - 55.2
UK England	16.2 ( 15.6 - 16.8)	4.4 ( 4.0 - 4.8)	27.0 ( 25.1 - 29.1
UK Northern Ireland	12.7 ( 9.9 - 16.1)	3.5 ( 2.0 - 6.1)	27.7 ( 16.8 - 45.7
UK Scotland	16.5 ( 14.9 - 18.3)	3.9 ( 3.0 - 5.1)	23.7 ( 18.4 - 30.4
UK Wales	18.0 ( 15.8 - 20.5)	5.5 ( 4.1 - 7.3)	30.5 ( 23.7 - 39.3
Austria	23.3 ( 21.9 - 24.8)	<b>6.8</b> ( 5.9 - 7.9)	29.4 ( 25.8 - 33.4
Belgium	28.3 ( 26.0 - 30.9)	9.6 ( 8.0 - 11.5)	33.9 ( 28.8 - 39.9
France	24.8 ( 22.7 - 27.1)	7.3 ( 6.0 - 8.9)	29.3 ( 24.5 - 35.1
Germany	24.0 ( 20.3 - 28.4)	5.7 ( 3.6 - 8.8)	23.5 ( 15.6 - 35.4
Netherlands	17.3 ( 15.7 - 19.0)	3.3 ( 2.5 - 4.3)	19.1 ( 14.9 - 24.4
Switzerland	25.4 ( 22.4 - 28.8)	4.4 ( 3.1 - 6.2)	17.3 ( 12.6 - 23.8
Italy	23.5 ( 22.6 - 24.5)	6.2 ( 5.6 - 6.9)	26.4 ( 24.0 - 29.0
Malta	11.5 ( 7.4 - 17.9)	-	<b>1</b>
Portugal	<b>24.0 (</b> 20.6 - 28.1)	7.9 ( 5.7 - 11.1)	33.0 ( 24.6 - 44.3
Slovenia	<b>13.0 (</b> 10.8 - 15.7)	<b>2.2 (</b> 1.3 - 3.7)	16.8 ( 10.1 - 27.8
Spain	19.4 ( 17.6 - 21.4)	5.3 ( 4.3 - 6.6)	27.4 ( 22.5 - 33.3
Czech Republic	19.1 ( 15.5 - 23.4)	7.3 ( 4.7 - 11.4)	38.5 ( 26.0 - 57.0
Poland	17.9 ( 15.7 - 20.5)	5.2 ( 3.9 - 7.0)	29.1 ( 22.2 - 38.1
EUROPE	20.9 ( 20.5 - 21.4)	5.7 ( 5.4 - 6.0)	27.1 ( 25.7 - 28.5

### Nasal cavities and sinuses

Coverage	N	lumber of	cases	Age-s	tandardized fi	ve-year re	lative su	rviva	l (%)
%	Men	Women	Persons		0 20	40	60		80
100	174	113	287	Denmark	LL	- 1	1	-	1
100	77	55	132	Finland		6			1
100	4	8	12	Iceland			1		- 1
100	85	60	145	Norway		, i			1
100	151	102	253	Sweden					
100	65	41	106	Ireland	N <del>i</del>		_		
100	817	588	1,405	UKEngland			-		
100	28	28	56	UK Northern Ireland			+	-	
100	96	75	171	UKScotland					
100	60	49	109	UK Wales		-			1
100	119	91	210	Austria		E .	<b>-</b> i		i.
58	153	50	203	Belgium		-			
11	115	39	154	France		F	i		1
1	23	14	37	Germany	1.	+		-	
34	135	69	204	Netherlands		H	l di		1
27	38	18	56	Switzerland					1
25	369	185	554	Italy		·	- i		1
100	7	2	9	Malta		1			1
43	41	20	61	Portugal					
100	57	30	87	Slovenia			i	-	1
14	102	37	139	Spain		l.			
8	11	5	16	Czech Republic					1
6	36	17	53	Poland		-		-	
	2,763	1,696	4,459	EUROPE					
	Coverage % 100 100 100 100 100 100 100 100 100 1	Coverage Men   % Men   100 174   100 77   100 4   100 85   100 151   100 85   100 151   100 85   100 817   100 28   100 96   100 60   100 119   58 153   11 115   1 23   34 135   27 38   25 369   100 7   43 41   100 57   14 102   8 11   6 36   2,763	Coverage Number of Men Women   100 174 113   100 77 55   100 4 8   100 85 60   100 151 102   100 65 41   100 817 588   100 28 28   100 96 75   100 60 49   100 119 91   58 153 50   11 115 39   1 23 14   34 135 69   27 38 18   25 369 185   100 7 2   43 41 20   100 57 30   14 102 37   8 11 5   6 36 17   2,763 1,696	Coverage Number of cases   % Men Women Persons   100 174 113 287   100 77 55 132   100 4 8 12   100 4 8 12   100 4 8 12   100 85 60 145   100 151 102 253   100 65 41 106   100 817 588 1,405   100 28 28 56   100 96 75 171   100 60 49 109   100 119 91 210   58 153 50 203   11 15 39 154   1 23 14 37   34 135 69 204   27 38 18 56   25 369 <td>Coverage Number of cases Ages   % Men Women Persons   100 174 113 287 Denmark   100 77 55 132 Finland   100 4 8 12 Iceland   100 45 60 145 Norway   100 151 102 253 Sweden   100 65 41 106 Ireland   100 817 588 1,405 UKEngland   100 28 28 56 UK Northern Ireland   100 96 75 171 UK Scotland   100 119 91 210 Austria   58 153 50 203 Belgium   111 115 39 154 France   1 23 14 37 Germany   34 135 69 204 Netherlands   27 38</td> <td>Coverage Number of cases Age-standardized fill   % Men Women Persons 0 20   100 174 113 287 Denmark 100   100 77 55 132 Finland 100   100 4 8 12 Iceland 100   100 45 60 145 Norway 100   100 65 41 106 Ireland 100   100 817 588 1,405 UKEngland 100   100 817 588 1,405 UK Northern Ireland 100   100 96 75 171 UK Scotland 100 100 119 91 210 Austria 100 110 115 39 154 France 100 111 115 39 154 France 100 100 7 2 9 Malta 100 14 135 69 204</td> <td>Coverage Number of cases Age-standardized five-year regiment   % Men Women Persons   100 174 113 287   100 77 55 132   100 4 8 12   100 4 8 12   100 4 8 12   100 151 102 253   Sweden Ireland Ireland   100 85 60 145   100 151 102 253 Sweden   100 817 588 1,405 UKEngland   100 28 28 56 UK Northern Ireland   100 96 75 171 UK Scotland   100 19 91 210 Austria   58 153 50 203 Belgium   11 115 39 154 France   1 23 14 37 Germany&lt;</td> <td>Coverage Number of cases Age-standardized five-year relative su   <math>\%</math> Men Women Persons   <math>100</math> 174 113 287   <math>100</math> 77 55 132   <math>100</math> 4 8 12   <math>100</math> 4 8 12   <math>100</math> 4 8 12   <math>100</math> 151 102 253   <math>58</math> 60 145   <math>100</math> 65 41   <math>100</math> 817 588 1,405   <math>100</math> 96 75 171   <math>00</math> 817 588 1,405   <math>00</math> 19 109 UK Northern Ireland   <math>100</math> 96 75 171   <math>00</math> 19 109 UK Wales   <math>110</math> 115 39 154   <math>123</math> 14 37   <math>123</math> 14 37   <math>100</math> 7 2   <math>125</math><td>Coverage Number of cases Age-standardized five-year relative surviva   <math>\%</math> Men Women Persons   <math>100</math> 174 113 287   <math>100</math> 77 55 132   <math>100</math> 4 8 12   <math>100</math> 4 8 12   <math>100</math> 4 8 12   <math>100</math> 5 60 145   <math>100</math> 151 102 253   <math>100</math> 65 41 106   <math>100</math> 65 41 106   <math>100</math> 817 588 1,405 UK Northern Ireland   <math>100</math> 96 75 171 UK Scotland   <math>100</math> 19 91 210 Austria   <math>100</math> 19 9154 France   <math>1</math> 23 14 37 Germany   <math>34</math> 135 69 204 Netherlands   <math>27</math> 38 18 56 Sw</td></td>	Coverage Number of cases Ages   % Men Women Persons   100 174 113 287 Denmark   100 77 55 132 Finland   100 4 8 12 Iceland   100 45 60 145 Norway   100 151 102 253 Sweden   100 65 41 106 Ireland   100 817 588 1,405 UKEngland   100 28 28 56 UK Northern Ireland   100 96 75 171 UK Scotland   100 119 91 210 Austria   58 153 50 203 Belgium   111 115 39 154 France   1 23 14 37 Germany   34 135 69 204 Netherlands   27 38	Coverage Number of cases Age-standardized fill   % Men Women Persons 0 20   100 174 113 287 Denmark 100   100 77 55 132 Finland 100   100 4 8 12 Iceland 100   100 45 60 145 Norway 100   100 65 41 106 Ireland 100   100 817 588 1,405 UKEngland 100   100 817 588 1,405 UK Northern Ireland 100   100 96 75 171 UK Scotland 100 100 119 91 210 Austria 100 110 115 39 154 France 100 111 115 39 154 France 100 100 7 2 9 Malta 100 14 135 69 204	Coverage Number of cases Age-standardized five-year regiment   % Men Women Persons   100 174 113 287   100 77 55 132   100 4 8 12   100 4 8 12   100 4 8 12   100 151 102 253   Sweden Ireland Ireland   100 85 60 145   100 151 102 253 Sweden   100 817 588 1,405 UKEngland   100 28 28 56 UK Northern Ireland   100 96 75 171 UK Scotland   100 19 91 210 Austria   58 153 50 203 Belgium   11 115 39 154 France   1 23 14 37 Germany<	Coverage Number of cases Age-standardized five-year relative su $\%$ Men Women Persons $100$ 174 113 287 $100$ 77 55 132 $100$ 4 8 12 $100$ 4 8 12 $100$ 4 8 12 $100$ 151 102 253 $58$ 60 145 $100$ 65 41 $100$ 817 588 1,405 $100$ 96 75 171 $00$ 817 588 1,405 $00$ 19 109 UK Northern Ireland $100$ 96 75 171 $00$ 19 109 UK Wales $110$ 115 39 154 $123$ 14 37 $123$ 14 37 $100$ 7 2 $125$ <td>Coverage Number of cases Age-standardized five-year relative surviva   <math>\%</math> Men Women Persons   <math>100</math> 174 113 287   <math>100</math> 77 55 132   <math>100</math> 4 8 12   <math>100</math> 4 8 12   <math>100</math> 4 8 12   <math>100</math> 5 60 145   <math>100</math> 151 102 253   <math>100</math> 65 41 106   <math>100</math> 65 41 106   <math>100</math> 817 588 1,405 UK Northern Ireland   <math>100</math> 96 75 171 UK Scotland   <math>100</math> 19 91 210 Austria   <math>100</math> 19 9154 France   <math>1</math> 23 14 37 Germany   <math>34</math> 135 69 204 Netherlands   <math>27</math> 38 18 56 Sw</td>	Coverage Number of cases Age-standardized five-year relative surviva $\%$ Men Women Persons $100$ 174 113 287 $100$ 77 55 132 $100$ 4 8 12 $100$ 4 8 12 $100$ 4 8 12 $100$ 5 60 145 $100$ 151 102 253 $100$ 65 41 106 $100$ 65 41 106 $100$ 817 588 1,405 UK Northern Ireland $100$ 96 75 171 UK Scotland $100$ 19 91 210 Austria $100$ 19 9154 France $1$ 23 14 37 Germany $34$ 135 69 204 Netherlands $27$ 38 18 56 Sw

							-						
	Europe, area	a-weight	ed obs	erved a	nd rela	tive su	rvival (	%), by a	ige at d	iagnosi	is (years	5)	
		15-4	14	45-	54	55-	64	65-	74	75-9	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	re
		(40	1)	(57	7)	(89	9)	(1,32	20)	(1,26	62)	(4,4	59)
Persons	One year	82.4	82.5	81.6	82.0	81.7	82.7	75.5	77.5	61.5	67.7	74.8	77.
	Three years	62.0	62.3	59.2	60.1	56.2	58.4	52.7	57.4	33.4	45.2	50.5	56.
	Five years	57.2	57.7	50.5	51.9	45.1	48.2	41.9	48.8	21.8	37.2	40.2	48.
Men	One year	82.1	82.3	79.3	79.7	79.7	80.8	74.3	76.7	62.9	70.2	74.9	77.
	Three years	59.4	59.8	57.4	58.3	53.1	55.4	51.9	57.5	34.2	48.0	50.3	55.
	Five years	55.2	55.7	48.6	50.0	41.9	45.1	41.5	49.7	21.1	37.9	39.8	47.
Women	One year			84.8	85.0	87.9	88.5	76.4	77.7	59.7	64.9	74.6	77.
	Three years			63.6	64.1	66.1	67.6	53.2	56.2	32.6	42.4	50.6	56.
	Five years			55.4	56.3	56.3	58.5	42.7	47.2	23.2	36.8	40.7	48.
standardi	zed 1-vr and 5-v	vr relativ	e survi	val (95%	6 confi	dence i	nterval	s) and a	at 5 vrs	conditi	ional on	survivi	na 1
COUNTR	Y		On	e year			Fiv	e years			Co	nditiona	1
Denmark	6	8	5.6 ( 8	1.1 - 9	0.3)	,	60.8 (	53.9 -	68.5)		71.0 (	63.8 -	79.1)

COUNTRY	One year	Five years	Conditional
Denmark	85.6 (81.1 - 90.3)	60.8 ( 53.9 - 68.5)	71.0 ( 63.8 - 79.1)
Finland	77.6 ( 70.1 - 85.8)	40.9 ( 31.9 - 52.4)	52.7 ( 42.1 - 66.1)
Iceland	58.0 ( 36.7 - 91.7)	-	
Norway	83.7 (77.1 - 90.9)	56.1 ( 46.4 - 67.8)	67.0 ( 56.5 - 79.5)
Sweden	78.7 (73.5 - 84.3)	54.7 ( 47.8 - 62.5)	69.5 ( 61.9 - 77.9)
Ireland	66.9 ( 58.0 - 77.2)	34.4 ( 25.3 - 46.8)	51.4 ( 39.1 - 67.6)
UK England	73.5 ( 71.0 - 76.0)	46.3 ( 43.1 - 49.6)	63.0 ( 59.2 - 67.0)
<b>UK Northern Ireland</b>	84.0 (73.6 - 95.8)	67.8 ( 52.4 - 87.8)	80.8 ( 64.7 - 100.9)
UK Scotland	74.6 ( 67.9 - 81.9)	<b>53.8 (</b> 45.0 - 64.4 <b>)</b>	72.2 ( 61.9 - 84.1)
UK Wales	77.3 ( 69.0 - 86.6)	<b>53.8 (</b> 42.5 - 68.1)	69.6 ( 56.6 - 85.6)
Austria	76.4 ( 69.8 - 83.7)	41.4 ( 33.4 - 51.2)	54.1 ( 44.7 - 65.6)
Belgium	<b>75.9 (</b> 69.3 - 83.0)	<b>48.0</b> ( 39.7 - 58.1)	63.3 ( 53.5 - 74.8)
France	78.1 (71.1 - 85.8)	46.3 ( 37.8 - 56.9)	59.3 ( 49.5 - 71.2)
Germany	66.4 ( 53.9 - 81.9)	46.9 ( 32.0 - 68.8)	70.6 ( 51.2 - 97.4)
Netherlands	77.5 (71.4 - 84.1)	49.6 ( 41.7 - 59.2)	64.1 ( 54.9 - 74.8)
Switzerland	84.0 (74.4 - 94.8)	49.7 ( 35.7 - 69.2)	<b>59.2 (</b> 43.5 - 80.5)
Italy	78.5 (74.9 - 82.3)	47.1 ( 42.3 - 52.4)	<b>59.9 (</b> 54.5 - 66.0)
Malta	5°="	-	-
Portugal	77.9 ( 67.1 - 90.5)	-	÷.
Slovenia	65.8 ( 54.6 - 79.4)	<b>45.1 (</b> 30.8 - 66.0)	68.5 ( 49.1 - 95.5)
Spain	79.5 ( 72.0 - 87.7)	45.2 ( 35.5 - 57.5)	56.8 ( 45.6 - 70.8)
Czech Republic	-	÷.	
Poland	<b>79.6 (</b> 68.0 - 93.2)	44.0 ( 28.7 - 67.6)	55.3 ( 37.1 - 82.5)
EUROPE	76.8 ( 74.7 - 78.9)	46.3 ( 43.6 - 49.2)	60.3 ( 57.1 - 63.6)

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#### Larynx



		15-4	44	45-	54	55-	64	65-	74	75-	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(1,1;	35)	(5,0	14)	(8,7)	23)	(9,7	17)	(5,39	99)	(29,9	88)
Persons	One year	88.2	88.4	86.7	87.1	86.9	87.9	83.5	86.1	72.0	78.7	83.5	85.9
	Three years	72.3	72.9	69.6	70.7	68.4	71.2	64.3	70.9	48.4	64.4	64.4	70.2
	Five years	68.2	69.0	62.5	64.4	59.8	64.2	52.7	62.6	35.9	59.6	54.7	63.4
Men	One year	87.6	87.8	86.3	86.8	86.5	87.6	83.5	86.2	73.7	81.0	83.6	86.0
	Three years	71.9	72.4	68.9	70.1	67.9	70.8	63.9	70.8	48.8	65.7	64.1	70.1
	Five years	67.7	68.6	61.4	63.3	59.3	63.9	52.4	62.9	35.9	60.8	54.3	63.3
Women	One year	92.1	92.2	89.3	89.6	90.3	90.8	84.6	86.0	63.3	67.8	83.5	85.2
	Three years	76.5	76.8	75.2	75.9	73.4	74.8	69.1	72.8	47.4	59.0	67.2	71.7
	Five years	72.4	72.9	71.4	72.5	65.1	67.5	56.4	62.2	37.3	55.5	58.5	65.4

COUNTRY	One year	Five years	Conditional
Denmark	81.7 ( 78.9 - 84.5)	<b>59.1 (</b> 55.0 - 63.5)	72.4 ( 67.9 - 77.2)
Finland	86.7 ( 83.0 - 90.6)	60.7 ( 54.7 - 67.4)	70.0 ( 63.7 - 76.9
Iceland	95.3 ( 84.2 - 107.7)	58.1 ( 40.0 - 84.4)	61.0 ( 42.8 - 86.8
Norway	82.3 ( 78.6 - 86.1)	67.2 ( 61.9 - 73.0)	81.7 ( 76.2 - 87.5
Sweden	90.4 (87.9 - 93.0)	70.5 ( 66.1 - 75.1)	77.9 ( 73.6 - 82.6
Ireland	79.8 ( 75.9 - 83.8)	61.0 ( 55.5 - 67.1)	76.5 ( 70.6 - 83.0
UK England	83.7 ( 82.8 - 84.7)	63.9 ( 62.4 - 65.5)	76.4 ( 74.8 - 78.0
UK Northern Ireland	85.9 (81.4 - 90.7)	65.2 ( 57.6 - 73.8)	75.9 ( 67.9 - 84.9
UK Scotland	82.9 ( 80.4 - 85.5)	<b>64.0 (</b> 60.1 - 68.1)	77.2 ( 73.1 - 81.5
UK Wales	83.0 ( 79.4 - 86.8)	62.4 ( 57.0 - 68.2)	75.1 ( 69.5 - 81.2
Austria	83.7 ( 81.0 - 86.4)	63.6 ( 59.2 - 68.4)	76.0 ( 71.3 - 81.1
Belgium	84.5 ( 81.7 - 87.3)	<b>58.7 (</b> 54.4 - 63.4)	69.5 ( 64.9 - 74.5
France	81.7 ( 78.6 - 84.8)	54.6 ( 50.3 - 59.3)	66.9 ( 62.2 - 72.0
Germany	87.2 ( 81.7 - 92.9)	58.5 ( 49.2 - 69.6)	67.1 ( 57.1 - 78.9
Netherlands	92.2 ( 90.1 - 94.4)	75.7 (71.6 - 80.1)	82.1 ( 78.0 - 86.4
Switzerland	86.6 (81.9 - 91.4)	61.5 ( 54.6 - 69.3)	71.1 ( 63.9 - 79.0
Italy	89.3 ( 88.3 - 90.4)	70.2 ( 68.4 - 72.0)	78.6 ( 76.8 - 80.4
Malta	87.1 ( 78.0 - 97.2)	76.8 ( 60.4 - 97.5)	88.2 ( 71.3 - 109.1
Portugal	78.0 ( 73.3 - 83.1)	49.2 ( 42.3 - 57.1)	63.0 ( 55.0 - 72.2
Slovenia	84.1 ( 78.4 - 90.2)	64.8 ( 55.5 - 75.6)	77.0 ( 67.1 - 88.4
Spain	84.7 ( 82.7 - 86.6)	<b>63.8 (</b> 60.9 - 66.9)	<b>75.4 (</b> 72.3 - 78.6
Czech Republic	79.0 ( 69.9 - 89.2)	61.2 ( 47.4 - 79.2)	77.6 ( 61.9 - 97.2
Poland	75.0 ( 70.8 - 79.5)	47.9 ( 42.3 - 54.2)	63.8 ( 57.2 - 71.3
EUROPE	84.7 (83.9 - 85.4)	62.8 ( 61.6 - 64.0)	74.1 ( 72.9 - 75.4

### Lung, bronchus and trachea

COUNTRY	Coverage	1	Number of	cases	Age-
	%	Men	Women	Persons	
Denmark	100	9,003	6,282	15,285	Denmark
Finland	100	6,579	1,883	8,462	Finland
Iceland	100	271	235	506	Iceland
Norway	100	5,578	2,863	8,441	Norway
Sweden	100	6,968	4,496	11,464	Sweden
Ireland	100	4,665	2,576	7,241	Ireland
UK England	100	81,677	47,077	128,754	UKEngland
<b>UK Northern Ireland</b>	100	2,543	1,563	4,106	UK Northern Ireland
UK Scotland	100	12,308	8,583	20,891	UK Scotland
UK Wales	100	4,578	2,631	7,209	UK Wales
Austria	100	10,522	4,081	14,603	Austria
Belgium	58	8,783	1,614	10,397	Belgium
France	11	6,241	1,104	7,345	France
Germany	1	2,424	675	3,099	Germany
Netherlands	34	11,185	3,497	14,682	Netherlands
Switzerland	30	3,082	1,083	4,165	Switzerland
Italy	25	35,640	8,695	44,335	Italy
Malta	100	501	80	581	Malta
Portugal	43	2,084	398	2,482	Portugal
Slovenia	100	3,600	801	4,401	Slovenia
Spain	15	10,215	1,119	11,334	Spain
Czech Republic	8	1,996	424	2,420	Czech Republic
Poland	6	4,549	2,003	6,552	Poland
TOTAL		234.992	103,763	338,755	EUROPE



Europe, area-weighted observed and relative survival (%), by age at diagnosis (years) 15-44 45-54 55-64 75-99 All adults 65-74 obs obs rel obs rel obs rel obs rel obs rel rel (338,755) (7,203)(30, 267)(71,658) (128,946) (100, 681)Persons One year 47.5 47.6 43.8 44.1 41.0 41.5 34.9 36.0 23.3 25.4 34.9 36.1 Three years 25.0 25.2 19.6 19.9 17.6 18.3 13.6 15.0 7.3 9.6 14.0 15.6 Five years 21.4 21.6 15.7 16.1 13.2 14.1 9.5 11.2 4.3 7.0 10.1 12.2 35.6 40.0 40.5 35.6 23.3 Men One year 43.8 43.9 427 42 9 34 4 25.6 34.3 21.8 22.0 18.7 19.0 16.7 17.5 13.2 14.6 6.9 13.3 15.0 Three years 9.3 Five years 18.4 18.7 14.8 15.2 12.3 13.3 8.9 10.8 4.0 6.8 9.4 11.6 36.9 37.6 23.2 36.9 37.9 Women One year 54.2 54.3 47.0 47.1 44.8 45.1 24.9 30.8 22.1 22.3 21.0 21.5 15.5 16.4 10.4 16.2 17.6 Three years 30.9 8.3 Five years 26.9 27.0 18.0 18.3 16.2 16.8 11.6 12.8 5.1 7.6 12.3 14.2

COUNTRY	One year	Five years	Conditional
Denmark	27.1 ( 26.4 - 27.9)	7.9 ( 7.4 - 8.4)	29.1 ( 27.4 - 30.9
Finland	36.7 ( 35.6 - 37.9)	<b>9.7 (</b> 8.9 - 10.5)	26.3 ( 24.4 - 28.4
Iceland	36.8 ( 32.7 - 41.4)	15.0 ( 11.9 - 18.8)	40.6 ( 33.4 - 49.5
Norway	32.3 ( 31.2 - 33.4)	10.9 ( 10.1 - 11.7)	33.8 ( 31.6 - 36.1
Sweden	36.8 ( 35.8 - 37.8)	<b>13.0 (</b> 12.2 - 13.7)	35.2 ( 33.5 - 37.1
reland	26.5 ( 25.4 - 27.7)	<b>9.8 (</b> 8.9 - 10.7)	37.0 ( 34.1 - 40.1
UK England	26.9 ( 26.6 - 27.2)	8.4 ( 8.2 - 8.6)	31.3 ( 30.6 - 32.0
UK Northern Ireland	28.7 ( 27.1 - 30.3)	10.2 ( 9.1 - 11.5)	35.7 ( 32.2 - 39.7
UK Scotland	28.4 ( 27.6 - 29.1)	<b>8.0 (</b> 7.5 - 8.6)	28.3 ( 26.6 - 30.0
UK Wales	28.2 ( 26.9 - 29.5)	<b>9.0 (</b> 8.1 - 10.0)	32.0 ( 29.2 - 35.2
Austria	37.4 ( 36.6 - 38.3)	<b>14.4 (</b> 13.7 - 15.1)	38.4 ( 36.8 - 40.0
Belgium	41.1 ( 40.1 - 42.2)	<b>16.5 (</b> 15.6 - 17.3)	40.0 ( 38.2 - 41.9
France	42.2 ( 41.0 - 43.4)	<b>12.9 (</b> 12.0 - 13.8)	<b>30.6 (</b> 28.7 - 32.6
Germany	35.0 ( 33.2 - 36.9)	13.2 ( 11.8 - 14.9)	37.9 ( 34.1 - 42.1
Netherlands	38.2 ( 37.4 - 39.1)	13.4 ( 12.7 - 14.0)	<b>35.0 (</b> 33.5 - 36.6
Switzerland	39.5 ( 38.0 - 41.1)	13.9 ( 12.7 - 15.1)	35.1 ( 32.5 - 38.0
Italy	40.0 ( 39.5 - 40.5)	12.8 ( 12.4 - 13.2)	32.0 ( 31.1 - 32.9
Malta	27.9 ( 24.1 - 32.2)	8.7 ( 6.3 - 12.1)	31.4 ( 23.4 - 42.1
Portugal	<b>35.7 (</b> 33.7 - 37.7)	<b>12.8 (</b> 11.4 - 14.5)	36.0 ( 32.3 - 40.1
Slovenia	31.6 ( 30.1 - 33.2)	<b>8.8 (</b> 7.9 - 9.8)	27.9 ( 25.3 - 30.8
Spain	34.2 ( 33.3 - 35.2)	10.7 ( 10.1 - 11.4)	31.3 ( 29.6 - 33.0
Czech Republic	35.1 ( 32.9 - 37.3)	8.2 ( 6.9 - 9.7)	23.3 ( 19.9 - 27.3
Poland	32.0 ( 30.7 - 33.3)	9.2 ( 8.4 - 10.1)	28.8 ( 26.4 - 31.4
EUROPE	36.0 ( 35.7 - 36.2)	12.0 ( 11.8 - 12.2)	33.3 ( 32.8 - 33.8

#### Pleura

COUNTRY	Coverage	Number of cases		Age-stand	dardized fiv	e-year rela	ative survi	val (%)		
	%	Men	Women	Persons	0	20	40	60	80	100
Denmark	100	342	65	407	Denmark		1	1		-1
Finland	100	210	70	280	Finland					
lceland	100	7	1	8	Iceland					
Norway	100	266	41	307	Norway	- i		i	1	
Sweden	100	422	60	482	Sweden					
Ireland	100	85	17	102	Ireland	i	i	- i -	i	
UK England	100	4,612	961	5,573	UK England					
UK Northern Ireland	100	134	18	152	UK Northern Ireland		1			
UK Scotland	100	621	115	736	UK Scotland			i.		
UK Wales	100	178	24	202	UK Wales	- !	1	1		
Austria	100	184	92	276	Austria		i	i i	1	
Belgium	58	271	87	358	Belgium H	F (				
France	11	178	42	220	France H	-	i i	i i	i	
Germany	1	51	7	58	Germany					
Netherlands	34	525	85	610	Netherlands H			1	1	
Switzerland	27	106	22	128	Switzerland			1		
Italy	25	1,126	415	1,541	Italy Italy	F I			1	
Malta	100	17	2	19	Malta					
Portugal	43	36	20	56	Portugal					
Slovenia	100	50	27	77	Slovenia 🖡 🛶	1	i		i	
Spain	12	136	42	178	Spain 🕞					
Czech Republic	8	15	7	22	Czech Republic		(			
Poland	6	29	27	56	Poland					
TOTAL		9,601	2,247	11,848	EUROPE	4 ¦		1		

	Europe, area	-weight	ed obs	erved a	nd rela	tive su	vival (	%), by a	ge at d	iagnosi	is (years	5)	
		15-4	14	45-	54	55-6	54	65-7	74	75-9	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(22	1)	(1,23	37)	(2,90	00)	(4,16	52)	(3,32	28)	(11,8	48)
Persons	One year	57.7	57.8	48.6	48.8	44.0	44.5	34.1	35.1	23.8	25.9	36.0	37.3
	Three years	29.8	30.0	17.1	17.3	10.9	11.3	8.0	8.9	4.1	5.4	9.3	10.4
	Five years	24.2	24.5	12.3	12.7	7.5	8.1			2.1	3.4	6.0	7.3
Men	One year	58.4	58.6	49.1	49.3	44.6	45.1	31.8	32.8	24.9	27.4	36.2	37.6
	Three years	27.8	28.0	16.6	16.9	10.7	11.2	5.9	6.5	2.9	3.9	8.3	9.4
	Five years					7.4	8.1	2.9	3.5	1.0	1.7	5.3	6.5
Women	One year	54.1	54.1	46.2	46.3	44.6	44.9	38.7	39.4	22.4	24.0	35.4	36.5
	Three years	32.7	32.8	18.8	19.0	13.8	14.0	14.7	15.6	7.2	8.9	13.0	14.3
	Five years	25.4	25.5	15.3	15.6	9.7	10.1			4.8	7.2	8.5	10.1

COUNTRY	One year	Five years	Conditional
Denmark	39.3 ( 34.4 - 44.9)		
Finland	39.7 ( 34.1 - 46.2)	7.5 ( 4.2 - 13.4)	19.0 ( 10.8 - 33.2)
Iceland	1001 1001 100 100	-	*
Norway	32.3 ( 26.8 - 38.9)	<b>3.5 (</b> 1.3 - 9.5)	10.9 ( 4.2 - 28.8)
Sweden	42.7 ( 38.0 - 48.0)	-	
Ireland	22.3 ( 15.6 - 31.8)	6.0 ( 2.9 - 12.5)	<b>27.0 (</b> 14.3 - 51.0)
UK England	31.8 ( 30.4 - 33.3)	4.9 ( 4.1 - 5.8)	15.4 ( 13.0 - 18.2)
UK Northern Ireland	29.1 ( 22.6 - 37.4)	4.9 ( 2.0 - 11.8)	16.9 ( 7.3 - 39.1)
UK Scotland	32.5 ( 27.1 - 39.1)	2.0 ( 1.1 - 3.5)	6.1 ( 3.6 - 10.3)
UK Wales	29.6 ( 23.2 - 37.9)	3.5 ( 1.4 - 8.8)	<b>11.8 (</b> 4.8 - 28.9)
Austria	40.7 ( 35.1 - 47.4)	11.7 ( 7.9 - 17.2)	28.6 ( 20.0 - 41.1)
Belgium	39.2 ( 34.3 - 44.9)	7.9 ( 5.2 - 12.0)	20.2 ( 13.6 - 29.9)
France	37.2 ( 31.2 - 44.5)	5.4 ( 2.6 - 11.1)	14.5 ( 7.1 - 29.3
Germany	34.2 ( 24.0 - 48.5)	2 <b>-</b>	-
Netherlands	38.3 ( 34.2 - 42.8)	<b>4.6 (</b> 2.8 - 7.5)	12.0 ( 7.4 - 19.4)
Switzerland	40.3 ( 32.7 - 49.6)	10.3 ( 6.0 - 17.8)	25.6 ( 15.4 - 42.4
Italy	44.7 ( 42.2 - 47.4)	8.1 ( 6.6 - 9.9)	18.1 ( 14.9 - 22.0)
Malta		•	-
Portugal	32.3 ( 23.3 - 44.9)		-
Slovenia	<b>26.6 (</b> 18.7 - 37.8)	1.0 ( 0.2 - 6.4)	3.8 ( 0.6 - 23.4)
Spain	28.9 ( 22.8 - 36.5)	6.0 ( 3.3 - 11.1)	20.8 ( 11.8 - 36.6)
Czech Republic	24.2 ( 13.5 - 43.4)	5.1 ( 0.8 - 30.4)	21.0 ( 3.9 - 113.9)
Poland	33.4 ( 22.9 - 48.7)		
EUROPE	37.8 ( 36.2 - 39.6)	7.1 ( 6.1 - 8.2)	18.7 ( 16.3 - 21.5)

Germany \*

Netherlands

Switzerland

ltaly Malta

Portugal

Slovenia

Czech Republic

Spain

### Bone and cartilages

COUNTRY	Coverage	1	Number of	cases				Age-s	tandardi	zed five	-уеаг ге	lative si	urvival (9	%)	
	%	Men	Women	Perso	ons			(	0	20	40	60	8	00	100
Denmark	100	119	79	1	98		Der	nmark		- A-		-		1	
Finland	100	91	62	1	53		F	inland				1		1	
Iceland	100	7	7		14		Ic	eland						1	
Norway	100	83	59	1	42		N	orway		1	1			1	
Sweden	100	162	106	2	268		Sv	veden		-1.	L.		H-I	1	
Ireland	100	73	45	1	18		Ir	eland			1			1	
UK England	100	877	627	1,5	504		UKEn	gland		3	<u> </u>			1	
<b>UK Northern Irelan</b>	<b>d</b> 100	35	20		55	UKNO	orthern Ir	eland		- 12	*			Ĺ,	
UK Scotland	100	98	79	1	77		UKSc	otland			÷.				
UK Wales	100	43	50		93		UK	Wales					_	i -	
Austria	100	133	94	2	227		A	ustria							
Belgium	58	98	93	1	91		Be	laium		3	67	-	4	1	
France	11	85	64	1	49		F	rance						1	
Germany	1	18	19		37		Ger	many					_	1	
Netherlands	34	115	96	2	211		Nethe	rlands		2.		-			
Switzerland	27	32	34		66		Switze	erland		3		F T		[	
Italy	25	331	277	F	508		- max	Italy			*				
Malta	100	10	6	10	16			Malta			1	┓┤╎	_	1	
Portugal	43	48	46		94		Po	rtunal			<u> </u>				
Slovenia	100	37	27		64		SIO	venia						1	
Spain	12	121	03		04		010	Snain		<u>)</u>			6		
Crech Popublic	8	16	12	2	28	C	zech Re	nublic		1	1		1	1	
Deland	6	52	24		20	0	2001110	Poland		1		. 11		1	
	0	2 694	2 020	17	12		EU		200000000000000000000000000000000000000	*****	1			1	
TOTAL		2,004	2,029	4,7	15		EOI	NOFE -						:	
	Eu	rope, ar	ea-weight	ed obse	erved ar	nd rela	tive sur	rvival (	%), by a	ge at d	iagnosi	is (years	5)		
			15-4	14	45-5	4	55-6	64	65-7	74	75-9	99	All ad	lults	
			obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	
			(2,15	56)	(588	3)	(62	7)	(72	1)	(62	1)	(4,7	13)	
	Persons O	ne vear	89.5	89.6	82 1	82.4	774	78.1	65.2	66.8	537	58.4	78.3	79.6	
	Thre	e vears	69.8	70.0	68.5	69.4	63.5	65.5	46.6	50.6	35.3	46.4	60.6	63.7	
	Fiv	e vears	63.9	64.2	63.0	64.4	53.5	56.4	41.5	48.0	22.2	36.5	53.8	58 5	
	110	e years	00.0	04.2	00.0	04.4	00.0	50.4	41.0	40.0	22.2	50.5	00.0	50.5	
	Men O	ne year	88.2	88.4	78.4	78.8	69.2	70.1	62.6	64.6	50.1	55.6	76.8	78.1	
	Thre	e years	67.2	67.4	63.3	64.3	57.4	59.7	43.9	48.6	28.4	39.4	58.3	61.2	
	Fiv	e years	60.3	60.7	55.8	57.4	46.7	50.0	37.6	45.0	16.3	29.4	50.6	55.0	
	Women O	ne vear	91.1	911	86.4	86.6	87.8	88.3	67.9	69 1	58.5	62.8	80.4	81.6	
	Thre	e vears	73.4	73.5	74.3	75.0	71.8	73.2	50.1	52.9	41 1	51.8	63.7	66.9	
	Fiv	o voare	68.8	69.0	71.0	73.0	63.2	65 4	46.5	51 4	26.8	41.2	57.9	63.0	
- <u></u>		e years		03.0	11.5	13.0		03.4		51.4	20.0	41.2	57.5	05.0	
Age-	standardized 1-	yr and 5	-yr relative	e surviv	val (95%	confi	dence i	nterva	ls) and a	at 5 yrs	conditi	onal on	survivi	ng 1 ye	ar
	COUNTRY			One	e year			Fiv	ve years			Co	nditiona	a	
	Denmark		76	5.3 ( 70	0.1 - 83	.1)	1	59.6 (	52.0 - 6	58.3)		78.1 (	70.2 - 8	36.9)	
	Finland		81	1.5 ( 78	5.2 - 88	.2)	(	60.3 (	51.7 - 7	70.3)		74.0 (	64.9 - 8	34.4)	
	Iceland			•				-							
	Norway		78	3.1 ( 70	0.7 - 86	.2)		57.8 (	48.8 - 6	58.5)		74.0 (	64.5 - 8	35.0)	
	Sweden		84	4.0 ( 79	9.1 - 89	.2)	(	62.8 (	56.1 - 7	70.3)		74.7 (	67.9 - 8	92.3 <b>)</b>	
	Ireland		69	9.9 ( 6	1.1 - 80	.0)	!	52.8 (	42.7 - 6	65.3)		75.5 (	64.2 - 8	58.9 <b>)</b>	
	UK England		73	3.2 ( 70	0.7 - 75	.8)		52.6 (	49.6 - 3	55.9)		71.9 (	68.5 -	75.4)	
	UK Northern Ir	eland	87	.9 ( 78	3.0 - 99	.0)	(	66.9 (	53.0 - 8	34.4)		76.1 (	62.4 - 9	93.0)	
	<b>UK Scotland</b>		78	3.7 ( 7	1.7 - 86	.5)	!	57.0 (	48.2 - 6	67.3)		72.3 (	63.0 - 8	33.1)	
	UK Wales		73	3.2 ( 63	3.7 - 84	.1)	1	57.6 (	46.6 - 7	71.1)		78.6 (	67.0 - 9	92.3)	
	Austria		77	.5 ( 7	1.1 - 84	.5)	(	64.1 (	55.6 - 7	73.8)		82.6 (	73.8 - 9	92.5)	
	Belgium		75	5.9 ( 69	9.6 - 82	.8)		57.7 (	50.4 - 6	56.1)		76.0 (	68.5 - 8	84.4)	
	France		82	2.2 ( 7	5.1 - 89	.9)	-	59.5 (	50.1 - 7	70.6)		72.4 (	62.5 - 8	83.7)	

o Loon nopulation	00.0 ( 00.1	00.0		
Poland	69.7 ( 59.7	- 81.4)	33.1 ( 23.2 -	- 47.4)
EUROPE	77.0 ( 75.1	- 79.0)	55.5 ( 53.2 ·	- 57.9)
* age-standardized survival i	mplausibly low due to u	nstable estimat	es in one ore more ag	e classes

72.4 ( 61.5 - 85.2)

88.2 ( 83.2 - 93.6)

81.1 ( 71.2 - 92.3)

77.2 ( 73.8 - 80.9)

59.2 ( 48.7 - 72.0)

68.5 ( 61.2 - 76.8)

83.5 ( 73.7 - 94.7)

78.9 ( 72.8 - 85.4)

53.3 ( 35.4 - 80.3)

43.4 ( 28.0 - 67.4)

71.0 ( 63.0 - 80.0)

61.7 ( 49.2 - 77.3)

56.7 ( 52.4 - 61.3)

49.7 ( 36.4 - 67.9)

48.1 ( 39.3 - 58.9)

59.9 ( 45.7 - 78.6)

53.9 ( 46.2 - 62.9)

60.0 ( 39.9 - 90.3)

80.5 ( 72.5 - 89.3)

76.1 ( 63.2 - 91.5)

73.4 ( 68.9 - 78.2)

83.9 ( 65.7 - 107.0)

70.2 ( 59.3 - 83.0)

71.7 ( 56.4 - 91.3)

68.4 ( 59.9 - 78.0)

47.5 ( 34.4 - 65.7)

72.0 ( 69.6 - 74.5)

#### Soft tissue



		15-4	15-44		45-54		55-64		65-74		75-99		All adults	
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	
		(3,22	(3,227)		(1,994)		(2,368)		(2,979)		(3,333)		01)	
Persons	One year	87.2	87.3	83.7	84.0	81.5	82.3	73.7	75.6	60.6	66.4	77.0	79.2	
	Three years	73.8	74.1	69.6	70.5	64.1	66.1	54.7	59.4	36.8	49.3	59.3	64.6	
	Five years	68.4	68.8	63.4	64.9	55.7	59.0	46.1	53.5	25.8	43.3	51.3	59.3	
Men	One year	85.8	85.9	81.7	82.1	80.6	81.6	73.5	76.0	63.2	70.2	77.3	79.6	
	Three years	72.3	72.7	65.7	66.8	62.9	65.5	54.2	60.3	39.8	55.4	59.6	65.2	
	Five years	66.1	66.6	59.7	61.4	55.4	59.6	45.3	54.8	27.3	48.9	51.4	59.8	
Women	One year	88.8	88.9	86.2	86.4	83.0	83.5	73.8	75.1	58.9	63.9	76.7	78.7	
	Three years	76.1	76.3	74.9	75.5	65.5	66.9	55.3	58.5	34.8	45.1	59.1	64.0	
	Five years	71.5	71.8	68.3	69.4	56.2	58.3	47.0	52.1	24.9	39.6	51.3	58.7	

e-standardized 1-yr and 5-yr	relative survival (95% confide	ence intervals) and at 5 yrs co	onditional on surviving 1 year
COUNTRY	One year	Five years	Conditional
Denmark	81.1 ( 77.9 - 84.4)	<b>65.9 (</b> 61.7 - 70.4)	81.2 (77.1 - 85.7)
Finland	84.7 (81.8 - 87.7)	61.8 ( 57.4 - 66.6)	<b>73.0 (</b> 68.3 - 78.0)
Iceland	87.3 ( 74.3 - 102.6)	82.6 ( 63.6 - 107.4)	94.6 ( 77.0 - 116.3)
Norway	82.8 ( 78.6 - 87.2)	<b>62.0 (</b> 56.1 - 68.5)	<b>74.9 (</b> 68.8 - 81.6)
Sweden	83.3 ( 81.1 - 85.6)	<b>60.6 (</b> 57.4 - 64.0)	72.8 ( 69.4 - 76.3)
Ireland	79.5 (74.8 - 84.5)	<b>58.6 (</b> 52.5 - 65.4)	73.7 ( 67.3 - 80.8)
UK England	78.6 (77.3 - 79.9)	<b>58.0 (</b> 56.3 - 59.8)	73.8 ( 72.0 - 75.7)
UK Northern Ireland	75.2 ( 68.7 - 82.2)	<b>54.0 (</b> 46.0 - 63.4)	71.9 ( 62.9 - 82.1)
UK Scotland	77.5 ( 73.5 - 81.6)	59.5 ( 54.4 - 65.1)	76.9 (71.4 - 82.7)
UK Wales	76.4 (71.4 - 81.6)	<b>56.1 (</b> 50.1 - 62.9)	73.5 ( 67.0 - 80.5)
Austria	<b>79.1 (</b> 76.5 - 81.8)	57.9 ( 54.4 - 61.7)	73.2 ( 69.4 - 77.2)
Belgium	83.3 ( 79.3 - 87.5)	64.6 ( 59.1 - 70.7)	77.6 (72.0 - 83.6)
France	84.3 ( 80.3 - 88.5)	62.7 ( 56.9 - 69.0)	74.4 ( 68.4 - 80.8)
Germany	82.9 ( 76.2 - 90.1)	57.0 ( 47.6 - 68.2)	68.8 ( 58.7 - 80.6)
Netherlands	80.0 ( 76.9 - 83.2)	<b>59.8 (</b> 55.7 - 64.1)	74.7 ( 70.5 - 79.2)
Switzerland	78.3 (72.5 - 84.6)	<b>60.4 (</b> 53.4 - 68.4)	77.2 ( 70.1 - 85.0)
Italy	82.5 ( 80.6 - 84.5)	61.5 ( 58.8 - 64.2)	74.5 ( 71.8 - 77.3)
Malta	79.0 ( 66.8 - 93.4)	51.4 ( 36.3 - 72.8)	<b>65.2 (</b> 48.1 - 88.3)
Portugal	80.0 ( 73.8 - 86.8)	54.2 ( 46.3 - 63.6)	67.8 ( 59.1 - 77.7)
Slovenia	86.7 ( 80.5 - 93.4)	<b>59.1 (</b> 50.1 - 69.7)	68.1 ( 58.8 - 78.9)
Spain	81.9 ( 78.5 - 85.5)	61.5 ( 56.9 - 66.5)	75.1 ( 70.4 - 80.1)
Czech Republic	<b>79.7 (</b> 72.5 - 87.5)	48.4 ( 38.1 - 61.5)	60.8 ( 48.7 - 75.8)
Poland	76.3 ( 70.1 - 83.0)	57.1 ( 50.0 - 65.2)	74.8 ( 67.5 - 82.9)
EUROPE	80.4 ( 79.4 - 81.4)	59.5 ( 58.1 - 60.8)	73.9 ( 72.6 - 75.3)

#### COUNTRY Coverage Number of cases % Men Women Persons Denmark 100 2,011 2,481 4,492 Finland 100 1,288 1,258 2,546 Iceland 100 57 102 159 100 1,978 2,221 4,199 Norway Sweden 100 3,488 3,622 7,110 1,144 100 Ireland 678 1,822 UK England 100 9,448 12,958 22,406 **UK Northern Ireland** 100 321 516 837 UK Northern Ireland **UK Scotland** 100 1,247 1,789 3,036 **UK Wales** 564 1,027 100 463 Austria 100 2,009 2,292 4,301 58 Belgium 510 854 1,364 France 11 731 1,013 1,744 Germany 1 262 272 534 34 Netherlands 1.611 2.202 3.813 Switzerland 30 822 880 1,702 25 3,605 4.314 7,919 Italy Italy Malta 100 40 54 94 206 306 512 Portugal 43 Slovenia 100 435 511 946 Slovenia 1,899 Spain 14 794 1,105 Czech Republic 8 215 262 477 Czech Republic Poland 6 333 448 781 TOTAL 32,552 41,168 73,720



Europe, area-weighted observed and relative survival (%), by age at diagnosis (years)

		15-4	15-44		45-54		55-64		74	75-99		All adults	
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(19,0	88)	(13,8	(808	(13,6	70)	(14,0	67)	(13,0	87)	(73,7	20)
Persons	One year	96.7	96.8	95.8	96.1	94.4	95.3	91.4	93.7	83.7	91.5	92.9	94.9
	Three years	91.0	91.3	87.9	88.9	84.6	87.2	77.5	83.8	59.0	78.3	81.2	86.8
	Five years	87.4	88.0	83.0	84.7	78.7	83.0	69.1	79.5	44.4	73.4	74.2	83.1
Men	One year	94.9	95.1	94.1	94.6	93.0	94.2	89.2	92.2	80.5	89.0	91.0	93.3
	Three years	86.8	87.2	83.4	84.7	79.9	83.2	71.0	78.7	52.9	73.0	76.2	82.3
	Five years	81.9	82.7	77.4	79.7	72.9	78.3	60.6	72.9	38.5	68.1	68.1	77.7
Women	One year	97.8	97.9	97.1	97.4	95.8	96.3	93.5	95.1	86.0	93.3	94.4	96.2
	Three years	93.6	93.8	91.6	92.4	89.3	91.0	83.6	88.3	63.1	81.7	85.2	90.3
	Five years	90.9	91.3	87.4	88.8	84.4	87.4	76.9	85.1	48.3	76.6	79.0	87.2

Age-standardized 1-yr and 5-yr	relative survival (95% confide	ence intervals) and at 5 yrs co	onditional on surviving 1 year
COUNTRY	One year	Five years	Conditional
Denmark	96.1 ( 95.4 - 96.9)	85.1 ( 83.7 - 86.6)	88.6 ( 87.2 - 90.0)
Finland	96.4 ( 95.5 - 97.3)	84.1 ( 82.2 - 86.0)	87.2 (85.4 - 89.1)
Iceland	96.1 ( 91.7 - 100.7)	85.1 ( 75.9 - 95.3)	88.5 ( 79.8 - 98.2)
Norway	97.8 ( 97.2 - 98.4)	87.3 ( 85.9 - 88.7)	89.2 ( 87.9 - 90.6)
Sweden	98.2 ( 97.8 - 98.6)	90.6 ( 89.6 - 91.6)	92.3 (91.4 - 93.2)
Ireland	96.4 ( 95.3 - 97.5)	85.0 ( 82.7 - 87.4)	88.2 ( 86.0 - 90.4)
UK England	96.0 ( 95.7 - 96.3)	84.6 (83.9 - 85.2)	88.1 ( 87.5 - 88.7)
UK Northern Ireland	98.1 ( 96.8 - 99.5)	92.1 ( 88.8 - 95.4)	93.8 ( 90.8 - 96.9)
UK Scotland	97.1 ( 96.3 - 98.0)	88.4 ( 86.6 - 90.2)	91.0 ( 89.3 - 92.6)
UK Wales	90.2 ( 88.2 - 92.2)	73.6 ( 70.4 - 77.0)	81.6 (78.5 - 84.9)
Austria	91.6 ( 90.7 - 92.6)	82.7 ( 81.2 - 84.3)	90.3 ( 88.9 - 91.7)
Belgium	93.1 ( 91.6 - 94.6)	77.9 (75.1 - 80.7)	83.6 (81.0 - 86.3)
France	96.4 ( 95.4 - 97.5)	85.0 ( 82.7 - 87.2)	88.1 ( 86.0 - 90.2)
Germany	95.8 ( 93.5 - 98.0)	83.4 ( 78.8 - 88.3)	87.1 (82.7 - 91.8)
Netherlands	97.5 ( 96.8 - 98.2)	87.7 ( 86.0 - 89.4)	90.0 ( 88.4 - 91.6)
Switzerland	97.5 ( 96.6 - 98.5)	89.5 (87.5 - 91.5)	91.8 ( 89.9 - 93.6)
Italy	96.3 ( 95.8 - 96.8)	84.1 ( 83.1 - 85.2)	87.3 ( 86.4 - 88.3)
Malta	94.6 ( 88.4 - 101.3)	82.7 (71.2 - 96.1)	87.4 ( 76.5 - 99.9)
Portugal	90.8 ( 88.1 - 93.6)	78.8 ( 74.3 - 83.5)	86.7 (82.5 - 91.2)
Slovenia	93.9 ( 92.0 - 95.8)	79.6 (76.0 - 83.4)	84.9 (81.4 - 88.5)
Spain	97.0 ( 96.0 - 98.0)	83.7 ( 81.6 - 86.0)	86.4 (84.3 - 88.5)
Czech Republic	93.5 ( 90.8 - 96.3)	76.0 ( 70.7 - 81.6)	81.2 ( 76.1 - 86.7)
Poland	89.2 ( 86.8 - 91.7)	63.0 ( 58.9 - 67.3)	70.6 ( 66.4 - 75.0)
EUROPE	95.0 ( 94.7 - 95.3)	82.6 ( 82.1 - 83.2)	87.0 ( 86.4 - 87.5)

#### Melanoma of skin

#### Breast



		15-4	15-44		54	55-	64	65-74		75-99		All adults	
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(48,9	02)	(93,9	52)	(92,5	12)	(86,1	15)	(87,9	67)	(409,4	148)
Persons	One year	97.7	97.8	97.4	97.6	96.1	96.7	92.7	94.3	82.1	88.6	93.1	95.0
	Three years	89.1	89.4	90.3	91.1	87.5	89.3	81.5	86.0	62.0	78.9	82.0	87.3
	Five years	81.9	82.4	84.5	85.8	80.8	83.6	72.4	80.0	46.7	72.0	73.2	81.6
Men	One year	93.6	93.8	93.5	94.0	92.5	93.7	88.4	91.4	82.3	91.3	88.4	92.3
	Three years	79.8	80.3	83.9	85.4	82.9	86.4	75.4	83.9	58.9	82.2	73.4	83.8
	Five years	68.3	69.0	76.0	78.4	71.6	76.9	63.4	76.6	42.4	76.6	60.9	76.3
Women	One year	97.7	97.8	97.4	97.6	96.1	96.7	92.8	94.3	82.1	88.5	93.1	95.0
	Three years	89.1	89.4	90.3	91.1	87.6	89.3	81.6	86.1	62.0	78.9	82.0	87.3
	Five years	82.0	82.5	84.6	85.9	80.8	83.7	72.5	80.0	46.8	72.0	73.3	81.6

Age-standardized 1-yr and 5-yr	r relative survival (95% confident	ence intervals) and at 5 yrs co	onditional on surviving 1 year
COUNTRY	One year	Five years	Conditional
Denmark	93.4 ( 92.9 - 94.0)	77.5 ( 76.5 - 78.6)	83.0 ( 82.0 - 84.0)
Finland	95.7 ( 95.1 - 96.2)	83.5 ( 82.4 - 84.6)	87.3 ( 86.2 - 88.4)
Iceland	97.4 ( 95.1 - 99.7)	88.0 ( 82.8 - 93.5)	90.3 ( 85.4 - 95.5)
Norway	95.6 ( 95.0 - 96.1)	82.4 ( 81.3 - 83.6)	86.2 ( 85.1 - 87.4)
Sweden	96.6 ( 96.2 - 96.9)	84.6 (83.9 - 85.4)	87.6 ( 86.9 - 88.3)
Ireland	91.4 ( 90.5 - 92.2)	73.8 ( 72.2 - 75.3)	80.7 ( 79.2 - 82.3)
UK England	91.8 ( 91.6 - 92.0)	77.3 ( 77.0 - 77.7)	84.2 ( 83.9 - 84.6)
UK Northern Ireland	92.5 (91.5 - 93.6)	77.6 (75.6 - 79.6)	83.8 (81.9 - 85.8)
UK Scotland	91.7 ( 91.1 - 92.3)	74.9 (73.8 - 76.0)	81.7 ( 80.6 - 82.7)
UK Wales	92.1 ( 91.4 - 92.9)	76.9 (75.6 - 78.3)	83.5 ( 82.2 - 84.8)
Austria	92.4 (91.9 - 92.8)	80.0 ( 79.2 - 80.9)	86.6 (85.8 - 87.5)
Belgium	93.1 ( 92.5 - 93.7)	77.3 (76.1 - 78.4)	83.0 (81.9 - 84.1)
France	96.0 ( 95.5 - 96.6)	83.1 ( 82.0 - 84.2)	86.5 (85.5 - 87.5)
Germany	92.9 ( 91.8 - 94.0)	78.3 ( 76.1 - 80.6)	84.3 ( 82.2 - 86.6)
Netherlands	95.7 ( 95.3 - 96.2)	81.3 ( 80.4 - 82.3)	84.9 ( 84.0 - 85.9)
Switzerland	95.5 ( 94.8 - 96.3)	82.0 ( 80.5 - 83.5)	85.9 ( 84.5 - 87.3)
Italy	95.8 ( 95.6 - 96.1)	82.7 ( 82.2 - 83.2)	86.3 (85.8 - 86.8)
Malta	93.1 ( 90.8 - 95.4)	76.1 ( 71.8 - 80.7)	81.7 ( 77.5 - 86.2)
Portugal	92.6 (91.5 - 93.8)	77.2 ( 75.1 - 79.3)	83.3 (81.2 - 85.4)
Slovenia	92.3 (91.1 - 93.5)	71.9 ( 69.7 - 74.1)	77.8 ( 75.7 - 80.1)
Spain	95.4 (94.8 - 95.9)	80.3 ( 79.2 - 81.5)	84.2 ( 83.2 - 85.3)
Czech Republic	90.8 ( 88.9 - 92.8)	69.2 ( 65.6 - 73.0)	76.1 ( 72.5 - 80.0)
Poland	90.7 ( 89.5 - 91.9)	73.7 ( 71.7 - 75.8)	81.3 ( 79.3 - 83.3)
EUROPE	93.8 ( 93.7 - 94.0)	79.4 ( 79.1 - 79.7)	84.6 ( 84.3 - 84.9)

COUNTRY	Coverage	Number of cases	Age-standardized five-year relative surviva						
	%	Women	C	20	40	60	80	100	
Denmark	100	2,161	Denmark	-		<b>H</b> -1			
Finland	100	755	Finland			H-I	1		
Iceland	100	73	Iceland		- Å.	H-			
Norway	100	1,569	Norway			E-I	1		
Sweden	100	2,172	Sweden	2	r.	H-I	1		
Ireland	100	851	Ireland				1		
UK England	100	11,731	UKEngland	AT.		E Contraction of the second se			
UK Northern Ireland	100	411	UK Northern Ireland		10		1		
UK Scotland	100	1,700	UKScotland			H H	1		
UK Wales	100	822	UKWales						
Austria	100	2,503	Austria						
Belgium	58	1,064	Belgium	0	1		1		
France	11	1,057	France			H-I	į.		
Germany	1	441	Germany			1-1			
Netherlands	34	1,355	Netherlands	105		E-			
Switzerland	30	450	Switzerland						
Italy	25	3,591	Italy				1		
Malta	100	56	Malta			1		- I	
Portugal	43	687	Portugal			H H			
Slovenia	100	1,022	Slovenia				i		
Spain	14	1,172	Spain	· · · · · · · · · · · · · · · · · · ·		H-H			
Czech Republic	8	531	Czech Republic				1		
Poland	6	1,448	Poland						
TOTAL		37,622	EUROPE						

#### Europe, area-weighted observed and relative survival (%), by age at diagnosis (years)

		15-4	15-44		45-54		55-64		65-74		75-99		ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(14,483)		(7,138)		(5,334)		(5,465)		(5,202)		(37,622)	
Women	One year	94.1	94.2	88.7	88.9	84.6	85.2	78.2	79.5	60.4	65.1	84.9	86.0
	Three years	83.2	83.5	72.5	73.1	66.2	67.6	56.2	59.4	34.0	43.0	68.0	71.0
	Five years	80.0	80.4	67.2	68.2	58.8	60.9	47.5	52.5	24.2	36.9	62.0	66.7

### Age-standardized 1-yr and 5-yr relative survival (95% confidence intervals) and at 5 yrs conditional on surviving 1 year

COUNTRY	One year	Five years	Conditional
Denmark	84.5 (82.8 - 86.2)	64.0 ( 61.7 - 66.5)	75.8 ( 73.5 - 78.2)
Finland	86.0 ( 83.4 - 88.8)	65.0 ( 61.2 - 69.0)	75.5 (71.7 - 79.5)
Iceland	85.8 ( 75.5 - 97.5)	62.9 ( 49.5 - 79.9)	73.3 ( 59.8 - 89.7)
Norway	85.6 ( 83.6 - 87.7)	66.7 ( 63.9 - 69.5)	77.9 ( 75.2 - 80.6)
Sweden	86.7 ( 85.2 - 88.3)	<b>66.2 (</b> 64.0 - 68.5)	76.3 ( 74.2 - 78.6)
Ireland	81.4 ( 78.1 - 84.9)	59.7 ( 55.4 - 64.4)	73.4 ( 68.9 - 78.2)
UK England	80.6 ( 79.8 - 81.4)	<b>59.1 (</b> 58.1 - 60.2)	73.3 ( 72.3 - 74.4)
UK Northern Ireland	78.0 (73.7 - 82.6)	<b>58.9 (</b> 53.8 - 64.5)	75.5 ( 70.3 - 81.0)
UK Scotland	80.8 (78.7 - 83.0)	58.8 ( 56.1 - 61.6)	72.7 ( 70.0 - 75.5)
UK Wales	77.6 (74.5 - 80.7)	54.7 ( 51.0 - 58.6)	70.5 ( 66.6 - 74.6)
Austria	83.4 (81.8 - 85.0)	<b>63.7 (</b> 61.6 - 66.0)	76.5 (74.3 - 78.7)
Belgium	86.8 (84.5 - 89.1)	65.1 ( 61.8 - 68.6)	75.0 (71.7 - 78.5)
France	87.7 ( 85.6 - 89.8)	66.9 ( 63.9 - 70.1)	76.3 (73.4 - 79.4)
Germany	86.4 (82.9 - 90.1)	60.5 ( 55.3 - 66.2)	70.0 ( 64.6 - 75.9)
Netherlands	85.2 ( 82.9 - 87.5)	66.5 ( 63.3 - 69.8)	78.0 (74.9 - 81.3)
Switzerland	89.2 ( 86.2 - 92.3)	68.2 ( 63.6 - 73.1)	76.4 (71.9 - 81.2)
Italy	87.8 ( 86.7 - 88.9)	64.7 ( 63.1 - 66.4)	73.7 ( 72.0 - 75.4)
Malta	93.0 ( 84.1 - 102.9)	68.5 ( 51.5 - 91.2)	73.7 ( 56.3 - 96.3)
Portugal	81.5 ( 78.5 - 84.6)	<b>56.4 (</b> 52.4 - 60.8)	69.3 ( 65.0 - 73.8)
Slovenia	84.4 ( 81.6 - 87.2)	<b>63.5 (</b> 59.9 - 67.4)	75.3 ( 71.7 - 79.0)
Spain	85.9 ( 83.8 - 88.1)	62.7 ( 59.7 - 65.9)	73.0 ( 69.9 - 76.2)
Czech Republic	81.1 ( 77.2 - 85.2)	<b>63.6 (</b> 58.7 - 69.0)	78.5 ( 73.6 - 83.7)
Poland	79.1 ( 76.8 - 81.4)	51.5 ( 48.6 - 54.6)	65.1 ( 61.9 - 68.5)
EUROPE	84.4 (83.9 - 84.9)	62.6 ( 61.8 - 63.3)	74.1 ( 73.4 - 74.9)

Cervix uteri

### **Corpus uteri**

COUNTRY	Coverage	Number of cases		Age-standar	dized five-y	ear relativ	e surviva	1 (%)
	%	Women	(	0 20	40	60	80	100
Denmark	100	2,746	Denmark					
Finland	100	2,985	Finland				H-I	
lceland	100	102	Iceland		- K	-		
Norway	100	2,120	Norway				E-	
Sweden	100	5,450	Sweden				H-I	
Ireland	100	1,031	Ireland				H I	
UK England	100	17,634	UKEngland				H	
<b>UK Northern Ireland</b>	100	501	UK Northern Ireland			H		
UK Scotland	100	1,904	UKScotland				i di la constante di la consta	
UK Wales	100	1,173	UKWales			r	-	
Austria	100	4,240	Austria				<b>H</b> i	
Belgium	58	1,852	Belgium		1.	10	1	
France	11	1,506	France					
Germany	1	748	Germany				THE P	
Netherlands	34	2,393	Netherlands			76		
Switzerland	27	868	Switzerland				1	
Italy	25	8,000	Italy				HI.	
Malta	100	238	Malta					
Portugal	43	777	Portugal			E	<b>-</b>     -	
Slovenia	100	1,176	Slovenia				<b>H</b>	
Spain	14	2,479	Spain				H I	
Czech Republic	8	608	Czech Republic					
Poland	6	1,289	Poland					
TOTAL		61,820	EUROPE				888 <b>9</b>	

Europe, area-weighted observed and relative survival (%), by age at diagnosis (years)

		15-4	15-44		45-54		55-64		65-74		75-99		All adults	
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	
		(1,810)		(8,435)		(17,652)		(19,039)		(14,884)		(61,820)		
Women	One year	95.2	95.3	95.7	96.0	94.1	94.6	88.8	90.3	75.0	80.3	88.3	90.3	
	Three years	88.8	89.1	90.3	91.2	86.6	88.3	75.3	79.5	53.7	67.0	76.1	81.7	
	Five years	85.7	86.3	87.4	88.9	82.3	85.3	68.1	75.3	41.8	62.4	69.4	78.6	

#### Age-standardized 1-yr and 5-yr relative survival (95% confidence intervals) and at 5 yrs conditional on surviving 1 year

COUNTRY	One year	Five years	Conditional
Denmark	90.9 (89.6 - 92.3)	82.5 ( 80.3 - 84.7)	90.7 ( 88.6 - 92.8)
Finland	91.8 ( 90.6 - 93.1)	81.4 ( 79.3 - 83.6)	88.7 ( 86.7 - 90.7)
Iceland	90.3 ( 83.8 - 97.3)	69.3 ( 58.9 - 81.5)	76.8 ( 66.5 - 88.7)
Norway	91.2 ( 89.8 - 92.6)	81.2 ( 78.9 - 83.6)	89.1 ( 86.9 - 91.3)
Sweden	94.7 ( 93.9 - 95.4)	84.4 ( 83.0 - 85.8)	89.1 ( 87.8 - 90.5)
Ireland	88.4 ( 86.0 - 90.9)	75.0 (71.1 - 79.1)	84.8 (81.1 - 88.7)
UK England	87.9 (87.4 - 88.5)	75.2 ( 74.3 - 76.1)	85.6 (84.7 - 86.5)
UK Northern Ireland	86.4 ( 83.0 - 90.0)	71.0 ( 65.8 - 76.7)	82.2 ( 77.0 - 87.7)
UK Scotland	88.9 (87.2 - 90.6)	76.5 (73.8 - 79.4)	86.1 (83.4 - 88.8)
UK Wales	91.7 ( 89.7 - 93.6)	76.2 ( 72.8 - 79.7)	83.1 ( 79.9 - 86.5)
Austria	89.2 ( 88.1 - 90.3)	78.4 ( 76.6 - 80.2)	87.9 ( 86.2 - 89.6)
Belgium	88.5 ( 86.9 - 90.2)	76.9 (74.4 - 79.6)	86.9 ( 84.5 - 89.3)
France	89.3 (87.5 - 91.2)	72.8 ( 69.9 - 75.7)	81.4 ( 78.7 - 84.3)
Germany	91.5 ( 89.2 - 93.8)	76.8 ( 72.7 - 81.3)	84.0 (79.9 - 88.3)
Netherlands	<b>89.5 (</b> 88.1 - 91.0)	77.8 (75.5 - 80.2)	86.9 (84.7 - 89.2)
Switzerland	91.7 ( 89.6 - 93.8)	78.7 ( 75.2 - 82.5)	85.9 (82.5 - 89.4)
Italy	90.8 ( 90.0 - 91.5)	76.1 ( 74.9 - 77.4)	83.9 ( 82.7 - 85.1)
Malta	85.4 ( 80.1 - 91.2)	73.6 ( 66.3 - 81.8)	86.2 ( 79.3 - 93.7)
Portugal	83.4 ( 80.3 - 86.6)	67.8 ( 63.5 - 72.4)	81.3 (77.1 - 85.8)
Slovenia	88.9 ( 86.6 - 91.3)	77.0 ( 73.3 - 80.9)	86.6 ( 83.1 - 90.2)
Spain	89.2 ( 87.7 - 90.6)	73.1 ( 70.9 - 75.4)	82.0 ( 79.8 - 84.2)
Czech Republic	89.2 ( 85.8 - 92.7)	74.5 ( 68.5 - 80.9)	83.5 (77.6 - 89.9)
Poland	88.3 ( 85.8 - 90.8)	72.7 ( 68.8 - 76.9)	82.4 ( 78.5 - 86.5)
EUROPE	89.5 ( 89.0 - 89.9)	76.2 ( 75.6 - 76.9)	85.2 ( 84.6 - 85.9)

COUNTRY	Coverage	Number of cases
	%	Women
Denmark	100	2,771
Finland	100	2,066
Iceland	100	87
Norway	100	2,122
Sweden	100	3,781
Ireland	100	1,415
UK England	100	22,142
UK Northern Ireland	100	733
UK Scotland	100	2,573
UK Wales	100	1,546
Austria	100	3,937
Belgium	58	1,634
France	11	1,349
Germany	1	492
Netherlands	34	2,129
Switzerland	27	735
Italy	25	6,499
Malta	100	134
Portugal	43	552
Slovenia	100	718
Spain	12	1,359
Czech Republic	8	412
Poland	6	1,222
TOTAL		60,408



#### Europe, area-weighted observed and relative survival (%), by age at diagnosis (years)

EUROPE

		15-44		45-	45-54 55-64		65-74		75-99		All adults		
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(6,13	32)	(10,3	76)	(13,7	10)	(15,8	01)	(14,3	89)	(60,4	08)
Women	One year	89.6	89.7	86.9	87.1	79.1	79.6	66.4	67.5	38.8	41.8	69.1	70.7
	Three years	76.7	76.9	65.4	66.0	52.5	53.5	39.5	41.7	19.6	24.8	46.5	49.9
	Five years	70.9	71.3	53.8	54.7	40.7	42.2	29.0	32.0	13.5	20.7	37.1	41.8

#### Age-standardized 1-yr and 5-yr relative survival (95% confidence intervals) and at 5 yrs conditional on surviving 1 year

COUNTRY	One year	Five years	Conditional
Denmark	63.9 ( 62.1 - 65.7)	32.3 ( 30.4 - 34.3)	50.5 ( 47.9 - 53.3)
Finland	70.1 ( 68.0 - 72.2)	39.9 ( 37.5 - 42.4)	56.9 ( 54.0 - 60.0)
Iceland	67.8 ( 57.6 - 79.9)	29.9 ( 20.3 - 44.0)	44.1 ( 31.0 - 62.6)
Norway	71.6 ( 69.7 - 73.6)	37.8 ( 35.6 - 40.2)	52.8 ( 50.1 - 55.7)
Sweden	78.8 (77.4 - 80.3)	42.5 ( 40.7 - 44.4)	53.9 ( 51.9 - 56.1)
Ireland	57.6 ( 55.1 - 60.3)	<b>29.2 (</b> 26.6 - 32.0)	50.6 ( 46.7 - 54.8)
UK England	<b>59.9 (</b> 59.2 - 60.5)	30.2 ( 29.5 - 30.9)	50.5 ( 49.5 - 51.5)
UK Northern Ireland	60.0 ( 56.4 - 63.8)	34.0 ( 30.3 - 38.2)	56.7 ( 51.4 - 62.6)
UK Scotland	61.2 ( 59.3 - 63.1)	31.6 ( 29.7 - 33.7)	51.7 ( 48.9 - 54.6)
UK Wales	60.7 ( 58.2 - 63.3)	32.3 ( 29.8 - 35.0)	<b>53.2 (</b> 49.6 - 57.1)
Austria	70.5 ( 69.1 - 72.0)	44.9 ( 43.1 - 46.7)	<b>63.6 (</b> 61.4 - 65.9)
Belgium	71.9 ( 69.7 - 74.2)	40.5 ( 37.9 - 43.3)	56.4 ( 53.2 - 59.8)
France	70.4 ( 67.9 - 72.9)	35.2 ( 32.5 - 38.1)	50.0 ( 46.6 - 53.7)
Germany	<b>65.4 (</b> 61.5 - 69.6)	36.9 ( 32.3 - 42.2)	56.4 ( 50.2 - 63.5)
Netherlands	<b>66.7 (</b> 64.7 - 68.8)	36.0 ( 33.8 - 38.3)	<b>53.9 (</b> 51.0 - 56.9)
Switzerland	72.6 ( 69.4 - 76.0)	38.6 ( 35.0 - 42.6)	<b>53.2 (</b> 48.8 - 58.0)
Italy	<b>68.3 (</b> 67.2 - 69.5)	36.0 ( 34.8 - 37.3)	52.8 ( 51.2 - 54.4)
Malta	<b>52.6 (</b> 44.8 - 61.8)	30.4 ( 22.7 - 40.7)	57.8 ( 45.3 - 73.8)
Portugal	<b>66.3 (</b> 62.3 - 70.7)	37.4 ( 32.9 - 42.6)	<b>56.4 (</b> 50.5 - 63.1)
Slovenia	67.9 ( 64.1 - 71.9)	33.4 ( 29.6 - 37.7)	49.2 ( 44.2 - 54.7)
Spain	<b>64.4 (</b> 61.8 - 67.1)	36.9 ( 34.1 - 39.9)	57.3 ( 53.6 - 61.3)
Czech Republic	<b>56.9 (</b> 51.8 - 62.4 <b>)</b>	32.3 ( 26.4 - 39.4)	<b>56.7 (</b> 47.6 - 67.6)
Poland	60.8 ( 57.6 - 64.2)	31.0 ( 28.0 - 34.4)	<b>51.0 (</b> 46.7 - 55.7)
EUROPE	66.7 ( 66.2 - 67.3)	36.5 ( 35.9 - 37.2)	54.7 ( 53.9 - 55.6)

#### Vagina and vulva



#### Europe, area-weighted observed and relative survival (%), by age at diagnosis (years)

	15-4	15-44		45-54		55-64		65-74		75-99		ults
	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
	(892)		(1,148)		(1,616)		(3,194)		(6,291)		(13,141)	
One year	94.3	94.4	87.8	88.1	83.0	83.6	78.0	79.4	62.5	68.3	73.3	76.8
Three years	85.7	85.9	77.2	77.9	67.2	68.6	59.4	62.9	39.4	52.3	54.2	62.6
Five years	79.3	79.8	72.4	73.6	60.8	63.1	52.3	58.0	28.3	47.0	45.6	58.2
	One year Three years Five years	15-4 obs (89) One year 94.3 Three years 85.7 Five years 79.3	15-44   obs rel   (892) rel   One year 94.3 94.4   Three years 85.7 85.9   Five years 79.3 79.8	15-44 45-5   obs rel obs   (892) (1,14)   One year 94.3 94.4 87.8   Three years 85.7 85.9 77.2   Five years 79.3 79.8 72.4	15-44 45-54   obs rel 005 rel   (892) (1,148) 88.1   One year 94.3 94.4 87.8 88.1   Three years 85.7 85.9 77.2 77.9   Five years 79.3 79.8 72.4 73.6	15-44 45-54 55-60   obs rel 0000 rel 0000   (892) (1,148) (1,67) (1,67)   One year 94.3 94.4 87.8 88.1 83.0   Three years 85.7 85.9 77.2 77.9 67.2   Five years 79.3 79.8 72.4 73.6 60.8	15-44 45-54 55-64   obs rel obs rel (1,148) rel (1,616)   One year 94.3 94.4 87.8 88.1 83.0 83.6   Three years 85.7 85.9 77.2 77.9 67.2 68.6   Five years 79.3 79.8 72.4 73.6 60.8 63.1	15-44 45-54 55-64 65-7   obs rel obs rel obs rel obs (3.15)   One year 94.3 94.4 87.8 88.1 83.0 83.6 78.0   Three years 85.7 85.9 77.2 77.9 67.2 68.6 59.4   Five years 79.3 79.8 72.4 73.6 60.8 63.1 52.3	15-44 45-54 55-64 65-74   obs rel obs obs rel obs obs rel obs obs rel obs obs rel obs obs obs obs obs obs obs obs obs obs obs obs obs	15-44 45-54 55-64 65-74 75-54   obs rel <td< td=""><td>15-44 45-54 55-64 65-74 75-9   obs rel obs obs rel obs rel obs obs obs obs obs obs obs obs obs obs obs obs obs obs obs obs obs obs obs <td< td=""><td>15-44 45-54 55-64 65-74 75-99 All ad   obs rel obs (13.1   One year 94.3 94.4 87.8 88.1 83.0 83.6 78.0 79.4 62.5 68.3 73.3   Three years 79.3 79.8 72.4 73.6 60.8 63.1 52.3</td></td<></td></td<>	15-44 45-54 55-64 65-74 75-9   obs rel obs obs rel obs rel obs obs obs obs obs obs obs obs obs obs obs obs obs obs obs obs obs obs obs <td< td=""><td>15-44 45-54 55-64 65-74 75-99 All ad   obs rel obs (13.1   One year 94.3 94.4 87.8 88.1 83.0 83.6 78.0 79.4 62.5 68.3 73.3   Three years 79.3 79.8 72.4 73.6 60.8 63.1 52.3</td></td<>	15-44 45-54 55-64 65-74 75-99 All ad   obs rel obs (13.1   One year 94.3 94.4 87.8 88.1 83.0 83.6 78.0 79.4 62.5 68.3 73.3   Three years 79.3 79.8 72.4 73.6 60.8 63.1 52.3

#### Age-standardized 1-yr and 5-yr relative survival (95% confidence intervals) and at 5 yrs conditional on surviving 1 year

COUNTRY	One year	Five years	Conditional
Denmark	78.8 ( 75.3 - 82.5)	<b>59.6 (</b> 54.9 - 64.7)	75.6 ( 70.6 - 81.0)
Finland	76.8 ( 72.4 - 81.5)	52.3 ( 46.7 - 58.6)	68.2 ( 61.9 - 75.1)
Iceland	94.9 ( 82.4 - 109.2)	3 <b>-</b> 2	-
Norway	83.4 ( 79.9 - 87.1)	61.3 ( 55.7 - 67.4)	73.5 ( 67.4 - 80.0)
Sweden	79.3 ( 76.4 - 82.3)	58.2 ( 54.3 - 62.3)	73.4 ( 69.2 - 77.8)
Ireland	83.8 ( 78.7 - 89.2)	<b>59.6 (</b> 51.8 - 68.5)	71.1 ( 62.7 - 80.6)
UK England	81.0 ( 79.7 - 82.3)	63.7 ( 61.9 - 65.6)	78.7 ( 76.8 - 80.6)
<b>UK Northern Ireland</b>	80.2 ( 74.1 - 86.9)	67.1 ( 58.4 - 77.1)	83.7 ( 74.6 - 93.8)
UK Scotland	82.6 ( 79.1 - 86.1)	65.2 ( 60.0 - 70.9)	79.0 (73.6 - 84.9)
UK Wales	77.2 ( 72.2 - 82.4)	<b>56.2 (</b> 49.7 - 63.5)	72.8 ( 65.7 - 80.7)
Austria	80.3 (77.3 - 83.4)	61.5 ( 57.3 - 66.1)	76.6 (72.1 - 81.4)
Belgium	<b>83.4 (</b> 78.8 - 88.4 )	61.5 ( 55.1 - 68.7)	73.7 ( 67.0 - 81.1)
France	76.1 ( 70.8 - 81.9)	53.3 ( 46.6 - 61.0)	70.0 ( 62.6 - 78.4)
Germany	87.3 ( 80.3 - 95.1)	66.6 ( 54.9 - 80.8)	76.3 ( 64.1 - 90.7)
Netherlands	87.1 ( 83.8 - 90.6)	66.5 ( 61.3 - 72.2)	76.4 (71.0 - 82.1)
Switzerland	85.0 (79.9 - 90.5)	65.0 ( 56.4 - 74.9)	76.4 ( 67.2 - 86.9)
Italy	81.4 ( 79.5 - 83.5)	<b>59.4 (</b> 56.6 - 62.3)	72.9 ( 70.0 - 75.9)
Malta	79.6 ( 68.4 - 92.8)	<b>51.1 (</b> 38.0 - 68.7)	64.2 ( 49.8 - 82.7)
Portugal	77.8 ( 70.8 - 85.4)	55.7 ( 46.0 - 67.4)	71.6 ( 60.6 - 84.5)
Slovenia	76.8 ( 70.8 - 83.2)	<b>58.3 (</b> 50.9 - 66.9)	76.0 ( 68.0 - 84.9)
Spain	76.6 ( 72.1 - 81.3)	58.3 ( 52.4 - 64.9)	76.1 ( 69.7 - 83.2)
Czech Republic	75.5 ( 66.7 - 85.6)	57.6 ( 45.3 - 73.1)	76.2 ( 62.2 - 93.4)
Poland	58.2 ( 51.1 - 66.3)	44.4 ( 36.7 - 53.8)	76.4 ( 66.4 - 87.8)
EUROPE	79.2 ( 78.1 - 80.4)	59.4 ( 57.9 - 61.0)	75.0 (73.4 - 76.6)

COUNTRY	Coverage	Number of cases		Age-standardi	zed five-y	ear relativ	e surviva	l (%)
	%	Men	0	20	40	60	80	100
Denmark	100	7,519	Denmark		the second second second second second second second second second second second second second second second se			
Finland	100	12,340	Finland	_			H-I	
Iceland	100	665	Iceland		1 <sub>0</sub>	k.		
Norway	100	12,206	Norway				H	
Sweden	100	28,599	Sweden			r	<b>1</b>	
Ireland	100	6,029	Ireland					
UK England	100	88,236	UKEngland	in)	1.0		F	
UK Northern Ireland	100	2,314	UK Northern Ireland		•	1	· []	
UK Scotland	100	9,243	UKScotland	2 <b>4</b>		H	(     -	
UK Wales	100	5,566	UKWales	2	<u>1</u> );		4   !	
Austria	100	17,650	Austria				- H	
Belgium	58	11,047	Belgium				H	
France	11	7,850	France				4	
Germany	1	2,316	Germany			1		
Netherlands	34	10,675	Netherlands				H-	
Switzerland	30	4,886	Switzerland	1		1.		
Italy	25	29,435	Italy				H	
Malta	100	393	Malta		70	, F	177 - T	
Portugal	43	4,166	Portugal	30	6		- H	
Slovenia	100	1,843	Slovenia			H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-	1	
Spain	12	7,345	Spain		•		H-	
Czech Republic	8	928	Czech Republic	<i>.</i> 02				
Poland	6	1,885	Poland		- 6 	-		
TOTAL		273,136	EUROPE					

#### Europe, area-weighted observed and relative survival (%), by age at diagnosis (years)

		15-	15-54		55-64		65-74		75-84		85-99		ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(6,431)		(42,686)		(108,088)		(91,317)		(24,614)		(273,1	136)
Men	One year	94.2	94.8	95.0	96.4	91.7	94.8	82.5	89.4	62.2	75.3	87.3	92.2
	Three years	81.7	83.2	84.0	87.8	77.6	86.4	60.4	78.4	32.5	60.0	70.2	83.1
	Five years	73.5	76.0	76.4	82.6	66.9	81.1	44.2	70.9	17.2	52.1	58.0	77.7

#### Age-standardized 1-yr and 5-yr relative survival (95% confidence intervals) and at 5 yrs conditional on surviving 1 year

COUNTRY	One year	Five years	Conditional
Denmark	86.0 (84.7 - 87.4)	47.7 ( 45.8 - 49.8)	55.5 ( 53.3 - 57.8)
Finland	95.4 (94.7 - 96.1)	79.6 (78.2 - 81.1)	83.5 ( 82.1 - 84.9)
Iceland	94.1 (89.1 - 99.3)	79.3 ( 72.6 - 86.7)	84.3 (78.6 - 90.4)
Norway	94.7 (94.1 - 95.3)	74.5 (73.2 - 75.9)	78.7 (77.3 - 80.1)
Sweden	96.0 ( 95.7 - 96.4)	77.5 ( 76.6 - 78.5)	80.7 ( 79.8 - 81.6)
Ireland	91.0 ( 90.0 - 92.1)	71.3 ( 69.3 - 73.5)	78.4 ( 76.2 - 80.6)
UK England	90.2 ( 89.9 - 90.6)	69.7 ( 69.1 - 70.3)	77.3 ( 76.7 - 77.9)
UK Northern Ireland	88.4 ( 86.6 - 90.2)	60.8 ( 57.1 - 64.8)	68.8 ( 64.8 - 73.0)
UK Scotland	91.3 ( 90.4 - 92.2)	67.8 ( 66.0 - 69.7)	74.3 ( 72.4 - 76.2)
UK Wales	89.0 (87.7 - 90.2)	68.7 ( 66.3 - 71.1)	77.2 ( 74.7 - 79.7)
Austria	93.9 ( 93.4 - 94.4)	86.7 (85.6 - 87.7)	92.3 ( 91.3 - 93.3)
Belgium	94.3 ( 93.7 - 94.9)	83.3 ( 82.1 - 84.6)	88.4 ( 87.2 - 89.5)
France	95.2 ( 94.3 - 96.2)	78.3 ( 76.5 - 80.2)	82.3 ( 80.5 - 84.1)
Germany	94.7 ( 93.1 - 96.3)	81.6 ( 78.0 - 85.3)	86.2 ( 82.7 - 89.8)
Netherlands	95.9 ( 95.3 - 96.6)	78.9 (77.3 - 80.5)	82.2 ( 80.6 - 83.8)
Switzerland	97.1 ( 96.5 - 97.7)	82.3 ( 80.3 - 84.3)	84.8 ( 82.8 - 86.8)
Italy	94.3 ( 93.8 - 94.7)	<b>79.1 (</b> 78.2 - 80.1)	84.0 ( 83.0 - 84.9)
Malta	83.0 (77.9 - 88.4)	71.2 ( 63.7 - 79.5)	85.7 ( 78.3 - 93.9)
Portugal	92.7 ( 91.5 - 93.8)	82.3 ( 80.1 - 84.6)	88.8 ( 86.7 - 91.1)
Slovenia	87.0 ( 84.7 - 89.3)	58.2 ( 54.6 - 62.0)	66.9 ( 63.1 - 70.9)
Spain	92.2 ( 91.2 - 93.2)	75.4 ( 73.6 - 77.4)	81.8 ( 80.0 - 83.7)
Czech Republic	87.0 (83.8 - 90.4)	54.4 ( 48.9 - 60.4)	62.5 ( 56.6 - 69.0)
Poland	84.4 ( 82.1 - 86.6)	60.5 ( 56.8 - 64.3)	71.7 ( 67.8 - 75.8)
EUROPE	92.7 ( 92.5 - 93.0)	76.4 ( 75.9 - 76.9)	82.4 (81.9 - 82.9)

#### Prostate

#### Testis



#### Europe, area-weighted observed and relative survival (%), by age at diagnosis (years)

		15-44		45-54		55-64		65-74		75-99		All adults	
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(16,525)		(2,326)		(806)		(401)		(225)		(20,283)	
Men	One year	98.0	98.2	96.2	96.7	91.8	92.9	83.7	86.3	61.1	68.1	96.8	97.2
	Three years	95.5	95.9	93.6	94.9	88.6	91.9	74.9	82.5	43.5	61.1	94.0	95.1
	Five years	94.7	95.4	91.6	94.1	85.1	91.0	68.8	82.0			92.6	94.5

#### Age-standardized 1-yr and 5-yr relative survival (95% confidence intervals) and at 5 yrs conditional on surviving 1 year

COUNTRY	One year	Five years	Conditional
Denmark	93.7 ( 90.5 - 97.0)	90.2 (85.6 - 95.1)	96.3 ( 92.5 - 100.2)
Finland	90.6 (85.6 - 95.9)	87.5 ( 80.2 - 95.6)	96.6 ( 90.4 - 103.3)
Iceland		-	÷.
Norway	97.1 ( 93.5 - 100.9)	94.0 ( 86.6 - 102.1)	96.8 ( 90.0 - 104.2)
Sweden	94.3 ( 90.9 - 97.7)	90.3 ( 85.9 - 94.9)	95.8 ( 92.5 - 99.2)
Ireland	86.1 ( 80.0 - 92.6)	84.8 ( 75.5 - 95.2)	98.5 ( 90.0 - 107.9)
UK England	93.7 ( 92.1 - 95.2)	<b>89.7 (</b> 87.4 - 92.1)	95.8 ( 93.8 - 97.8)
UK Northern Ireland	92.3 ( 87.1 - 97.9)	a <b>−</b> 2	
UK Scotland	91.7 ( 87.6 - 96.0)	91.4 ( 85.0 - 98.4)	99.7 ( 94.2 - 105.5)
UK Wales	93.3 ( 88.8 - 97.9)	-	<u>.</u>
Austria	90.3 ( 86.2 - 94.6)	88.2 ( 82.0 - 94.7)	97.6 ( 92.4 - 103.1)
Belgium	94.1 ( 89.6 - 98.8)	92.7 ( 85.7 - 100.3)	98.5 ( 92.7 - 104.8)
France	93.5 ( 88.0 - 99.3)	91.9 ( 83.8 - 100.8)	98.3 ( 91.7 - 105.4)
Germany	93.2 ( 86.4 - 100.5)	10 N	-
Netherlands	95.8 ( 91.9 - 100.0)	95.7 ( 89.2 - 102.6)	99.8 ( 94.4 - 105.6)
Switzerland	98.8 ( 95.4 - 102.3)	91.0 ( 83.4 - 99.4)	92.2 ( 85.0 - 99.9)
Italy	94.7 ( 92.6 - 96.9)	88.6 (85.2 - 92.1)	93.5 ( 90.6 - 96.5)
Malta	99.3 ( 94.6 - 104.3)	<b>110.4 (</b> 100.0 - 116.1)	111.1 (109.8 - 112.5)
Portugal	93.4 ( 86.7 - 100.7)	() <b>-</b> )	
Slovenia *	78.3 ( 76.8 - 79.8)	76.2 ( 73.1 - 79.4)	97.3 ( 93.8 - 100.9)
Spain	98.1 ( 95.6 - 100.7)	94.9 ( 85.9 - 104.9)	96.7 ( 87.9 - 106.5)
Czech Republic *	82.4 ( 73.1 - 92.9)	73.8 ( 64.6 - 84.4)	89.6 (84.4 - 95.1)
Poland	<b>89.1 (</b> 84.3 - 94.1)	-	-
EUROPE	93.3 ( 92.1 - 94.5)	89.5 ( 88.0 - 91.1)	96.0 ( 94.9 - 97.1)

\* age-standardized survival implausibly low due to unstable estimates in one ore more age classes

COUNTRY	Coverage	Number of cases	Age-standardized five-year relative survival (%)								
	%	Men	(	0 20	40	60	80	100			
Denmark	100	233	Denmark		k		HT T				
Finland	100	90	Finland			3	<u> </u>				
Iceland	100	7	Iceland								
Norway	100	155	Norway				1				
Sweden	100	328	Sweden	· · · · ·	r.	-					
Ireland	100	114	Ireland			-		- I			
UK England	100	1,680	UKEngland								
UK Northern Ireland	100	69	UK Northern Ireland		52. 	*	T H				
UK Scotland	100	202	UKScotland	- 10		t-	- i - i				
UK Wales	100	124	UKWales			+					
Austria	100	197	Austria			F-	<b>-</b>	e			
Belgium	58	114	Belgium					-			
France	11	88	France			t-		í l			
Germany	1	42	Germany			1					
Netherlands	34	179	Netherlands				10 ( <del>);</del>				
Switzerland	27	61	Switzerland			+		-			
Italy	25	559	Italy			÷					
Malta	100	14	Malta			+	-i				
Portugal	43	83	Portugal	19.N	×.	·		-			
Slovenia	100	40	Slovenia					-			
Spain	12	187	Spain			i –					
Czech Republic	8	33	Czech Republic								
Poland	6	51	Poland		i	į.					
TOTAL		4,650	EUROPE				iii - I				

Europe, area-weighted observed and relative survival (%), by age at diagnosis (years)

		15-4	15-44		45-54		55-64		65-74		75-99		ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(41	9)	(66	8)	(93	8)	(1,22	25)	(1,40	00)	(4,6	50)
Men	One year	90.9	91.1	92.7	93.2	88.2	89.3	83.9	86.7	72.0	81.2	83.5	87.4
	Three years	75.9	76.4	80.9	82.2	75.8	78.9	68.6	76.3	47.8	69.7	66.7	76.3
	Five years	74.5	75.2	76.5	78.8	71.3	76.7	59.9	72.6			59.1	74.1

#### Age-standardized 1-yr and 5-yr relative survival (95% confidence intervals) and at 5 yrs conditional on surviving 1 year

COUNTRY	One year	Five years	Conditional
Denmark	84.2 ( 78.8 - 89.8)	70.2 ( 61.8 - 79.6)	83.4 (74.8 - 92.9)
Finland	87.4 ( 79.0 - 96.6)	65.2 ( 52.5 - 80.9)	74.6 ( 61.7 - 90.3)
Iceland			2
Norway	92.7 ( 88.0 - 97.6)	81.1 ( 71.8 - 91.5)	87.5 (78.4 - 97.6)
Sweden	84.8 ( 80.4 - 89.5)	68.5 ( 61.6 - 76.2)	80.8 ( 73.7 - 88.6)
Ireland	81.2 ( 73.3 - 90.0)	76.1 ( 64.0 - 90.4)	93.7 ( 81.5 - 107.6)
UK England	87.2 ( 85.3 - 89.1)	74.9 (71.6 - 78.3)	85.9 (82.7 - 89.3)
UK Northern Ireland	84.7 ( 75.1 - 95.5)	64.6 ( 50.1 - 83.3)	76.3 ( 61.0 - 95.5)
UK Scotland	82.8 ( 76.9 - 89.2)	62.6 ( 53.4 - 73.5)	75.6 ( 65.6 - 87.2)
UK Wales	87.9 (81.1 - 95.3)	<b>65.3 (</b> 54.1 - 78.8)	74.3 ( 62.6 - 88.1)
Austria	86.3 ( 80.5 - 92.5)	75.0 ( 64.7 - 86.9)	86.9 ( 76.3 - 98.9)
Belgium	92.2 ( 86.4 - 98.4)	76.3 ( 65.7 - 88.5)	82.7 (72.4 - 94.6)
France	86.2 (77.5 - 95.8)	68.9 ( 55.0 - 86.4)	80.0 ( 65.6 - 97.7)
Germany	95.1 ( 85.2 - 106.1)	80.5 ( 60.1 - 107.6)	84.6 ( 64.6 - 110.8)
Netherlands	95.2 ( 90.5 - 100.2)	88.3 ( 78.3 - 99.4)	92.7 ( 83.2 - 103.2)
Switzerland	91.8 ( 83.8 - 100.5)	71.1 ( 57.2 - 88.3)	77.4 ( 63.6 - 94.3)
Italy	88.9 ( 85.9 - 92.0)	73.7 ( 68.7 - 79.1)	83.0 (78.0 - 88.2)
Malta *	67.5 ( 58.9 - 77.4)	<b>62.9 (</b> 49.2 - 80.4)	93.2 ( 76.0 - 114.1)
Portugal	91.6 ( 83.9 - 100.0)	75.1 ( 62.1 - 90.9)	82.0 ( 69.3 - 97.2)
Slovenia	82.1 ( 68.5 - 98.3)	63.3 ( 43.9 - 91.1)	77.1 ( 56.2 - 105.8)
Spain	<b>89.0 (</b> 83.9 - 94.5)	72.1 ( 63.1 - 82.5)	81.0 (71.8 - 91.4)
Czech Republic	72.7 ( 55.9 - 94.7)		
Poland	67.5 ( 53.8 - 84.7)	51 <b>2</b> 1	
EUROPE	86.8 (84.9 - 88.8)	72.9 ( 70.5 - 75.5)	84.0 (81.9 - 86.2)

\* age-standardized survival implausibly low due to unstable estimates in one ore more age classes

Penis

#### Bladder



		15-4	15-44		45-54		55-64		74	75-99		All adults	
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(3,98	33)	(11,2	91)	(28,6	19)	(55,1	82)	(59,7	63)	(158,8	338)
Persons	One year	95.9	96.1	92.6	93.1	90.1	91.2	84.6	87.2	69.4	76.5	81.5	85.3
	Three years	91.0	91.4	84.7	86.0	79.0	82.1	69.5	76.6	47.7	64.9	65.6	75.7
	Five years	88.7	89.6	80.5	82.8	72.8	78.0	60.2	71.8	34.7	60.0	56.3	71.9
Men	One year	96.7	96.9	92.7	93.2	90.1	91.3	85.0	88.0	71.6	79.4	82.8	86.9
	Three years	92.2	92.7	84.4	85.8	78.7	82.1	69.2	77.1	48.7	67.4	66.5	77.0
	Five years	89.7	90.6	79.8	82.2	72.1	77.8	59.4	72.0	34.7	61.9	56.6	72.8
Women	One year	93.8	93.9	92.3	92.6	89.9	90.5	83.2	84.7	64.3	69.9	77.1	80.4
	Three years	87.7	88.0	85.9	86.7	80.6	82.3	71.0	75.2	45.3	59.1	62.9	71.7
	Five years	86.3	86.8	83.4	84.8	76.1	79.0	64.1	71.2	34.7	56.0	55.3	69.3

Age-standardized 1-yr and 5-yr	relative survival (95% confid	ence intervals) and at 5 yrs co	onditional on surviving 1 year
COUNTRY	One year	Five years	Conditional
Denmark	84.0 ( 83.1 - 84.9)	68.9 ( 67.5 - 70.3)	82.0 ( 80.6 - 83.4)
Finland	89.5 ( 88.2 - 90.7)	75.7 (73.6 - 77.9)	84.6 (82.6 - 86.8)
Iceland	88.7 ( 84.2 - 93.4)	75.0 ( 67.9 - 82.9)	84.6 (77.7 - 92.1)
Norway	87.7 ( 86.7 - 88.8)	74.5 ( 72.8 - 76.2)	84.9 ( 83.3 - 86.6)
Sweden	88.0 ( 87.2 - 88.8)	74.9 (73.6 - 76.2)	85.2 ( 83.9 - 86.4)
Ireland	83.9 (82.2 - 85.6)	72.4 ( 69.9 - 75.0)	86.3 (83.8 - 88.9)
UK England	84.7 ( 84.3 - 85.0)	72.4 (71.9 - 72.9)	85.5 ( 85.0 - 86.0)
UK Northern Ireland	78.4 (75.5 - 81.4)	61.8 ( 57.9 - 65.9)	78.8 (74.8 - 83.1)
UK Scotland	80.0 (78.7 - 81.3)	63.6 ( 61.8 - 65.4)	79.5 (77.6 - 81.4)
UK Wales	86.4 (85.2 - 87.6)	73.3 (71.4 - 75.3)	84.8 ( 82.9 - 86.8)
Austria	88.6 (87.8 - 89.4)	77.8 ( 76.4 - 79.2)	87.9 (86.5 - 89.2)
Belgium	86.5 (85.4 - 87.6)	69.6 ( 67.8 - 71.4)	80.4 (78.6 - 82.2)
France	83.1 (81.7 - 84.6)	62.4 ( 60.3 - 64.6)	75.1 (72.8 - 77.4)
Germany	89.1 (87.3 - 91.0)	78.2 ( 75.0 - 81.5)	87.7 ( 84.6 - 90.9)
Netherlands	88.5 (87.6 - 89.3)	75.9 (74.4 - 77.5)	85.8 ( 84.3 - 87.4)
Switzerland	85.4 (83.6 - 87.4)	64.0 ( 61.0 - 67.1)	74.9 (71.8 - 78.2)
Italy	90.3 ( 89.9 - 90.7)	77.0 ( 76.3 - 77.7)	85.3 ( 84.6 - 86.0)
Malta	87.7 ( 84.2 - 91.3)	74.7 ( 69.0 - 81.0)	85.3 ( 79.5 - 91.4)
Portugal	82.2 ( 79.9 - 84.5)	66.6 ( 63.3 - 70.0)	81.1 ( 77.7 - 84.5)
Slovenia	78.0 (74.9 - 81.2)	56.5 ( 52.0 - 61.3)	72.4 ( 67.4 - 77.8)
Spain	87.4 ( 86.5 - 88.3)	73.7 ( 72.3 - 75.1)	84.3 ( 83.0 - 85.7)
Czech Republic	85.0 (81.9 - 88.1)	70.7 ( 65.5 - 76.3)	83.2 ( 77.7 - 89.0)
Poland	76.6 (74.5 - 78.8)	61.2 ( 58.2 - 64.3)	79.9 ( 76.7 - 83.2)
EUROPE	86.4 ( 86.1 - 86.7)	72.4 (71.9 - 72.8)	83.8 ( 83.3 - 84.3)

COUNTRY	Coverage Number of cases				Age-standardized five-year relative surviv							
	%	Men	Women	Persons		0 20	40	60	80			
Denmark	100	1,659	1,106	2,765	Denmark	<u> </u>		- l				
Finland	100	1,718	1,269	2,987	Finland			H i	1			
Iceland	100	100	68	168	Iceland	2	- I -		1			
Norway	100	1,273	889	2,162	Norway		+	- II	1			
Sweden	100	2,473	1,863	4,336	Sweden							
Ireland	100	813	458	1,271	Ireland		E-	- 1	1			
UK England	100	12,079	7,190	19,269	UKEngland		H					
UK Northern Ireland	100	426	304	730	UK Northern Ireland	-	·		1			
UK Scotland	100	1,574	1,097	2,671	UK Scotland		H-I	- 1				
UK Wales	100	798	474	1,272	UKWales		H	- 1				
Austria	100	3,273	2,437	5,710	Austria		-		£⊢ i			
Belgium	58	1,210	900	2,110	Belgium			H				
France	11	1,318	737	2,055	France			- H	i			
Germany	1	475	346	821	Germany			i	-			
Netherlands	34	1,603	1,063	2,666	Netherlands		H	ΗE	1			
Switzerland	27	514	310	824	Switzerland			T I	1			
Italy	25	7,501	4,066	11,567	Italy				1			
Malta	100	79	56	135	Malta		H	i	<b></b> i			
Portugal	43	345	196	541	Portugal			H	4			
Slovenia	100	553	349	902	Slovenia		H		1			
Spain	12	1,518	678	2,196	Spain		-	H H				
Czech Republic	8	571	372	943	Czech Republic			-6	1			
Poland	6	859	562	1,421	Poland				1			
TOTAL		42,732	26,790	69,522	EUROPE				1			

Europe, area-weighted observed and relative survival (%), by age at diagnosis (years)

		15-4	15-44		54	55-	64	65-74		75-99		All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(3,75	53)	(8,8)	18)	(16,0	56)	(22,4	88)	(18,4	07)	(69,5	22)
Persons	One year	87.6	87.7	83.0	83.3	79.0	79.9	73.1	75.1	55.6	60.4	72.3	74.7
	Three years	79.3	79.7	72.4	73.5	65.5	67.9	58.3	63.5	37.8	49.3	58.0	64.1
	Five years	75.7	76.4	66.7	68.5	59.2	63.0	50.2	58.6	27.9	44.8	50.5	59.9
Men	One year	86.6	86.8	81.9	82.3	78.1	79.2	72.1	74.6	57.0	62.7	72.8	75.3
	Three years	77.8	78.3	70.8	72.0	63.7	66.5	56.3	62.6	38.0	51.4	57.7	64.2
	Five years	74.3	75.1	64.4	66.4	56.8	61.2	47.6	57.4	27.6	47.1	49.7	59.6
Women	One year	89.2	89.3	85.2	85.5	80.8	81.3	74.6	75.9	54.2	58.2	71.6	73.7
	Three years	82.0	82.2	75.9	76.6	68.9	70.3	61.3	64.8	37.5	47.2	58.4	63.8
	Five years	78.1	78.5	71.7	72.8	63.9	66.3	54.5	60.3	28.3	42.7	51.6	60.3

COUNTRY	One year	Five years	Conditional
Denmark	65.0 ( 63.2 - 66.9)	45.1 ( 42.9 - 47.4)	69.4 ( 66.6 - 72.2)
Finland	74.6 (72.9 - 76.4)	58.0 ( 55.7 - 60.3)	77.7 ( 75.2 - 80.3)
celand	71.1 ( 64.6 - 78.3)	52.7 ( 44.5 - 62.5)	74.1 ( 64.4 - 85.3)
Norway	67.9 ( 65.8 - 69.9)	49.3 ( 46.9 - 51.9)	72.7 ( 69.8 - 75.7)
Sweden	73.7 ( 72.3 - 75.1)	54.1 ( 52.4 - 56.0)	73.4 ( 71.5 - 75.5)
Ireland	64.2 ( 61.4 - 67.0)	47.2 ( 43.9 - 50.6)	73.5 ( 69.5 - 77.7)
UK England	62.7 ( 62.0 - 63.5)	45.6 ( 44.7 - 46.4)	72.6 ( 71.5 - 73.7)
UK Northern Ireland	66.6 ( 63.1 - 70.2)	<b>51.9 (</b> 47.7 - 56.5)	78.0 ( 73.0 - 83.3)
UK Scotland	62.0 ( 60.1 - 64.0)	42.9 ( 40.7 - 45.3)	69.3 ( 66.3 - 72.4)
JK Wales	64.9 ( 62.2 - 67.7)	48.7 ( 45.5 - 52.2)	75.0 ( 71.1 - 79.2
Austria	79.7 (78.5 - 80.8)	68.1 ( 66.5 - 69.8)	85.5 ( 83.8 - 87.2)
Belgium	76.6 (74.7 - 78.5)	58.8 ( 56.2 - 61.5)	76.8 ( 74.0 - 79.7)
France	79.2 (77.3 - 81.1)	60.6 ( 57.9 - 63.3)	76.5 ( 73.7 - 79.4)
Germany	79.7 ( 76.5 - 83.0)	64.9 ( 60.2 - 69.9)	81.4 ( 76.4 - 86.7)
Netherlands	68.1 ( 66.3 - 70.1)	51.0 ( 48.6 - 53.4)	74.8 ( 72.0 - 77.6)
Switzerland	73.8 ( 70.7 - 77.0)	56.5 ( 52.6 - 60.7)	76.6 ( 72.3 - 81.0)
taly	79.0 (78.2 - 79.8)	63.9 ( 62.8 - 65.0)	80.8 ( 79.7 - 81.9)
Valta	68.8 ( 60.1 - 78.7)	58.5 ( 47.7 - 71.7)	85.1 ( 73.0 - 99.2)
Portugal	75.4 (71.5 - 79.4)	61.9 ( 56.9 - 67.3)	82.1 ( 77.0 - 87.7)
Slovenia	72.8 ( 69.3 - 76.5)	53.1 ( 48.7 - 57.9)	73.0 ( 68.0 - 78.3)
Spain	72.3 ( 70.3 - 74.3)	58.9 ( 56.4 - 61.5)	81.5 ( 78.9 - 84.3)
Czech Republic	73.8 ( 70.5 - 77.2)	53.7 ( 49.2 - 58.6)	72.8 ( 67.6 - 78.5)
Poland	68.3 ( 65.6 - 71.2)	<b>53.8 (</b> 50.3 - 57.4)	78.6 ( 74.6 - 82.9)
EUROPE	73.8 ( 73.4 - 74.3)	58.0 ( 57.4 - 58.6)	78.6 ( 77.9 - 79.3)

Kidney

100

#### COUNTRY Coverage Number of cases Men Women Persons % Norway Sweden Ireland UK England **UK Northern Ireland UK Scotland** UK Wales Austria Belgium France Germany Netherlands Switzerland Italy Malta Portugal Slovenia Spain Czech Republic Poland TOTAL 1,169 1,038 2,207



	Europe, area	a-weight	ed obse	erved a	nd rela	tive sur	rvival (	%), by a	ge at d	iagnos	is (years	5)	
		15-4	14	45-	54	55-0	64	65-74	74	75-99		All adults	
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(25	9)	(36	7)	(54	8)	(58	5)	(44	8)	(2,20	07)
Persons	One year	97.9	98.1	96.1	96.5	93.2	94.2	91.2	93.5	80.3	86.6	93.0	95.2
	Three years	92.6	93.1	83.2	84.4	80.2	82.9	71.8	77.8	59.5	75.7	77.5	83.5
	Five years	80.5	81.1	69.8	71.5	68.4	72.6	55.4	64.3	40.8	62.9	62.4	70.9
Men	One year	98.2	98.4	98.3	98.8	84.3	85.4	88.4	91.4	79.4	87.5	91.5	94.1
	Three years	92.2	92.7	82.1	83.5	70.9	73.8	68.8	76.7	61.0	83.1	75.5	82.2
	Five years	85.5	86.5	66.5	68.4	59.7	64.1	49.5	60.5	36.3	63.0	59.3	68.7
Women	One year	97.7	97.7	92.1	92.4	95.1	95.7	93.9	95.5			94.1	96.0
	Three years	93.7	93.9	84.7	85.5	82.9	84.7	74.4	78.5			79.4	84.4
	Five years			76.4	77.6	70.4	73.2	60.7	67.2			65.5	72.9

COUNTRY	One year	Five years	Conditional
Norway	97.2 ( 92.7 - 102.1)	77.8 ( 67.8 - 89.3)	80.0 ( 70.4 - 91.0)
Sweden	96.3 ( 92.6 - 100.1)	66.4 ( 58.2 - 75.7)	68.9 ( 60.8 - 78.1)
Ireland	89.1 (81.0 - 98.1)	73.5 ( 60.8 - 88.7)	82.4 ( 70.1 - 97.0)
UK England	97.9 ( 96.0 - 99.8)	78.0 ( 73.2 - 83.2)	79.7 ( 75.0 - 84.8)
UK Northern Ireland	274) (h) (h <del>,</del>	201 00 0 <del></del>	
UK Scotland	95.0 ( 89.7 - 100.6)	74.9 ( 64.2 - 87.4)	78.9 ( 68.3 - 91.0)
UK Wales	92.4 ( 84.0 - 101.6)	74.7 ( 59.2 - 94.2)	80.8 ( 65.4 - 99.9)
Austria	81.2 ( 70.3 - 93.8)	48.6 ( 35.7 - 66.3)	59.9 ( 45.5 - 78.8)
Belgium	100.3 ( 96.9 - 103.8)	85.5 ( 70.7 - 103.5)	85.3 ( 70.7 - 102.9)
France	96.4 ( 91.1 - 102.0)	72.4 ( 60.6 - 86.5)	75.1 ( 63.4 - 88.9)
Germany	<b>98.2 (</b> 90.9 - 106.0)	<b>51.6 (</b> 30.8 - 86.5)	52.6 ( 31.6 - 87.6)
Netherlands	102.0 ( 99.8 - 104.3)	79.0 ( 68.9 - 90.5)	77.4 ( 67.6 - 88.6)
Switzerland	96.7 ( 86.8 - 107.8)	45.1 ( 25.8 - 78.9)	46.6 ( 26.9 - 80.8)
Italy	96.6 ( 93.4 - 100.0)	66.5 ( 58.6 - 75.4)	68.8 ( 60.9 - 77.7)
Malta	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -		e °
Portugal	91.4 ( 76.5 - 109.3)	66.0 ( 46.2 - 94.4)	72.2 ( 53.0 - 98.4)
Slovenia	98.4 ( 91.0 - 106.3)	71.1 ( 54.4 - 92.9)	72.3 ( 55.9 - 93.3)
Spain	91.7 ( 83.3 - 101.0)	68.8 ( 55.4 - 85.5)	75.1 ( 61.8 - 91.1)
Czech Republic *	59.3 ( 44.8 - 78.4)	51.8 ( 33.8 - 79.5)	87.4 ( 63.2 - 120.9)
Poland			-
EUROPE	92.3 ( 90.1 - 94.6)	67.8 ( 63.8 - 72.2)	73.5 ( 69.4 - 77.8)

\* age-standardized survival implausibly low due to unstable estimates in one ore more age classes

### Melanoma of choroid

COUNTRY	Coverage	N	umber of	cases	Age-s	tandardized	five-year re	lative survi	val (%)
	%	Men	Women	Persons	(	0 20	40	60	80
Denmark	100	1,007	751	1,758	Denmark	i h			
Finland	100	753	645	1,398	Finland			i	i
lceland	100	40	30	70	Iceland			1	1
Norway	100	809	642	1,451	Norway	F	- 1	i	i
Sweden	100	1,305	1,001	2,306	Sweden	-		ł	1
Ireland	100	632	465	1,097	Ireland	H-	i i	i i	i i
UK England	100	7,988	5,803	13,791	UKEngland	H	1		
UK Northern Ireland	100	266	183	449	UK Northern Ireland	H 1	1	1	1
UK Scotland	100	861	666	1,527	UKScotland	i - I		i i	1
UK Wales	100	522	384	906	UKWales	H	- i	1	
Austria	100	1,032	826	1,858	Austria	H-I	i	i	i
Belgium	58	601	461	1,062	Belgium	-	4	ł	
France	11	538	425	963	France	1-1-1-		1	1
Germany	1	185	148	333	Germany	H		i	i
Netherlands	34	917	663	1,580	Netherlands	- H		1	1
Switzerland	27	299	223	522	Switzerland	1	н Ì	i	i i
Italy	25	2,977	2,468	5,445	Italy	H			
Malta	100	53	34	87	Malta			ļ.	1
Portugal	43	244	196	440	Portugal	F	H	i i	i
Slovenia	100	244	191	435	Slovenia	- H-I	1	1	1
Spain	12	902	719	1,621	Spain	H		i	1
Czech Republic	8	101	91	192	Czech Republic		1		
Poland	6	410	360	770	Poland	) <del>-</del>	i	į	į
TOTAL		22,686	17,375	40,061	EUROPE				

Europe, area-weighted observed and relative survival (%), by age at diagnosis (years) 15-44 45-54 55-64 65-74 75-99 All adults

		15-4	44	45-	54	55-	64	65-	14	15-5	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(8,24	47)	(6,5	95)	(8,8)	77)	(10,2	255)	(6,08	37)	(40,0	61)
Persons	One year	77.0	77.1	51.5	51.7	34.8	35.2	17.7	18.1	9.0	9.6	38.4	39.1
	Three years	56.0	56.2	22.7	23.0	10.6	11.0	5.1	5.6	3.4	4.3	19.8	21.0
	Five years	46.7	47.0	19.0	19.5	8.0	8.5	3.9	4.5	2.3	3.5	16.1	17.9
Men	One year	76.0	76.1	49.3	49.6	34.4	34.8	18.3	18.9	8.2	9.0	39.2	40.1
	Three years	53.9	54.2	19.8	20.1	9.0	9.4	5.4	6.0	2.9	3.9	19.2	20.6
	Five years	44.1	44.5	16.6	17.0	6.7	7.2	4.0	4.8	1.7	2.9	15.5	17.4
Women	One year	78.5	78.6	54.8	55.0	35.6	35.8	16.8	17.1	9.6	10.2	37.3	37.9
	Three years	58.9	59.0	27.4	27.6	12.9	13.2	4.8	5.1	3.9	4.8	20.4	21.5
	Five years	50.4	50.6	22.9	23.3	9.8	10.2	3.9	4.3	2.9	4.1	17.0	18.6

COUNTRY	One year	Five years	Conditional
Denmark	41.9 ( 39.9 - 44.0)	18.1 ( 16.4 - 20.0)	43.2 ( 39.7 - 47.0)
Finland	48.3 ( 46.1 - 50.6)	26.8 ( 24.8 - 28.9)	55.4 ( 52.2 - 58.8)
Iceland	44.5 ( 35.1 - 56.4)	23.9 ( 16.0 - 35.7)	53.8 ( 39.0 - 74.1)
Norway	47.6 ( 45.4 - 49.9)	23.5 ( 21.5 - 25.8)	49.4 ( 45.8 - 53.4)
Sweden	45.5 ( 43.8 - 47.2)	19.7 ( 18.2 - 21.3)	43.3 ( 40.5 - 46.2)
Ireland	37.1 ( 34.7 - 39.7)	20.8 ( 18.5 - 23.4)	56.1 ( 51.0 - 61.7)
UK England	37.1 ( 36.4 - 37.8)	17.6 ( 16.9 - 18.3)	47.4 ( 45.9 - 49.0)
UK Northern Ireland	36.1 ( 32.4 - 40.3)	15.3 ( 12.5 - 18.9)	42.5 ( 35.6 - 50.7)
UK Scotland	39.4 ( 37.2 - 41.6)	19.6 ( 17.7 - 21.8)	49.9 ( 45.6 - 54.5)
UK Wales	41.3 ( 38.6 - 44.3)	23.8 ( 21.0 - 26.9)	57.5 ( 52.0 - 63.6)
Austria	44.1 ( 42.1 - 46.2)	20.8 ( 19.0 - 22.8)	47.2 ( 43.7 - 51.0)
Belgium	46.6 ( 43.9 - 49.4)	22.7 ( 20.3 - 25.3)	48.6 ( 44.3 - 53.4)
France	45.7 ( 43.0 - 48.7)	18.3 ( 15.9 - 21.0)	39.9 ( 35.3 - 45.2)
Germany	44.2 ( 39.9 - 49.0)	22.6 ( 18.5 - 27.6)	51.1 ( 43.1 - 60.6)
Netherlands	40.4 ( 38.3 - 42.6)	19.1 ( 17.4 - 21.0)	47.3 ( 43.7 - 51.2)
Switzerland	43.9 ( 40.3 - 47.9)	21.2 ( 18.1 - 24.9)	48.3 ( 42.2 - 55.3)
Italy	46.2 ( 44.9 - 47.5)	19.6 ( 18.5 - 20.9)	42.5 ( 40.2 - 44.9)
Malta	34.2 ( 25.9 - 45.3)	37 <b>-</b> 1	
Portugal	44.5 ( 40.3 - 49.1)	<b>24.5 (</b> 20.7 - 29.1)	55.2 ( 48.0 - 63.4)
Slovenia	39.2 ( 35.6 - 43.1)	15.6 ( 12.7 - 19.3)	39.9 ( 33.1 - 48.1)
Spain	36.7 ( 34.5 - 39.0)	17.1 ( 15.3 - 19.2)	46.7 ( 42.4 - 51.4)
Czech Republic	42.2 ( 36.6 - 48.7)		
Poland	42.1 ( 39.1 - 45.3)	<b>19.8 (</b> 17.0 - 23.0)	46.9 ( 41.0 - 53.6)
EUROPE	42.7 ( 42.1 - 43.4)	19.7 ( 19.1 - 20.3)	46.0 ( 44.9 - 47.2)

Brain

100

### Thyroid gland



		15-4	44	45-	54	55-	64	65-7	74	75-9	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(8,2	16)	(4,78	80)	(3,6	01)	(3,55	52)	(2,76	54)	(22,9	13)
Persons	One year	99.4	99.5	96.3	96.6	90.6	91.3	78.9	80.5	53.2	57.5	88.9	90.1
	Three years	98.9	99.2	94.3	95.3	86.4	88.6	69.8	74.7	40.4	51.7	84.7	88.4
	Five years	98.2	98.7	92.7	94.3	82.5	86.2	63.2	71.4	31.2	48.6	81.4	87.6
Men	One year	98.4	98.6	92.2	92.7	85.2	86.3	72.2	74.6	54.4	59.9	84.6	86.4
	Three years	97.4	97.9	87.9	89.4	78.6	81.9	61.0	67.7	39.7	53.8	78.4	83.4
	Five years	95.9	96.8	85.2	87.7	71.9	77.3	53.5	64.4	26.8	46.0	73.2	81.4
Women	One year	99.6	99.7	97.6	97.8	93.0	93.5	81.3	82.6	52.6	56.5	90.2	91.3
	Three years	99.3	99.5	96.2	97.0	89.7	91.4	73.2	77.2	40.6	51.0	86.7	90.0
	Five years	98.8	99.2	94.9	96.3	87.1	90.0	67.0	73.9	32.7	49.5	84.0	89.6

Age-standardized 1-yr and 5-yr	r relative survival (95% confide	ence intervals) and at 5 yrs c	onditional on surviving 1 year
COUNTRY	One year	Five years	Conditional
Denmark	84.4 ( 81.3 - 87.6)	76.0 ( 72.0 - 80.3)	90.1 ( 86.5 - 93.9)
Finland	90.1 ( 88.4 - 91.9)	87.2 ( 84.9 - 89.7)	96.8 ( 94.9 - 98.7)
Iceland	96.7 ( 92.3 - 101.4)	<b>95.0 (</b> 86.5 - 104.3)	98.2 ( 90.6 - 106.5)
Norway	88.9 ( 86.4 - 91.4)	85.4 ( 82.0 - 89.0)	96.1 ( 93.3 - 99.0)
Sweden	88.0 ( 86.1 - 89.8)	83.6 (81.1 - 86.1)	95.0 ( 93.0 - 97.1)
Ireland	80.3 ( 75.9 - 85.0)	75.4 ( 70.0 - 81.2)	<b>93.9 (</b> 89.4 - 98.5)
UK England	83.7 ( 82.6 - 84.8)	77.6 ( 76.2 - 79.2)	92.8 (91.5 - 94.1)
UK Northern Ireland	84.4 (78.8 - 90.5)	78.2 ( 70.9 - 86.2)	92.6 (86.5 - 99.2)
UK Scotland	80.5 (77.2 - 83.8)	76.7 (72.6 - 81.1)	<b>95.4 (</b> 91.8 - 99.0)
UK Wales	89.5 ( 85.3 - 93.8)	79.8 ( 73.7 - 86.5)	89.3 ( 83.6 - 95.3)
Austria	89.3 (87.9 - 90.8)	84.9 (82.9 - 87.1)	95.1 ( 93.4 - 96.9)
Belgium	86.2 (83.1 - 89.4)	72.9 ( 68.7 - 77.4)	84.6 ( 80.8 - 88.7)
France	91.2 ( 88.9 - 93.5)	87.2 ( 84.1 - 90.4)	95.6 ( 93.2 - 98.1)
Germany	84.5 ( 80.4 - 88.9)	84.3 ( 78.9 - 90.0)	99.7 ( 95.6 - 104.0)
Netherlands	83.4 ( 80.2 - 86.9)	75.7 ( 71.7 - 80.0)	90.7 ( 87.4 - 94.2)
Switzerland	89.4 (86.2 - 92.7)	85.6 (81.4 - 90.1)	95.8 ( 92.5 - 99.3)
Italy	90.7 ( 89.8 - 91.6)	86.4 ( 85.2 - 87.7)	95.3 ( 94.3 - 96.3)
Malta	87.4 ( 80.1 - 95.4)	80.1 ( 68.8 - 93.2)	91.6 ( 80.9 - 103.7)
Portugal	91.7 ( 88.4 - 95.1)	86.0 ( 81.0 - 91.4)	<b>93.8 (</b> 89.4 - 98.5)
Slovenia	87.1 ( 83.2 - 91.1)	88.5 ( 83.2 - 94.1)	<b>101.6 (</b> 97.5 - 105.9)
Spain	87.8 ( 85.3 - 90.5)	82.0 ( 78.6 - 85.6)	93.4 ( 90.6 - 96.3)
Czech Republic	78.4 (71.4 - 86.1)	72.1 ( 63.6 - 81.8)	92.0 ( 84.6 - 100.1)
Poland	84.7 ( 81.3 - 88.2)	82.3 (77.8 - 87.1)	<b>97.2 (</b> 93.5 - 101.1)
EUROPE	87.6 (87.0 - 88.2)	82.9 ( 82.0 - 83.7)	94.6 ( 93.9 - 95.3)

### Non-Hodgkin's lymphoma

COUNTRY	Coverage	1	Number of	cases	
	%	Men	Women	Persons	
Denmark	100	1,802	1,578	3,380	
Finland	100	1,765	1,751	3,516	
Iceland	100	77	60	137	
Norway	100	1,499	1,317	2,816	
Sweden	100	3,066	2,720	5,786	
Ireland	100	1,038	889	1,927	
UK England	100	16,692	14,777	31,469	
UK Northern Ireland	100	559	568	1,127	UK
UK Scotland	100	1,860	1,925	3,785	
UK Wales	100	888	799	1,687	
Austria	100	1,863	1,946	3,809	
Belgium	58	1,467	1,233	2,700	
France	11	1,331	1,146	2,477	
Germany	1	370	354	724	
Netherlands	34	1,937	1,600	3,537	
Switzerland	27	650	612	1,262	
Italy	25	6,985	6,675	13,660	
Malta	100	119	105	224	
Portugal	43	623	609	1,232	
Slovenia	100	397	415	812	
Spain	14	1,745	1,453	3,198	
Czech Republic	8	189	213	402	
Poland	6	432	427	859	
TOTAL		47,354	43,172	90,526	



		15-4	44	45-	54	55-	64	65-	74	75-9	99	All ad	ults
		obs	rel	obs	rel								
		(11,3	34)	(12,1	31)	(17,5	35)	(24,4	12)	(25,1	14)	(90,5	26)
Persons	One year	82.5	82.7	82.9	83.2	79.4	80.2	70.9	72.7	52.2	56.8	70.9	73.1
	Three years	72.4	72.7	71.5	72.4	64.7	66.8	53.1	57.6	33.0	43.4	55.1	60.7
	Five years	68.9	69.4	65.7	67.2	56.3	59.5	42.4	49.1	22.6	36.9	46.6	55.0
Men	One year	79.7	79.8	80.8	81.3	77.3	78.3	69.7	72.0	51.4	56.8	70.5	73.0
	Three years	69.4	69.8	68.9	70.0	61.5	64.1	50.4	56.0	31.5	43.3	54.3	60.2
	Five years	66.1	66.7	62.9	64.7	52.4	56.4	38.9	47.0	20.1	35.3	45.4	54.1
Women	One year	87.0	87.1	85.8	86.1	82.1	82.6	72.2	73.5	52.8	57.0	71.2	73.3
	Three years	77.1	77.3	75.3	76.0	68.7	70.1	55.9	59.1	34.2	43.6	56.0	61.3
	Five years	73.3	73.6	69.7	70.7	61.1	63.3	46.2	51.1	24.6	38.1	47.8	55.9

COUNTRY	One year	Five years	Conditional
Denmark	70.9 ( 69.2 - 72.6)	49.4 ( 47.3 - 51.5)	69.7 ( 67.2 - 72.2
Finland	70.7 ( 69.1 - 72.4)	49.4 ( 47.4 - 51.4)	69.9 ( 67.6 - 72.2
Iceland	82.9 ( 75.8 - 90.6)	51.3 ( 42.2 - 62.2)	61.9 ( 52.1 - 73.5
Norway	73.7 (71.9 - 75.5)	52.3 ( 50.1 - 54.6)	71.0 ( 68.4 - 73.6
Sweden	75.1 (74.0 - 76.3)	53.2 ( 51.7 - 54.7)	70.8 ( 69.2 - 72.5
Ireland	66.1 ( 63.8 - 68.5)	48.4 ( 45.7 - 51.4)	73.3 ( 69.9 - 76.8
UK England	<b>69.4 (</b> 68.8 - 69.9)	50.7 ( 50.0 - 51.4)	73.1 ( 72.3 - 73.9
UK Northern Ireland	66.2 ( 63.3 - 69.2)	47.3 ( 43.9 - 51.0)	71.5 ( 67.3 - 75.9
UK Scotland	68.4 ( 66.8 - 70.0)	50.0 ( 48.0 - 52.0)	73.1 ( 70.8 - 75.5
UK Wales	69.2 ( 66.9 - 71.6)	46.4 ( 43.6 - 49.3)	67.0 ( 63.6 - 70.6
Austria	70.4 ( 68.8 - 71.9)	50.6 ( 48.6 - 52.7)	72.0 ( 69.6 - 74.4
Belgium	75.0 (73.3 - 76.8)	<b>56.5 (</b> 54.3 - 58.9)	75.4 ( 72.9 - 78.0
France	71.6 ( 69.7 - 73.5)	50.4 ( 48.1 - 52.9)	70.5 ( 67.8 - 73.2
Germany	74.4 ( 70.9 - 78.1)	56.6 ( 51.8 - 61.9)	76.1 ( 70.7 - 82.0
Netherlands	71.7 ( 70.2 - 73.4)	49.3 ( 47.3 - 51.4)	68.7 ( 66.3 - 71.2
Switzerland	77.0 (74.5 - 79.6)	55.6 ( 52.3 - 59.0)	72.2 ( 68.6 - 75.9
Italy	74.6 (73.8 - 75.4)	55.8 ( 54.8 - 56.8)	74.8 ( 73.7 - 75.9
Malta	66.7 ( 59.9 - 74.3)	56.0 ( 47.5 - 66.0)	84.0 ( 74.3 - 95.0
Portugal	70.7 ( 67.9 - 73.6)	50.7 ( 47.3 - 54.4)	71.7 ( 67.7 - 76.0
Slovenia	74.1 ( 70.7 - 77.7)	<b>55.7 (</b> 51.1 - 60.7)	75.1 ( 69.9 - 80.8
Spain	69.8 ( 68.0 - 71.6)	51.9 ( 49.8 - 54.1)	74.4 ( 72.0 - 76.9
Czech Republic	71.5 ( 66.4 - 76.9)	54.2 ( 47.3 - 62.2)	75.9 ( 67.6 - 85.2
Poland	<b>66.6 (</b> 63.1 - 70.3)	40.2 ( 36.2 - 44.6)	60.3 ( 55.2 - 65.9
EUROPE	71.8 ( 71.3 - 72.3)	51.5 ( 50.9 - 52.2)	71.8 ( 71.1 - 72.6

#### Hodgkin's disease



		15-4	14	45-	54	55-	64	65-	74	75-9	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(9,2	56)	(1,72	25)	(1,49	99)	(1,5	11)	(1,1)	18)	(15,1	09)
Persons	One year	98.4	98.5	93.5	93.9	84.9	85.8	75.1	77.0	51.9	56.1	90.7	91.6
	Three years	94.2	94.5	84.7	85.8	74.6	77.1	60.5	65.6	31.9	41.2	83.1	85.8
	Five years	91.9	92.4	79.6	81.5	66.5	70.4	52.4	60.6	21.7	34.3	78.8	83.2
Men	One year	97.7	97.9	91.6	92.1	82.2	83.2	73.1	75.5	49.5	54.5	90.2	91.2
	Three years	92.6	93.0	82.0	83.3	71.6	74.6	58.3	64.7	29.8	40.3	82.0	84.9
	Five years	90.2	90.8	77.1	79.3	64.5	69.5	49.6	59.8			77.8	82.5
Women	One year	99.1	99.1	96.7	97.0	88.8	89.3	77.5	78.8	53.5	57.2	91.3	92.1
	Three years	96.1	96.3	89.2	89.9	78.9	80.5	63.1	66.7	33.4	41.5	84.4	86.8
	Five years	94.0	94.3	83.9	85.1	69.4	71.9	55.5	61.4	22.3	33.2	80.0	84.0

COUNTRY	One year	Five years	Conditional
Denmark	88.4 ( 85.9 - 90.9)	79.6 ( 76.3 - 83.1)	90.1 ( 87.3 - 93.0)
Finland	92.6 ( 90.1 - 95.2)	84.0 ( 80.3 - 87.9)	90.7 ( 87.5 - 94.1)
Iceland	-	an on the second	-
Norway	91.3 ( 88.3 - 94.5)	83.9 ( 79.8 - 88.2)	91.9 ( 88.5 - 95.3)
Sweden	92.0 ( 90.2 - 93.9)	83.0 ( 80.4 - 85.7)	90.2 ( 87.9 - 92.5)
Ireland	85.7 ( 82.3 - 89.3)	72.5 ( 67.9 - 77.4)	84.6 ( 80.4 - 89.0)
UK England	89.7 ( 88.9 - 90.6)	78.6 (77.4 - 79.8)	87.6 ( 86.5 - 88.7
UK Northern Ireland	85.7 (81.0 - 90.7)	74.0 ( 67.6 - 81.0)	86.4 ( 80.5 - 92.7
UK Scotland	89.3 (87.0 - 91.8)	78.6 (75.4 - 82.0)	88.0 ( 85.2 - 90.9
UK Wales	89.6 ( 86.2 - 93.2)	75.4 ( 70.7 - 80.5)	84.1 ( 79.9 - 88.6
Austria	88.7 ( 86.3 - 91.2)	79.6 ( 76.2 - 83.1)	<b>89.7 (</b> 86.7 - 92.8
Belgium	91.6 (89.1 - 94.2)	83.5 ( 79.8 - 87.4)	91.2 ( 87.9 - 94.5
France	91.4 ( 89.2 - 93.7)	79.1 (75.9 - 82.4)	86.5 ( 83.7 - 89.4
Germany	90.2 ( 83.1 - 97.9)	7 <b>1</b>	-
Netherlands	91.8 ( 89.3 - 94.3)	81.7 ( 78.1 - 85.5)	89.1 ( 85.8 - 92.4
Switzerland	89.8 ( 86.2 - 93.5)	83.1 ( 78.0 - 88.5)	92.6 ( 88.2 - 97.2)
Italy	91.6 ( 90.5 - 92.8)	80.5 ( 78.8 - 82.3)	87.8 ( 86.3 - 89.4
Malta	92.8 ( 84.9 - 101.4)	-	÷
Portugal	89.0 ( 84.6 - 93.6)	75.7 ( 69.4 - 82.5)	85.0 ( 79.2 - 91.2
Slovenia	91.4 ( 86.7 - 96.4)	82.5 ( 75.4 - 90.2)	90.2 ( 84.0 - 96.9
Spain	89.5 ( 87.0 - 92.0)	80.1 ( 76.7 - 83.6)	89.5 ( 86.6 - 92.5)
Czech Republic	89.2 ( 82.9 - 96.0)	79.7 ( 70.9 - 89.6)	89.4 ( 81.6 - 97.9)
Poland	89.7 ( 85.6 - 93.9)	78.4 (73.1 - 84.1)	87.5 ( 82.9 - 92.2)
EUROPE	90.4 ( 89.7 - 91.1)	80.1 ( 79.1 - 81.1)	88.7 ( 87.8 - 89.5

## Multiple myeloma

COUNTRY	Coverage	1	lumber of	cases	Age-s	tandardized five	-year rela	tive survi	ival (%)	
	%	Men	Women	Persons	C	0 20	40	60	80	100
Denmark	100	662	558	1,220	Denmark			1		
Finland	100	480	575	1,055	Finland			1		
Iceland	100	30	35	65	Iceland			1		
Norway	100	723	623	1,346	Norway			i	i	
Sweden	100	1,297	1,103	2,400	Sweden			1	1	
Ireland	100	473	358	831	Ireland	H-1		i	i i	
UK England	100	6,496	5,965	12,461	UKEngland	- H				
UK Northern Ireland	100	238	210	448	UK Northern Ireland	-	H-l	1	1	
UK Scotland	100	654	692	1,346	UKScotland	-	H I	ł		
UK Wales	100	353	347	700	UKWales	1	41	1	1	
Austria	100	583	765	1,348	Austria	H	4	i	i	
Belgium	58	544	503	1,047	Belgium		-			
France	11	487	483	970	France		H-I	i	i	
Germany	1	119	123	242	Germany	i i i i i i i i i i i i i i i i i i i	-+-T	1		
Netherlands	34	755	698	1,453	Netherlands	H	H I	1	1	
Switzerland	27	209	207	416	Switzerland		<b>1</b>		1	
Italy	25	2,734	2,687	5,421	Italy		- H	1		
Malta	100	31	42	73	Malta			i	1	
Portugal	43	174	174	348	Portugal		$\square$	ł		
Slovenia	100	143	170	313	Slovenia	L L		i	i	
Spain	12	532	486	1,018	Spain	F	<b>H</b> -(	1		
Czech Republic	8	75	79	154	Czech Republic		1	1	1	
Poland	6	207	204	411	Poland			1		
TOTAL		17,999	17,087	35,086	EUROPE		3+ (	1		

		15-4	44	45-	54	55-6	54	65-	74	75-9	99	All ad	lults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(98:	2)	(3,00	06)	(6,52	29)	(11,2	50)	(13,3	19)	(35,0	86)
Persons	One year	88.9	89.0	84.3	84.7	78.5	79.3	71.4	73.3	51.9	56.5	67.7	70.5
	Three years	73.2	73.6	66.1	66.9	54.2	56.0	44.1	47.9	26.1	34.2	42.6	48.3
	Five years	62.2	62.8	51.8	53.0	38.0	40.2	26.8	31.0	13.1	21.2	27.4	34.0
Men	One year	89.2	89.4	84.2	84.6	77.7	78.7	70.1	72.5	51.2	56.7	68.2	71.4
	Three years	73.0	73.4	63.9	65.0	52.6	54.8	41.6	46.3	24.6	34.0	42.3	48.6
	Five years	61.8	62.5	49.6	51.0	36.4	39.1	24.6	29.8	12.5	22.2	27.4	34.7
Women	One year	88.6	88.6	84.5	84.7	79.5	80.0	73.0	74.2	52.6	56.5	67.2	69.6
	Three years	73.4	73.7	69.2	69.8	56.3	57.4	46.8	49.5	27.3	34.4	42.9	48.0
	Five years	63.0	63.4	54.5	55.3	40.0	41.4	29.2	32.3	13.6	20.6	27.5	33.4

COUNTRY	One year	Five years	Conditional
Denmark	69.6 ( 66.8 - 72.4)	28.4 ( 25.6 - 31.6)	40.9 ( 37.1 - 45.0)
Finland	74.8 ( 72.2 - 77.5)	34.6 ( 31.7 - 37.9)	46.3 ( 42.7 - 50.3)
Iceland	73.1 ( 61.6 - 86.9)	30.2 ( 20.0 - 45.6)	41.3 ( 28.4 - 60.1)
Norway	76.8 ( 74.5 - 79.3)	37.4 ( 34.4 - 40.7)	48.7 ( 45.1 - 52.6)
Sweden	80.3 ( 78.7 - 82.0)	39.9 ( 37.7 - 42.3)	49.6 ( 47.1 - 52.4)
Ireland	62.8 ( 59.5 - 66.3)	27.7 ( 24.4 - 31.5)	44.1 ( 39.3 - 49.6)
UK England	67.1 ( 66.3 - 68.0)	30.6 ( 29.7 - 31.6)	45.6 ( 44.3 - 47.0)
UK Northern Ireland	68.6 ( 64.3 - 73.2)	32.5 ( 27.6 - 38.1)	47.3 ( 40.8 - 54.8)
UK Scotland	71.4 ( 68.8 - 74.0)	32.3 ( 29.3 - 35.6)	45.3 ( 41.3 - 49.6)
UK Wales	71.0 ( 67.5 - 74.6)	31.6 ( 27.8 - 36.0)	44.5 ( 39.5 - 50.1)
Austria	65.9 ( 63.4 - 68.6)	30.1 ( 27.3 - 33.3)	45.7 ( 41.7 - 50.1)
Belgium	78.9 (76.4 - 81.5)	46.7 ( 43.3 - 50.3)	59.1 ( 55.3 - 63.2)
France	80.0 (77.4 - 82.7)	41.1 ( 37.6 - 44.9)	51.4 ( 47.3 - 55.7)
Germany	69.0 ( 63.7 - 74.7)	28.8 ( 22.7 - 36.6)	41.8 ( 33.4 - 52.4)
Netherlands	73.1 ( 70.8 - 75.5)	32.3 ( 29.6 - 35.3)	44.2 ( 40.7 - 47.9)
Switzerland	78.0 (73.7 - 82.5)	35.9 ( 31.0 - 41.6)	46.1 ( 40.3 - 52.7)
Italy	78.0 ( 76.9 - 79.2)	42.9 ( 41.4 - 44.5)	55.0 ( 53.2 - 56.9)
Malta	73.6 ( 64.1 - 84.6)	<b>39.5 (</b> 29.3 - 53.3)	53.7 ( 41.3 - 69.9)
Portugal	64.1 ( 59.1 - 69.5)	34.4 ( 29.2 - 40.6)	53.7 ( 46.5 - 62.0)
Slovenia	70.4 ( 65.0 - 76.2)	33.2 ( 27.0 - 40.8)	47.1 ( 39.0 - 57.0)
Spain	74.6 (71.9 - 77.4)	34.0 ( 30.8 - 37.7)	45.6 ( 41.5 - 50.1)
Czech Republic	62.6 ( 55.1 - 71.0)	-	
Poland	59.7 ( 55.0 - 64.7)	23.1 ( 19.0 - 28.2)	38.8 ( 32.4 - 46.4)
EUROPE	72.3 ( 71.5 - 73.0)	35.1 ( 34.3 - 36.0)	48.6 ( 47.5 - 49.7)

### Acute Lymphatic Leukaemia

COUNTRY	Coverage	r	Number of	cases	Age-star	ndardized five	e-year rela	ative survi	val (%)	
	%	Men	Women	Persons	0	20	40	60	80	100
Denmark	100	74	64	138	Denmark					
Finland	100	87	67	154	Finland		H-		1	
Iceland	100	3	2	5	Iceland		<u> </u>	1	1	
Norway	100	66	48	114	Norway		i	i	1	
Sweden	100	127	121	248	Sweden			1		
Ireland	100	61	47	108	Ireland	Ě		i	i	
UK England	100	634	426	1,060	UKEngland	H	Fi			
<b>UK Northern Ireland</b>	100	33	19	52	UK Northern Ireland	E Contraction of the second se		ł	1	
UK Scotland	100	60	57	117	UK Scotland		+	- 1		
UK Wales	100	47	22	69	UKWales	1	1	1	1	
Austria	100	80	77	157	Austria		i i	i	i	
Belgium	58	64	47	111	Belgium		1		1	
France	11	68	54	122	France		l i i	i	i	
Germany	1	23	13	36	Germany					
Netherlands	34	85	60	145	Netherlands		<b>1</b>	1		
Switzerland	27	27	16	43	Switzerland					
Italy	25	223	214	437	Italy	-	4	1	1	
Malta	100	3	2	5	Malta		1	1	1	
Portugal	43	25	36	61	Portugal			1	1	
Slovenia	100	26	31	57	Slovenia		i.	i	i.	
Spain	12	85	63	148	Spain		- 1		1	
Czech Republic	8	8	13	21	Czech Republic	1	1	1	Î	
Poland	6	17	20	37	Poland			i		
TOTAL		1,926	1,519	3,445	EUROPE			1		
	Eu	rope, ar	ea-weighte	ed observed	and relative survival (%)	, by age at d	liagnosis	(years)		

		15-4	44	45-	54	55-	64	65-	74	75-9	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(1,70	06)	(41	6)	(41	9)	(43	8)	(46	6)	(3,44	45)
Persons	One year	73.1	73.2	56.5	56.7	41.4	41.8	29.3	30.0	13.7	15.1	53.9	54.8
	Three years	48.6	48.8	28.6	28.9	17.9	18.4	8.1	8.7	5.0	7.0	31.8	33.4
	Five years	43.6	43.8					5.2	5.9			27.1	29.4
Men	One year	73.4	73.4	50.8	51.1	41.5	42.0	26.9	27.7	9.4	10.5	54.5	55.4
	Three years	46.5	46.6	20.6	20.9	20.0	20.8	6.3	7.0	4.5	6.4	31.7	33.3
	Five years			16.7	17.2			4.7	5.6				
Women	One year	72.5	72.5	63.6	63.8	41.9	42.2	31.9	32.5	16.5	18.1	52.8	53.7
	Three years	50.5	50.6	37.9	38.2	15.0	15.3	9.6	10.2	4.8	7.1	31.5	33.1
	Five years	44.2	44.3			11.0	11.4	5.6	6.2	0.9	1.5	25.8	28.1

COUNTRY	One year	Five years	Conditional
Denmark	<b>60.3 (</b> 53.4 - 68.0)	34.1 ( 27.1 - 42.9)	56.6 ( 46.5 - 68.9
Finland	70.0 ( 64.0 - 76.5)	42.3 ( 35.2 - 50.8)	60.4 ( 51.4 - 70.9
Iceland			
Norway	65.9 ( 58.7 - 74.1)	-	-
Sweden	66.2 ( 60.7 - 72.2)	36.5 ( 30.7 - 43.3)	55.1 ( 47.5 - 63.8)
Ireland	61.2 ( 53.0 - 70.7)	35.8 ( 27.4 - 46.7)	58.5 ( 46.7 - 73.2)
UK England	56.4 ( 53.6 - 59.4)	31.5 ( 28.7 - 34.5)	55.8 ( 51.7 - 60.3)
UK Northern Ireland	55.7 ( 43.8 - 70.7)	25.4 ( 15.4 - 41.8)	45.6 ( 29.4 - 70.7
UK Scotland	<b>59.9 (</b> 51.6 - 69.5)	<b>43.8 (</b> 35.6 - 53.8)	73.1 ( 63.4 - 84.4
UK Wales	52.4 ( 42.2 - 64.9)	-	a. ₩1
Austria	53.3 ( 46.1 - 61.7)	-	<b>2</b> 7
Belgium	68.2 ( 61.4 - 75.7)	7.	
France	67.7 ( 60.5 - 75.8)	32.7 ( 25.3 - 42.2)	48.2 ( 38.3 - 60.6)
Germany	64.0 ( 50.7 - 80.7)	-	- 1 C
Netherlands	57.7 ( 50.9 - 65.3)	33.1 ( 26.7 - 40.9)	57.4 ( 48.3 - 68.2)
Switzerland	60.7 ( 49.6 - 74.4)	<b>29.0 (</b> 18.9 - 44.5)	47.8 ( 32.8 - 69.7)
Italy	<b>58.5 (</b> 54.0 - 63.4)	26.1 ( 21.7 - 31.4)	44.6 ( 37.7 - 52.8)
Malta	51 <b>=</b> 1	-	-
Portugal	<b>50.5 (</b> 39.8 - 64.0)	-	
Slovenia	47.7 ( 38.5 - 59.2)	<b>29.9 (</b> 21.1 - 42.4)	62.6 ( 47.5 - 82.5)
Spain	54.2 ( 47.1 - 62.5)	27.0 ( 20.5 - 35.5)	49.8 ( 39.3 - 63.0)
Czech Republic	43.9 ( 23.9 - 80.6)	÷.	
Poland	56.6 ( 44.8 - 71.4)	-	. <del></del>
EUROPE	58.3 ( 56.0 - 60.7)	-	-

### Chronic Lymphatic Leukaemia

COUNTRY	Coverage	N	Number of	cases	
	%	Men	Women	Persons	
Denmark	100	836	583	1,419	
Finland	100	330	236	566	
Iceland	100	25	17	42	
Norway	100	389	286	675	
Sweden	100	1,072	721	1,793	
Ireland	100	377	241	618	
UK England	100	4,954	3,464	8,418	
<b>UK Northern Ireland</b>	100	123	92	215	UKN
UK Scotland	100	677	492	1,169	
UK Wales	100	377	237	614	
Austria	100	560	477	1,037	
Belgium	58	457	283	740	
France	11	527	390	917	
Germany	1	109	86	195	
Netherlands	34	486	342	828	
Switzerland	27	180	141	321	
Italy	25	1,970	1,575	3,545	
Malta	100	28	23	51	
Portugal	43	140	101	241	
Slovenia	100	200	135	335	
Spain	12	415	317	732	
Czech Republic	8	116	76	192	(
Poland	6	133	91	224	
TOTAL		14,481	10,406	24,887	



15-4-	4	45-5	4	55-6	4	65-7	4	75-9	9	All adu	ults
obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
(439	)	(1,91	2)	(4,58	5)	(8,14	1)	(9,81	0)	(24,88	37)

		(43	9)	(1,9	12)	(4,5	85)	(8,14	41)	(9,8	10)	(24,8	87)
Persons	One year	96.0	96.1	97.4	97.8	91.6	92.5	87.3	89.7	70.3	77.3	82.9	86.8
	Three years	89.6	90.0	89.7	91.0	82.2	85.1	72.6	79.2	48.5	65.6	67.2	77.5
	Five years	84.4	85.2	81.5	83.7	72.0	76.6	57.8	67.5	31.6	54.0	53.1	67.8
Men	One year	95.1	95.3	97.0	97.5	89.9	91.0	85.8	88.7	69.9	77.7	82.9	87.0
	Three years	86.4	87.0	87.7	89.2	79.9	83.3	69.0	76.8	47.4	66.5	66.6	77.1
	Five years	80.2	81.2	78.9	81.4	68.5	73.8	52.3	63.2	29.8	54.3	51.6	66.2
Women	One year	97.7	97.8	98.2	98.5	94.4	95.0	89.8	91.3	70.8	76.9	82.8	86.5
	Three years	94.0	94.3	93.7	94.5	86.4	88.2	78.4	82.9	49.6	64.9	68.1	77.9
	Five years	91.0	91.6	86.6	88.0	78.2	81.1	66.4	73.6	33.1	53.6	55.3	69.8

COUNTRY	One year	Five years	Conditional
Denmark	91.5 ( 89.9 - 93.1)	70.7 ( 67.5 - 74.0)	77.2 ( 74.1 - 80.5
Finland	90.2 (87.5 - 93.1)	67.6 ( 62.9 - 72.7)	74.9 ( 70.2 - 80.0
Iceland		CHI CARA	-
Norway	92.7 ( 90.6 - 94.8)	74.9 ( 70.2 - 79.9)	80.8 ( 76.1 - 85.9
Sweden	94.4 ( 93.2 - 95.7)	74.5 (71.9 - 77.3)	78.9 ( 76.3 - 81.6
Ireland	92.0 (89.5 - 94.5)	70.3 ( 65.3 - 75.6)	76.4 ( 71.4 - 81.8
UK England	88.4 (87.6 - 89.2)	69.1 ( 67.8 - 70.4)	78.1 ( 76.8 - 79.5
UK Northern Ireland	89.3 (84.8 - 94.1)	70.2 ( 62.4 - 78.8)	78.5 ( 70.8 - 87.2
UK Scotland	92.9 (91.0 - 94.8)	74.4 ( 70.8 - 78.1)	80.1 ( 76.6 - 83.7
UK Wales	89.7 (87.0 - 92.5)	66.5 ( 61.5 - 71.9)	74.1 ( 69.0 - 79.6
Austria	79.4 (76.6 - 82.4)	54.3 ( 50.3 - 58.7)	68.4 ( 63.9 - 73.3
Belgium	87.3 (84.7 - 89.9)	63.7 ( 59.6 - 68.1)	73.0 ( 68.8 - 77.5
France	94.3 ( 92.5 - 96.1)	77.9 (74.2 - 81.8)	82.7 ( 79.0 - 86.5
Germany	88.0 (83.2 - 93.1)	75.6 ( 67.2 - 85.2)	85.9 ( 77.4 - 95.4
Netherlands	93.0 ( 90.9 - 95.1)	75.3 (71.3 - 79.6)	81.0 ( 77.1 - 85.1
Switzerland	91.0 (87.3 - 94.9)	74.6 ( 68.4 - 81.3)	81.9 ( 76.0 - 88.3
Italy	90.2 ( 89.1 - 91.3)	71.4 ( 69.4 - 73.3)	79.1 ( 77.2 - 81.1
Malta	82.1 (71.7 - 94.1)	62.3 ( 48.5 - 80.0)	<b>75.8 (</b> 61.4 - 93.6
Portugal	86.3 (81.6 - 91.3)	65.0 ( 57.1 - 74.0)	75.3 ( 67.1 - 84.6
Slovenia	86.6 ( 82.1 - 91.2)	67.5 ( 60.3 - 75.5)	78.0 ( 70.6 - 86.2
Spain	92.2 ( 90.1 - 94.5)	77.5 ( 73.3 - 81.9)	84.0 ( 79.9 - 88.3
Czech Republic	81.1 ( 75.1 - 87.5)	65.8 ( 56.0 - 77.4)	81.2 ( 70.4 - 93.7
Poland	78.6 (73.2 - 84.5)	<b>57.9 (</b> 49.8 - 67.3)	73.6 ( 64.5 - 84.1
EUROPE	88.2 (87.5 - 88.9)	68.8 ( 67.6 - 70.1)	78.1 ( 76.8 - 79.3

### Acute Myeloid Leukaemia

COUNTRY	Coverage	1	Number of	cases	Age-sta	ndardized fiv	e-year rela	ative survi	val (%)	
	%	Men	Women	Persons	0	20	40	60	80	100
Denmark	100	483	447	930	Denmark	H-	1			
Finland	100	241	254	495	Finland	<b>H</b>	i		1	
Iceland	100	25	24	49	Iceland	H-i	!			
Norway	100	283	282	565	Norway		i	i	i	
Sweden	100	657	626	1,283	Sweden	H-				
Ireland	100	221	184	405	Ireland		Ì	Ì	i i	
UK England	100	3,674	3,283	6,957	UKEngland	H I				
UK Northern Ireland	100	135	109	244	UK Northern Ireland		1	1	1	
UK Scotland	100	423	393	816	UKScotland	H-1	1			
UK Wales	100	250	221	471	UK Wales		1	1	1	
Austria	100	422	440	862	Austria	H-I	i	i	i	
Belgium	58	327	257	584	Belgium	H-I	ł			
France	11	295	304	599	France	H-H	1			
Germany	1	106	74	180	Germany		i.			
Netherlands	34	416	365	781	Netherlands	H-1	1			
Switzerland	27	142	112	254	Switzerland	i i i i i i i i i i i i i i i i i i i	i		i	
Italy	25	1,309	1,115	2,424	Italy		1			
Malta	100	36	23	59	Malta		i	i	i i	
Portugal	43	112	127	239	Portugal					
Slovenia	100	104	80	184	Slovenia 🕞		1	1	1	
Spain	12	256	239	495	Spain		i			
Czech Republic	8	41	31	72	Czech Republic		ł		1	
Poland	6	86	90	176	Poland		i			
TOTAL		10,044	9,080	19,124	EUROPE		1			
								I		

	Europe, area	a-weight	ed obs	erved a	nd rela	tive sur	vival (	%), by a	ge at d	iagnosi	s (years	5)	
		15-4	14	45-	54	55-6	64	65-7	74	75-9	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(3,07	75)	(1,99	91)	(3,07	78)	(5,00	07)	(5,97	73)	(19,1	24)
Persons	One year	66.4	66.5	57.0	57.2	44.0	44.4	28.4	29.2	11.9	13.0	35.9	37.1
	Three years	46.8	47.0	32.3	32.7	20.9	21.6	10.7	11.6	3.6	4.8	18.7	20.8
	Five years	43.5	43.8	29.0	29.7	16.3	17.3	6.4	7.5	2.3	3.9	15.4	18.4
Men	One year	66.9	67.0	57.7	58.0	41.9	42.5	27.0	28.0	12.1	13.3	35.8	37.2
	Three years	47.5	47.7	34.2	34.8	20.6	21.5	9.5	10.6	3.4	4.6	18.8	21.0
	Five years	43.8	44.1	30.2	31.1	16.0	17.3	5.9	7.2	2.2	3.9	15.5	18.8
Women	One year	66.1	66.1	56.0	56.2	46.7	47.0	30.2	30.7	11.8	12.7	35.9	37.0
	Three years	46.2	46.3	29.9	30.2	21.5	22.0	12.5	13.2	3.7	4.8	18.7	20.5
	Five years	43.4	43.6	27.6	28.0	16.8	17.4	7.3	8.0			15.4	18.1

COUNTRY	One year	Five years	Conditional
Denmark	33.6 ( 30.7 - 36.9)	12.9 ( 10.8 - 15.4)	38.3 ( 32.9 - 44.5)
Finland	39.6 ( 35.4 - 44.3)	14.0 ( 11.1 - 17.7)	35.4 ( 28.8 - 43.4)
Iceland	40.0 ( 29.9 - 53.6)	14.4 ( 10.7 - 19.4)	35.9 ( 33.6 - 38.4)
Norway	31.3 ( 27.7 - 35.4)	11.5 ( 9.2 - 14.4)	36.8 ( 30.5 - 44.4)
Sweden	42.7 ( 40.0 - 45.5)	17.2 ( 15.1 - 19.6)	40.3 ( 36.0 - 45.0)
Ireland	34.5 ( 30.0 - 39.7)	17.0 ( 13.5 - 21.5)	49.3 ( 40.9 - 59.4)
UK England	34.5 ( 33.4 - 35.7)	13.9 ( 13.1 - 14.8)	40.3 ( 38.2 - 42.5)
UK Northern Ireland	26.5 ( 21.3 - 33.0)	8.2 ( 5.2 - 13.1)	31.1 ( 20.6 - 46.8)
UK Scotland	31.4 ( 28.4 - 34.6)	14.6 ( 12.3 - 17.2)	46.4 ( 40.4 - 53.3)
UK Wales	37.2 ( 33.1 - 41.8)	17.1 ( 13.8 - 21.1)	45.9 ( 38.5 - 54.8)
Austria	31.6 ( 28.6 - 34.9)	10.1 ( 8.1 - 12.6)	32.0 ( 26.2 - 39.1)
Belgium	45.4 ( 41.5 - 49.7)	19.7 ( 16.7 - 23.4)	43.5 ( 37.7 - 50.2)
France	37.2 ( 33.5 - 41.4)	14.8 ( 12.0 - 18.2)	39.7 ( 33.2 - 47.5)
Germany	33.2 ( 27.0 - 40.8)	15.3 ( 10.9 - 21.5)	46.1 ( 35.2 - 60.3)
Netherlands	36.4 ( 33.1 - 40.0)	13.8 ( 11.5 - 16.5)	37.9 ( 32.5 - 44.1)
Switzerland	34.8 ( 29.4 - 41.1)	18.6 ( 14.0 - 24.6)	53.4 ( 42.6 - 66.8)
Italy	33.7 ( 31.8 - 35.7)	13.0 ( 11.7 - 14.5)	38.5 ( 35.2 - 42.2)
Malta	26.1 ( 17.7 - 38.4)	14.9 ( 9.5 - 23.4)	57.2 ( 45.7 - 71.7)
Portugal	34.8 ( 28.7 - 42.2)		8
Slovenia	25.2 ( 20.0 - 31.9)	4.6 ( 2.5 - 8.5)	18.3 ( 10.3 - 32.3)
Spain	32.1 ( 28.1 - 36.7)	14.7 ( 11.7 - 18.4)	45.9 ( 38.3 - 55.0)
Czech Republic	28.5 ( 19.2 - 42.3)		
Poland	22.1 ( 16.6 - 29.3)		
EUROPE	34.0 ( 32.9 - 35.1)	13.9 ( 13.0 - 14.8)	40.9 ( 38.6 - 43.3)

### Chronic Myeloid Leukaemia

COUNTRY	Coverage	1	cases		
	%	Men	Women	Persons	
Denmark	100	185	122	307	
Finland	100	117	97	214	
Iceland	100	3	2	5	
Norway	100	161	110	271	
Sweden	100	313	212	525	
Ireland	100	98	51	149	
UK England	100	1,650	1,418	3,068	
UK Northern Ireland	100	50	42	92	
UK Scotland	100	217	174	391	
UK Wales	100	128	77	205	
Austria	100	265	208	473	
Belgium	58	157	127	284	
France	11	225	159	384	
Germany	1	41	49	90	
Netherlands	34	212	131	343	
Switzerland	27	84	63	147	
Italy	25	783	616	1,399	
Malta	100	19	17	36	
Portugal	43	70	43	113	
Slovenia	100	51	33	84	
Spain	12	231	140	371	
Czech Republic	8	24	32	56	
Poland	6	55	51	106	
TOTAL		5,139	3,974	9,113	



	Europe, area	-weight	ed obs	erved a	nd rela	tive su	vival (	%), by a	ige at d	iagnosi	s (years	5)	
		15-4	44	45-	54	55-6	54	65-7	74	75-9	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(1,44	14)	(1,01	16)	(1,32	20)	(2,17	76)	(3,15	57)	(9,11	13)
Persons	One year	85.6	85.7	86.4	86.7	79.3	80.1	64.3	66.0	50.0	55.1	67.9	70.6
	Three years	65.5	65.7	68.0	68.8	57.3	59.2	38.8	42.2	23.6	32.1	44.2	49.8
	Five years	57.2	57.6	56.4	57.7	42.0	44.5	24.7	28.7	11.6	20.2	31.9	39.1
Men	One year	86.3	86.5	80.8	81.2	76.8	77.8	61.2	63.3	51.8	57.6	67.6	70.4
	Three years	64.7	65.1	60.3	61.3	54.9	57.2	36.2	40.2	23.4	32.8	43.3	49.0
	Five years	55.6	56.0	49.9	51.4	40.1	43.1	22.6	27.3	10.8	19.7	31.2	38.5
Women	One year	84.5	84.6	93.1	93.3	82.9	83.4	67.5	68.7	49.0	53.4	68.2	70.8
	Three years	67.2	67.3	79.0	79.6	61.0	62.2	41.7	44.1	24.1	31.8	45.2	50.6
	Five years	60.1	60.4	65.5	66.5	44.3	45.9	27.1	29.9	12.6	20.8	32.8	39.8

COUNTRY	One year	Five years	Conditional
Denmark	63.3 ( 57.7 - 69.4)	29.3 ( 24.3 - 35.3)	46.2 ( 39.3 - 54.4
Finland	73.1 ( 66.4 - 80.4)	32.9 ( 26.0 - 41.5)	45.0 ( 36.3 - 55.7
Iceland		ing the later of the	-
Norway	75.1 ( 69.9 - 80.7)	37.3 ( 30.9 - 45.0)	49.6 ( 41.7 - 59.0
Sweden	76.5 ( 72.5 - 80.8)	38.3 ( 33.7 - 43.4)	50.0 ( 44.6 - 56.1
Ireland	65.5 ( 57.2 - 74.9)	29.2 ( 21.7 - 39.3)	44.7 ( 34.3 - 58.1
UK England	69.4 ( 67.6 - 71.2)	34.5 ( 32.5 - 36.6)	49.8 ( 47.1 - 52.5
UK Northern Ireland	65.3 ( 55.0 - 77.5)	27.4 ( 18.0 - 41.7)	42.0 ( 28.7 - 61.5
UK Scotland	76.5 (72.1 - 81.3)	38.9 ( 33.4 - 45.3)	50.8 ( 44.2 - 58.5
UK Wales	72.9 ( 66.6 - 79.9)	34.8 ( 28.0 - 43.3)	47.7 ( 39.1 - 58.2
Austria	59.2 ( 54.6 - 64.0)	27.6 ( 23.2 - 33.0)	46.7 ( 39.9 - 54.7
Belgium	69.5 ( 64.0 - 75.6)	33.3 ( 27.4 - 40.4)	47.9 ( 40.2 - 57.1
France	83.3 (79.2 - 87.5)	44.1 ( 38.4 - 50.7)	53.0 ( 46.5 - 60.4
Germany	72.4 ( 63.1 - 83.1)	12	
Netherlands	77.6 (72.5 - 83.0)	39.7 ( 33.4 - 47.2)	51.2 ( 43.7 - 60.0
Switzerland	80.0 (73.7 - 86.8)	44.6 ( 35.7 - 55.8)	55.8 ( 45.3 - 68.7
Italy	73.6 (71.2 - 76.0)	39.3 ( 36.5 - 42.4)	53.5 ( 50.0 - 57.2
Malta	84.0 (71.1 - 99.3)	53.6 ( 34.8 - 82.4)	63.7 ( 42.8 - 94.8
Portugal	69.6 ( 61.1 - 79.3)	-	8
Slovenia	66.3 ( 55.8 - 78.8)	28.4 ( 19.4 - 41.5)	42.8 ( 30.4 - 60.1
Spain	74.6 ( 69.8 - 79.8)	39.7 ( 34.5 - 45.8)	53.2 ( 47.0 - 60.3
Czech Republic	56.8 ( 43.6 - 74.0)	21.5 ( 13.9 - 33.5)	37.9 ( 26.6 - 53.9
Poland	48.9 ( 39.3 - 60.9)	23.2 ( 15.1 - 35.5)	47.4 ( 32.8 - 68.3
EUROPE	69.9 ( 68.4 - 71.5)	35.4 ( 33.8 - 37.1)	50.6 ( 48.6 - 52.7

#### **All Leukaemias**



		15-4	44	45-	54	55-	64	65-3	74	75-9	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(7,36	53)	(6,0	75)	(10,5	06)	(17,4	51)	(21,9	77)	(63,3	72)
Persons	One year	75.0	75.1	77.6	77.9	72.3	73.1	62.9	64.7	45.8	50.3	62.0	64.5
	Three years	55.9	56.1	60.8	61.6	56.4	58.3	45.9	50.0	28.0	37.7	44.6	50.3
	Five years	51.0	51.3	54.1	55.4	47.7	50.7	35.2	41.0	17.6	29.8	35.4	43.5
Men	One year	76.3	76.4	77.8	78.2	72.2	73.1	62.6	64.7	46.7	51.8	63.3	66.0
	Three years	56.8	57.1	61.7	62.7	56.8	59.2	44.7	49.8	28.0	39.0	45.6	51.8
	Five years	51.6	52.0	54.9	56.5	47.5	51.2	33.3	40.4	17.1	30.7	36.0	44.6
Women	One year	73.3	73.3	77.1	77.3	72.5	72.9	63.5	64.6	45.0	48.9	60.3	62.5
	Three years	54.5	54.6	59.5	60.0	55.7	56.8	47.6	50.4	28.1	36.8	43.3	48.5
	Five years	50.2	50.4	53.0	53.8	47.9	49.7	37.9	42.0	18.1	29.2	34.7	42.1

Standardized 1-yr and 5-yr	relative survival (95% connuc	Five vees	
COUNTRY	One year	Five years	Conditional
Denmark	67.4 ( 65.6 - 69.2)	<b>45.1 (</b> 43.0 - 47.3)	<b>66.9 (</b> 64.3 - 69.6)
Finland	66.3 ( 63.9 - 68.8)	41.4 ( 38.6 - 44.4)	62.4 ( 58.8 - 66.3)
Iceland	<b>63.4 (</b> 54.9 - 73.2)	42.4 ( 33.1 - 54.2)	<b>66.8 (</b> 54.7 - 81.6)
Norway	67.2 ( 64.9 - 69.5)	45.0 ( 42.4 - 47.9)	67.1 ( 63.8 - 70.6)
Sweden	72.1 ( 70.7 - 73.5)	48.3 ( 46.5 - 50.1)	67.0 ( 64.9 - 69.2)
Ireland	67.0 ( 64.5 - 69.6)	45.5 ( 42.4 - 48.8)	67.9 ( 64.0 - 71.9)
UK England	64.6 ( 64.0 - 65.3)	42.3 ( 41.5 - 43.1)	65.4 ( 64.3 - 66.5)
<b>UK Northern Ireland</b>	55.3 ( 51.3 - 59.5)	33.2 ( 29.2 - 37.8)	60.1 ( 54.1 - 66.9)
UK Scotland	68.0 ( 66.1 - 69.9)	47.6 ( 45.3 - 50.0)	70.0 ( 67.2 - 72.9)
UK Wales	67.4 ( 64.8 - 70.0)	43.0 ( 40.0 - 46.2)	63.9 ( 60.1 - 67.9)
Austria	57.5 ( 55.6 - 59.4)	32.7 ( 30.6 - 34.9)	56.8 ( 53.7 - 60.1)
Belgium	67.2 ( 65.1 - 69.5)	42.1 ( 39.6 - 44.7)	62.6 ( 59.4 - 65.8)
France	73.9 (72.0 - 75.9)	51.3 ( 48.7 - 54.0)	69.4 ( 66.4 - 72.4)
Germany	65.1 ( 60.9 - 69.6)	46.7 ( 41.5 - 52.5)	71.7 ( 65.1 - 79.0)
Netherlands	68.4 ( 66.4 - 70.5)	44.8 ( 42.3 - 47.4)	65.5 ( 62.4 - 68.7)
Switzerland	70.0 ( 66.9 - 73.4)	50.2 ( 46.3 - 54.5)	71.7 ( 67.1 - 76.6)
Italy	66.2 ( 65.2 - 67.3)	43.7 ( 42.6 - 45.0)	66.0 ( 64.5 - 67.6)
Malta	62.0 ( 54.4 - 70.7)	43.3 ( 34.9 - 53.6)	69.9 ( 59.0 - 82.7)
Portugal	64.3 ( 60.4 - 68.4)	42.4 ( 37.9 - 47.6)	66.0 ( 60.0 - 72.7)
Slovenia	63.3 ( 59.6 - 67.3)	41.3 ( 36.8 - 46.4)	65.2 ( 59.2 - 71.9)
Spain	64.7 ( 62.6 - 66.9)	44.6 ( 42.2 - 47.3)	69.0 ( 65.9 - 72.3)
Czech Republic	61.3 ( 56.2 - 66.9)	43.1 ( 36.4 - 51.0)	70.3 ( 60.8 - 81.2)
Poland	50.3 ( 46.5 - 54.4)	32.6 ( 28.5 - 37.2)	64.7 ( 58.2 - 72.0)
EUROPE	64.7 ( 64.2 - 65.3)	42.4(41.7-43.2)	65.6 ( 64.7 - 66.5)

COUNTRY	Covera	ige	Number of cases					
	%	Men	Women	Persons				
Finland	100	42,345	43,273	85,618				
Iceland	100	2,274	2,161	4,435				
Norway	100	43,098	41,012	84,110				
Sweden	100	85,619	83,209	168,828				
Ireland	100	30,544	28,705	59,249				
UK England	100	462,051	466,782	928,833				
UK Northern Ireland	100	14,218	15,323	29,541				
UK Scotland	100	56,727	59,693	116,420				
UK Wales	100	28,178	28,269	56,447				
Austria	100	73,962	72,239	146,201				
Belgium	58	43,233	36,379	79,612				
France	11	40,062	31,576	71,638				
Germany	1	12,557	12,136	24,693				
Netherlands	34	54,122	52,151	106,273				
Switzerland	27	18,047	16,448	34,495				
Italy	25	194,733	169,935	364,668				
Malta	100	2,846	2,911	5,757				
Portugal	43	17,385	14,184	31,569				
Slovenia	100	16,308	15,524	31,832				
Spain	12	50,550	35,061	85,611				
Czech Republic	8	8,894	8,048	16,942				
Poland	6	18,476	21,180	39,656				
TOTAL		1,316,229	1,256,199	2,572,428				



#### Europe, area-weighted observed and relative survival (%), by age at diagnosis (years)

		15-4	14	45-	54	55-	64	65-	74	75-9	99	All ad	ults
		obs	rel	obs	rel	obs	rel	obs	rel	obs	rel	obs	rel
		(197,8	350)	(297,6	673)	(496,	571)	(771,4	402)	(808,	932)	(2,572	,428)
Persons	One year	87.8	87.9	79.7	80.0	73.3	74.0	66.0	67.8	52.3	57.3	67.1	69.6
	Three years	77.0	77.3	65.5	66.3	57.4	59.3	49.1	53.4	33.5	44.6	50.7	56.5
	Five years	72.3	72.8	59.7	61.0	50.8	53.8	41.3	48.1	24.1	40.1	43.1	52.0
Men	One year	82.0	82.1	69.1	69.5	66.7	67.6	63.2	65.3	52.4	58.0	62.8	65.5
	Three years	69.8	70.2	50.8	51.7	48.9	51.0	45.4	50.4	32.4	44.7	44.6	50.8
	Five years	65.6	66.2	45.0	46.3	42.2	45.4	37.3	45.1	22.6	39.8	36.8	45.9
Women	One year	91.5	91.6	87.5	87.7	81.1	81.6	70.1	71.3	52.3	56.6	71.8	73.9
	Three years	81.6	81.8	76.2	76.9	67.6	68.9	54.5	57.6	34.6	44.5	57.2	62.5
	Five years	76.6	77.0	70.5	71.6	61.2	63.3	47.1	52.0	25.6	40.3	50.0	58.2

Age-standardized 1-yr and 5-yr	relative survival (95% confide	ence intervals) and at 5 yrs co	onditional on surviving 1 year
COUNTRY	One year	Five years	Conditional
Finland	73.4 ( 73.0 - 73.7)	55.7 ( 55.3 - 56.1)	75.9 ( 75.5 - 76.4)
Iceland	74.2 ( 72.9 - 75.6)	56.6 ( 54.8 - 58.4)	76.2 (74.3 - 78.2)
Norway	71.9 ( 71.6 - 72.2)	53.6 ( 53.2 - 54.0)	74.6 (74.1 - 75.1)
Sweden	76.5 ( 76.3 - 76.7)	58.3 ( 58.0 - 58.6)	76.2 ( 75.9 - 76.5)
Ireland	62.9 ( 62.5 - 63.4 )	45.5 ( 45.0 - 46.0)	72.3 (71.7 - 72.9)
UK England	63.9 ( 63.8 - 64.0 )	46.2 ( 46.1 - 46.4)	72.4 ( 72.2 - 72.5)
UK Northern Ireland	62.6 ( 62.1 - 63.2)	44.6 ( 44.0 - 45.3)	71.3 ( 70.4 - 72.2)
UK Scotland	61.6 ( 61.3 - 61.9)	43.0 ( 42.7 - 43.4)	<b>69.9</b> ( 69.4 - 70.3)
UK Wales	67.5 ( 67.1 - 67.9)	48.4 ( 47.9 - 48.9)	71.7 (71.1 - 72.3)
Austria	72.0 ( 71.7 - 72.2)	56.1 ( 55.7 - 56.4)	77.9 (77.5 - 78.3)
Belgium	73.2 ( 72.9 - 73.5)	54.2 ( 53.8 - 54.6)	74.0 (73.5 - 74.5)
France	73.6 (73.2 - 73.9)	52.4 ( 52.0 - 52.9)	71.3 ( 70.7 - 71.8)
Germany	70.3 ( 69.6 - 70.9)	52.3 ( 51.4 - 53.1)	74.4 (73.4 - 75.4)
Netherlands	<b>69.9 (</b> 69.6 - 70.2)	51.0 ( 50.7 - 51.4)	73.0 (72.6 - 73.5)
Switzerland	74.6 (74.1 - 75.1)	55.0 ( 54.4 - 55.7)	73.8 ( 73.1 - 74.5)
Italy	71.1 ( 71.0 - 71.3)	51.8 ( 51.6 - 52.0)	72.8 ( 72.6 - 73.0)
Malta	65.9 ( 64.6 - 67.2)	48.6 ( 47.0 - 50.3)	73.8 ( 71.8 - 75.8)
Portugal	70.8 ( 70.3 - 71.4)	52.2 ( 51.5 - 53.0)	73.7 ( 72.9 - 74.6)
Slovenia	61.7 ( 61.1 - 62.3)	41.5 ( 40.8 - 42.2)	67.2 ( 66.2 - 68.1)
Spain	<b>68.1 (</b> 67.8 - 68.4)	49.3 ( 48.9 - 49.7)	72.3 ( 71.9 - 72.8)
Czech Republic	63.6 ( 62.8 - 64.5)	42.5 ( 41.5 - 43.6)	66.8 ( 65.4 - 68.2)
Poland	58.1 ( 57.6 - 58.6)	38.6 ( 38.0 - 39.2)	66.4 ( 65.6 - 67.2)
EUROPE	<b>69.0</b> ( 69.0 - 69.1)	50.3 ( 50.2 - 50.5)	72.9 (72.8 - 73.1)

### All malignant neoplasms

# Five year relative survival by country and registry Stomach



#### Five-year relative survival

	No. of	National				Standard	Coeff. of
Country	registries	average	Min	Max	Range	deviation	Variation
France	10	26.0	16.2	36.6	20.4	6.0	23.0
Italy	20	31.7	20.1	39.1	19.0	4.8	16.1
Netherlands	3	18.3	17.7	19.7	2.0	1.1	5.7
Poland	2	14.4	12.1	15.9	3.8	2.7	19.2
Spain	6	27.8	22.3	33.0	10.8	3.9	14.2
Switzerland	6	27.1	19.8	35.6	15.7	5.3	19.7
United Kingdom	12	16.1	13.2	17.6	4.4	1.4	9.2



#### **Colon & Rectum**

	No. of	National				Standard	Coeff. of
Country	registries	average	Min	Max	Range	deviation	Variation
France	11	57.9	53.1	63.0	10.0	3.5	6.0
Italy	20	57.1	45.3	63.8	18.4	4.6	8.2
Netherlands	3	57.3	56.6	58.2	1.7	0.9	1.5
Poland	2	38.8	32.0	41.7	9.7	6.9	18.7
Spain	6	53.6	48.2	57.7	9.5	3.3	6.1
Switzerland	7	59.9	53.5	63.9	10.4	3.1	5.2
United Kingdom	12	50.7	47.9	54.3	6.4	2.0	3.9

#### Lung

Five-year relative survival

0	10	20	30	40	50	60	70
1	-	1	1	1	1	1	
AUSTRIA	15.0						
FRANCE							
BasRhin	12.5						
Calvados	8.8						
Doubs	14.3	1					
Herault	14.0	- I					
Isere	15.7						
Manche	12.3	<u> </u>					
Somme		*					
ITALY	9.0						
Alto Adige	15.2						
Biella 8	3.2						
Ferrara	16.2						
Friuli V.G.	10.9						
Genova	12.2	~					
Macerata	13.5						
Modena	10.8						
Parma	13.1	- I					
Ragusa	9.4						
Reggio Emilia	15.0						
Romagna	14.3	-					
Salerno	10.8						
Torino	12.2	w					
Trento	15.3	<u>+  </u>					
Umbria	15.3						
Varese Veneto	13.5						
NETHERLANDS	H						
Amsterdam	14.3	4 <u> </u>					
Endhoven	14.0						
POLAND							
Cracow	10.7						
Warsaw	3.6						
Albasete	11.2						
Basque Country	12.3						
Girona	10.0						
Granada 6.:							
Murcia	10.2						
Tarragona	9.4						
SWITZERLAND		6					
Basel	12.1						
Geneva	18.4						
St. Gallen	12.9	-					
Ticino	15.5						
Valais	11.4	1					
Fact Applia	6						
Mersey	9.4 11						
North Western 7.	1 H-I						
Northern Ireland	10.2						
Oxford 7							
Scotland 8	- HI						
South Western	9.4 -						
Thames	9.2						
Trent Whiles	9.0 H						
West Midlands 7	.8 HH						
	100						

	No. of	National				Standard	Coeff. of
Country	registries	average	Min	Max	Range	deviation	Variation
France	9	12.9	8.8	15.7	6.9	2.2	17.5
Italy	20	12.8	8.2	16.2	8.0	2.1	16.9
Netherlands	3	13.8	12.8	14.3	1.5	0.8	5.6
Poland	2	9.2	8.6	10.7	2.1	1.5	15.3
Spain	7	10.7	6.3	12.3	6.1	2.0	19.3
Switzerland	6	13.8	8.6	18.4	9.8	3.4	26.0
United Kingdom	12	8.4	6.6	10.2	3.6	1.1	13.2



#### **Female Breast**

	No. of	National				Standard	Coeff. of
Country	registries	average	Min	Max	Range	deviation	Variation
France	10	83.1	76.5	87.4	10.8	3.4	4.1
Italy	21	82.7	71.9	86.9	15.0	3.3	4.0
Netherlands	3	81.5	79.5	84.8	5.3	2.6	3.2
Poland	2	73.7	68.8	76.0	7.2	5.1	7.0
Spain	8	80.3	77.6	81.9	4.2	1.5	1.9
Switzerland	6	82.0	77.4	85.5	8.0	3.2	3.9
United Kingdom	12	77.1	73.7	79.3	5.6	1.7	2.3

#### Prostate



	No. of	National				Standard	Coeff. of
Country	registries	average	Min	Max	Range	deviation	Variation
France	9	78.3	69.0	83.4	14.4	4.2	5.3
Italy	20	79.1	57.1	83.8	26.7	7.7	10.1
Netherlands	3	78.9	75.4	82.9	7.5	3.8	4.8
Poland	2	60.5	46.1	65.8	19.7	14.0	24.9
Spain	5	75.5	72.2	79.8	7.7	2.9	3.8
Switzerland	6	82.3	74.2	85.0	10.9	4.6	5.8
United Kingdom	12	69.3	60.4	73.5	13.2	3.9	5.8

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cancer and the lack of change over time point to the need for ongoing actions to prevent this serious cancer especially by addressing smoking.

#### **Conflict of interest statement**

None declared.

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#### REFERENCES

- Berrino F, Sant M, Verdecchia A, Capocaccia R, Hakulinen T, Estève J. Survival of cancer patients in Europe: the EUROCARE Study: IARC Scientific Publications No. 132. Lyon: IARC Press; 1995.
- Berrino F, Capocaccia R, Estève J, et al. Survival of cancer patients in Europe: the EUROCARE-2 Study: IARC Scientific Publications No. 151. Lyon: IARC Press; 1999.
- Berrino F, Capocaccia R, Coleman MP, et al. Survival of cancer patients in Europe: the EUROCARE-3 Study. Ann Oncol 2003;14(Suppl. 5):1–155.
- 4. Berrino F, De Angelis R, Sant M, et al. EUROCARE Working group. Survival for eight major cancers and all cancers combined for European adults diagnosed in 1995–99: results of the EUROCARE-4 study. *Lancet Oncol* 2007;**8**(9):773–83.
- Verdecchia A, Francisci S, Brenner H, et al. Recent cancer survival in Europe: a 2000–02 period analysis of EUROCARE-4 data. Lancet Oncol 2007;8(9):784–96.
- De Angelis R, Francisci S, Baili P, et al, the EUROCARE Working Group. The EUROCARE-4 database on cancer survival in Europe: Data standardization, quality control and methods of statistical analysis. Eur J Cancer 2009;45:909–30.
- Fritz A, Percy C, Jack A, et al. International classification of diseases for oncology. third ed. Geneva: WHO; 1990.
- 8. Hakulinen T. Cancer survival corrected for heterogeneity in patient withdrawal. *Biometrics* 1982;**38**(4):933–42.
- Corazziari I, Quinn M, Capocaccia R. Standard cancer patient population for age standardising survival ratios. Eur J Cancer 2004;40(15):2307–16.
- Verdecchia A, Guzzinati S, Francisci S, et al., the EUROCARE Working Group. Survival trends in European cancer patients diagnosed from 1988 to 1999. Eur J Cancer 2009;45:1042–66.
- Patriarca S, Gafà L, Ferretti S, et al. Coding criteria of bladder cancer: effects on estimating survival. *Epidemiol Prev* 2001;25(Suppl. 3):42–7.
- Kvåle R, Auvinen A, Adami HO, et al. Interpreting trends in prostate cancer incidence and mortality in the five Nordic countries. J Natl Cancer Inst 2007;99(24):1881–7.
- Hankey BF, Feuer EJ, Clegg LX, et al. Cancer surveillance series: interpreting trends in prostate cancer–part I: evidence of the effects of screening in recent prostate cancer incidence, mortality, and survival rates. J Natl Cancer Inst 1999;91(12):1017–24.
- Hochhaus A. Advances in the treatment of haematological malignancies: optimal sequence of CML treatment. Ann Oncol 2007;18(Suppl. 9).
- Shapiro S, Coleman EA, Broeders M, et al. Breast cancer screening programmes in 22 countries: current policies, administration and guidelines. International breast cancer screening network (IBSN) and the European network of pilot projects for breast cancer screening. Int J Epidemiol 1998;27(5):735–42.
- Hewitson P, Glasziou P, Watson E, et al. Cochrane systematic review of colorectal cancer screening using the fecal occult blood test (hemoccult): an update. Am J Gastroenterol 2008.
- 17. Verdecchia A, Micheli A, Gatta G, editors. Survival of cancer patients in Italy: the ITACARE study. Tumori 1997:83.
- Paci E, Ponti A, Zappa M, et al. Early diagnosis, not differential treatment, explains better survival in service screening. Eur J Cancer 2005;41(17):2728–34.
- Micheli A, Coebergh JW, Mugno E, et al. European health systems and cancer care. Ann Oncol 2003;14(Suppl. 5):v41–60.
- Oberaigner W, Stühlinger W. Record linkage in the cancer registry of Tyrol, Austria. Methods Inf Med 2005;44(5):626–30.

- Vercelli M, Lillini R, Capocaccia R, et al. Cancer survival in the elderly: effects of socio-economic factors and health care system features (ELDCARE project). Eur J Cancer 2006;42(2):234–42.
- Quaglia A, Tavilla A, Shack L, et al., the EUROCARE Working Group. The cancer survival gap between elderly and middleaged patients in Europe is widening. Eur J Cancer 2009;45:1006–16.
- Micheli A, Mariotto A, Giorgi Rossi A, Gatta G, Muti P. The prognostic role of gender in survival of adult cancer patients. EUROCARE Working Group. Eur J Cancer 1998;34:2271–8.
- Micheli A, Ciampichini R, Oberaigner W, et al., the EUROCARE Working Group. The advantage of women in cancer survival: An analysis of EUROCARE-4 data. Eur J Cancer 2009;45:1017–27.
- Heijnen ML, Maas HA, Houterman S, Lemmens VE, Rutten HJ, Coebergh JW. Comorbidity in older surgical cancer patients: influence on patient care and outcome. Eur J Cancer 2007;43(15):2179–93.
- Tetsche MS, Dethlefsen C, Pedersen L, Sorensen HT, Norgaard M. The impact of comorbidity and stage on ovarian cancer mortality: a nationwide Danish cohort study. BMC Cancer 2008;8:31.
- The Globocan 2002 database. http://www-dep.iarc.fr/ globocan/database.htm (accessed 05.05.07).
- Verdecchia A, Corazziari I, Gatta G, Lisi D, Faivre J, Forman D. EUROCARE Working Group. Explaining gastric cancer survival differences among European countries. Int J Cancer 2004;109(5):737–41.
- Capocaccia R, Sant M, Berrino F, Simonetti A, Santi V, Trevisani F. EUROCARE Working Group. Hepatocellular carcinoma: trends of incidence and survival in Europe and the United States at the end of the 20th century. *Am J Gastroenterol* 2007;**102**(8):1661–70.
- Trevisani F, Cantarini MC, Labate AM, et al. Italian liver cancer (ITALICA) group. Surveillance for hepatocellular carcinoma in elderly Italian patients with cirrhosis: effects on cancer staging and patient survival. Am J Gastroenterol 2004;99:1470–6.
- Bach PB, Jett JR, Pastorino U, Tockman MS, Swensen SJ, Begg CB. Computed tomography screening and lung cancer outcomes. JAMA 2007;297(9):953–61.
- 32. Veronesi G, Bellomi M, Mulshine JL, et al. Lung cancer screening with low-dose computed tomography: A noninvasive diagnostic protocol for baseline lung nodules. Lung Cancer 2008 [Epub ahead of print].
- Pacifico MD, Pearl RA, Grover R. The UK Government twoweek rule and its impact on melanoma prognosis: an evidence-based study. Ann R Coll Surg Engl 2007;89(6):609–15.
- Owen T, Fitzpatrick D, Dolon O, Gavin A. Knowledge, attitudes and behaviour in the sun: the barriers to behavioural changes in Northern Ireland. Ulster Med J 2004;73(2):96–104.
- 35. Quinn M, Babb P, Brock A, Kirby L, Jones J. Cancer trends in England and Wales 1950–1999. National Statistics 2001.
- Sant M, Francisci S, Capocaccia R, Verdecchia A, Allemani C, Berrino F. Time trends of breast cancer survival in Europe in relation to incidence and mortality. Int J Cancer 2006;119(10):2417–22.
- Sant M, Allemani C, Capocaccia R, et al. Stage at diagnosis is a key explanation of differences in breast cancer survival across Europe. Int J Cancer 2003;106(3):416–22.
- Gentil-Brevet J, Colonna M, Danzon A, et al. The influence of socio-economic and surveillance characteristics on breast cancer survival: a French population-based study. Brit J Cancer 2008;98(1):217–24.
- Badgwell D, Bast Jr RC. Early detection of ovarian cancer. Dis Markers 2007;23(5–6):397–410.
- 40. Vernooij F, Heintz AP, Witteveen PO, van der Heiden-van der Loo M, Coebergh JW, van der Graaf Y. Specialized care and survival of ovarian cancer patients in The Netherlands:

nationwide cohort study. J Natl Cancer Inst 2008;100(6):399–406.

- Potosky AL, Miller BA, Albertsen PC, Kramer BS. The role of increasing detection in the rising incidence of prostate cancer. JAMA 1995;273(7):548–52.
- 42. Brenner H, Arndt V. Long-term survival rates of patients with prostate cancer in the prostate-specific antigen screening era: population-based estimates for the year 2000 by period analysis. J Clin Oncol 2005;23(3):441–7.
- Etzioni R, Penson DF, Legler JM, et al. Overdiagnosis due to prostate-specific antigen screening: lessons from US prostate cancer incidence trends. J Natl Cancer Inst 2002;94(13):981–90.
- Merrill RM, Wiggins CL. Incidental detection of populationbased prostate cancer incidence rates through transurethral resection of the prostate. Urol Oncol 2002;7(5):213–9.
- Baade PD, Coory MD, Aitken JF. International trends in prostate-cancer mortality: the decrease is continuing and spreading. *Cancer Causes Control* 2004;15(3):237–41.
- Collin SM, Martin RM, Metcalfe C, et al. Prostate-cancer mortality in the USA and UK in 1975–2004: an ecological study. Lancet Oncol 2008;9(5):445–52. Epub 2008 April 16.
- 47. Levi JA, Thomson D, Harvey V, et al. Effective salvage chemotherapy with etoposide, dactinomycin, and methotrexate in refractory germ cell cancer. Australasian germ cell trial group. J Clin Oncol 1990;8:27–32.
- Collette L, Sylvester RJ, Stenning SP, Fossa SD, Mead GM, de Wit R, et al. Impact of the treating institution on survival of patients with 'poor-prognosis' metastatic nonseminoma. J Natl Cancer Inst 1999;91:816–8.
- Sant M, Aareleid T, Artioli ME, et al. Ten-year survival and risk of relapse for testicular cancer: a EUROCARE high resolution study. Eur J Cancer 2007;43(3):585–92.

- Lamm D. Bladder cancer: improving care with better classification and risk stratification. J Urol 2007;178: 1146–7.
- Holmäng S, Amsler-Nordin S, Carlson K, Holmberg E, Johansson SL. Completeness and correctness of registration of renal pelvic and ureteral cancer in the Swedish Cancer Registry Scand. J Urol Nephrol 2008;42(1):12–7.
- 52. Capocaccia R, Gatta G, Roazzi P, et al. The EUROCARE-3 database: methodology of data collection, standardisation, quality control and statistical analysis. Ann Oncol 2003;14(14):v14–27.
- Mungan NA, Aben KK, Schoenberg MP, et al. Gender differences in stage-adjusted bladder cancer survival. Urology 2000;55(6):876–80.
- Lee CT, Katz J, Fearn PA, Russo P. Mode of presentation of renal cell carcinoma provides prognostic information. Urol Oncol 2002;7(4):135–40.
- Hardarson S, Magnusson J, Einarsson GV. Effect of incidental detection for survival of patients with renal cell carcinoma: results of population-based study of 701 patients. Urology 2005;66(6):1186–91.
- De Vita VT, Serpick A, Carbone PP. Combination chemotherapy in the treatment of Hodgkin's disease. Ann Int Med 1970;73:881–95.
- 57. O'Connor OA. Developing new drugs for the treatment of lymphoma. *Eur J Haematol Suppl* 2005(66):150–8.
- Mitsiades CS, Hayden PJ, Anderson KC, Richardson PG. From the bench to the bedside: emerging new treatments in multiple myeloma. Best Pract Res Clin Haematol 2007;20:797–816.