International Agency for Research on Cancer



GLOBOCAN 2012: Estimated Cancer Incidence, Mortality and Prevalence Worldwide in 2012



DATA SOURCES AND METHODS

FACT SHEETS

ONLINE ANALYSIS

HELP

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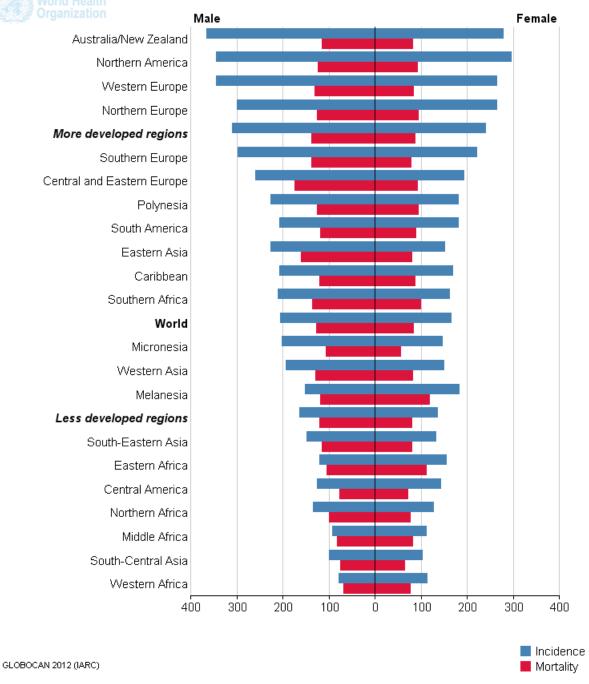
All cancers excl. non-m...

Incidence: men Mortality: men Incidence: women Mortality: women

All Cancers (excluding non-melanoma skin cancer) Estimated Incidence, Mortality and Prevalence Worldwide in 2012

Estimated numbers (thousands)	Men			Women			Both sexes		
	Cases	Deaths	5-year prev.	Cases	Deaths	5-year prev.	Cases	Deaths	5-year prev.
World	7427	4653	15362	6663	3548	17182	14090	8201	32545
More developed regions	3244	1591	8616	2832	1287	8297	6076	2878	16913
Less developed regions	4184	3062	6747	3831	2261	8885	8014	5323	15632
WHO Africa region (AFRO)	265	205	468	381	250	895	645	456	1363
WHO Americas region (PAHO)	1454	677	3843	1429	618	4115	2882	1295	7958
WHO East Mediterranean region (EMRO)	263	191	461	293	176	733	555	367	1194
WHO Europe region (EURO)	1987	1080	4857	1750	852	4933	3737	1932	9790
WHO South-East Asia region (SEARO)	816	616	1237	908	555	2041	1724	1171	3278
WHO Western Pacific region (WPRO)	2642	1882	4493	1902	1096	4464	4543	2978	8956
IARC membership (24 countries)	3706	1900	9259	3354	1570	9425	7060	3470	18684
United States of America	825	324	2402	779	293	2373	1604	617	4775
China	1823	1429	2496	1243	776	2549	3065	2206	5045
India	477	357	665	537	326	1126	1015	683	1790
European Union (EU-28)	1446	715	3759	1211	560	3487	2657	1276	7246

At a glance



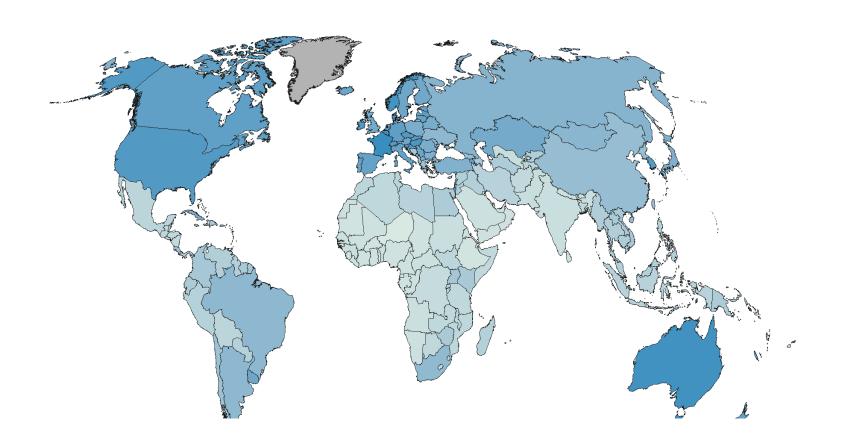
Inere were 14.1 million new cancer cases, 8.2 million cancer deaths and 32.6 million people living with cancer (within 5 years of diagnosis) in 2012 worldwide. 57% (8 million) of new cancer cases, 65% (5.3 million) of the cancer deaths and 48% (15.6 million) of the 5-year prevalent cancer cases occurred in the less developed regions.

The overall age standardized cancer incidence rate is almost 25% higher in men than in women, with rates of 205 and 165 per 100,000, respectively. Male incidence rates vary almost five-fold across the different regions of the world, with rates ranging from 79 per 100,000 in Western Africa to 365 per 100,000 in Australia/New Zealand (with high rates of prostate cancer representing a significant driver of the latter). There is less variation in female incidence rates (almost three-fold) with rates ranging from 103 per 100,000 in South-Central Asia to 295 per 100,000 in Northern America.

In terms of mortality, there is less regional variability than for incidence, the rates being 15% higher in more developed than in less developed regions in men, and 8% higher in women.

In men, the rates is highest in Central and Eastern Europe (173 per 100,000) and lowest in Western Africa (69). In contrast, the highest rates in women are in Melanesia (119) and Eastern Africa (111), and the lowest in Central America (72) and South-Central (65) Asia.

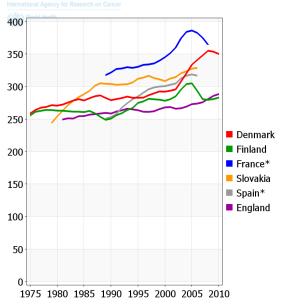
▲ Estimated Cancer Incidence Worldwide in 2012: Men



0 100 200 300 400

Estimated age-standardised rates (World) per 100,000

Trends in incidence of cancer in selected countries: age-standardised rate (W) per 100,000, men

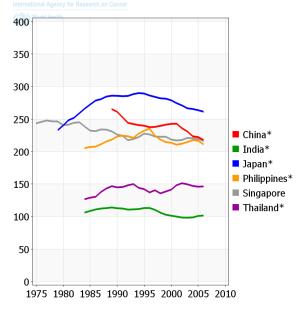


*Regional data

NORDCAN (www.ancr.nu)

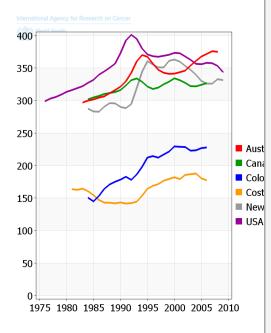
ECO (eco.iarc.fr)

England: www.ons.gov.uk



*Regional data

Cl5.iarc.fr

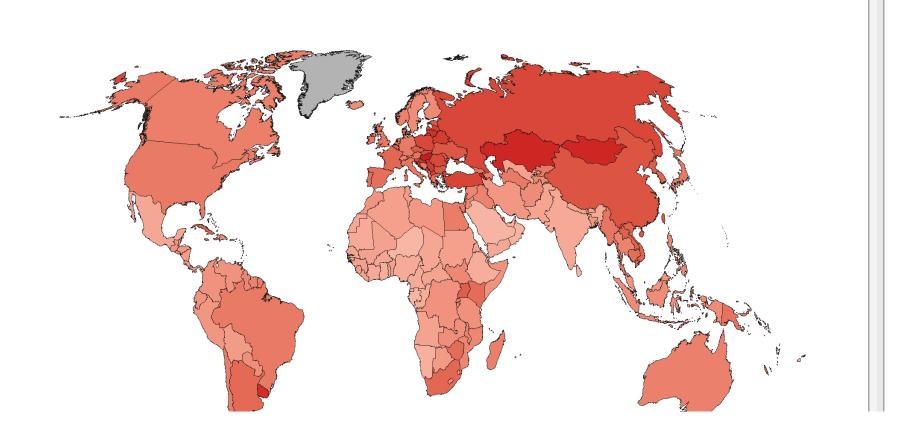


*Regional data Cl5.iarc.fr

Australia: www.aihw.gov.au New Zealand: www.health.govt.nz

USA: seer.cancer.gov

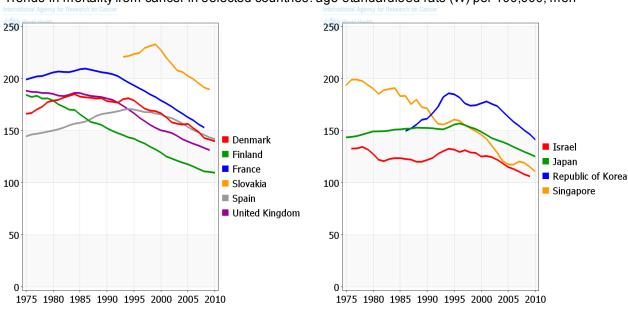
▲ Estimated Cancer Mortality Worldwide in 2012: Men





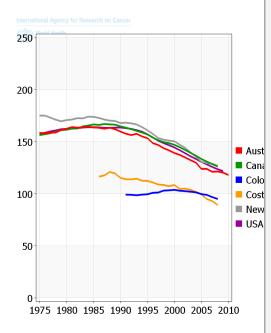
Estimated age-standardised rates (World) per 100,000

Trends in mortality from cancer in selected countries: age-standardised rate (W) per 100,000, men



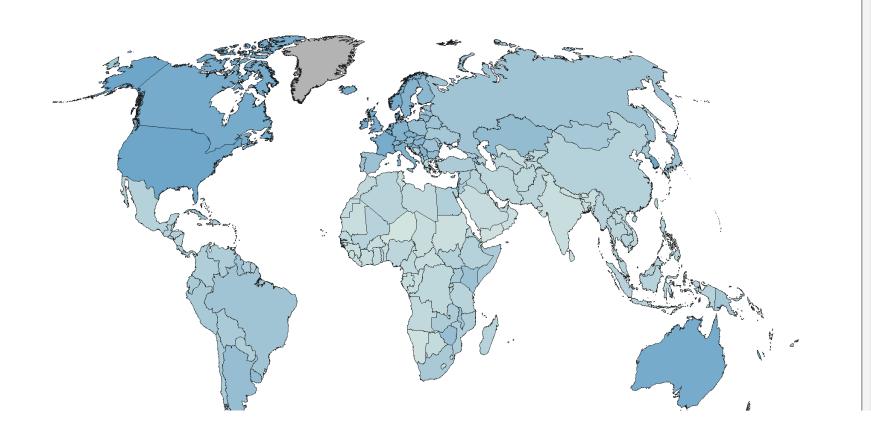
WHO (www.who.int/healthinfo/en/)

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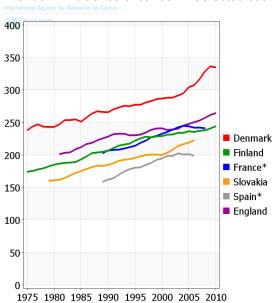
▲ Estimated Cancer Incidence Worldwide in 2012: Women



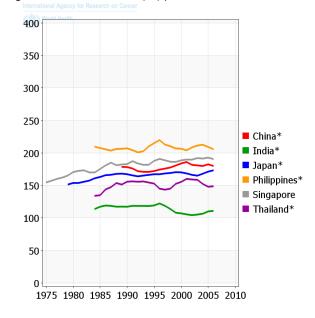
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Estimated age-standardised rates (World) per 100,000

Trends in incidence of cancer in selected countries: age-standardised rate (W) per 100,000, women

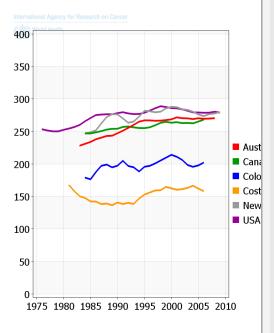






*Regional data

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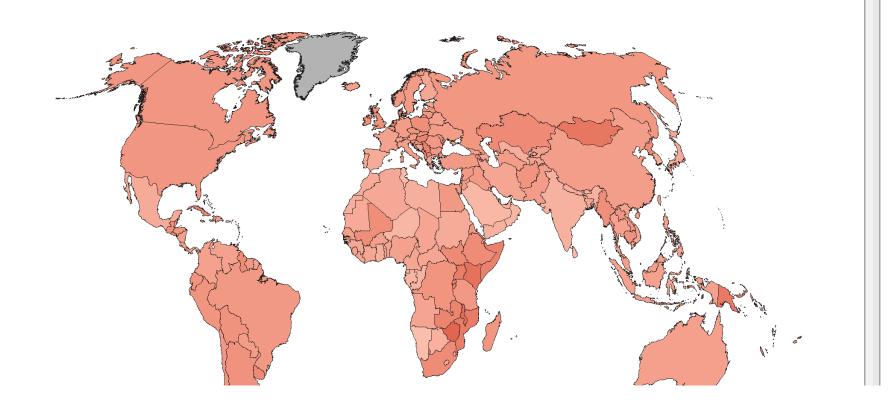


*Regional data Cl5.iarc.fr

Australia: www.aihw.gov.au New Zealand: www.health.govt.nz

USA: seer.cancer.gov

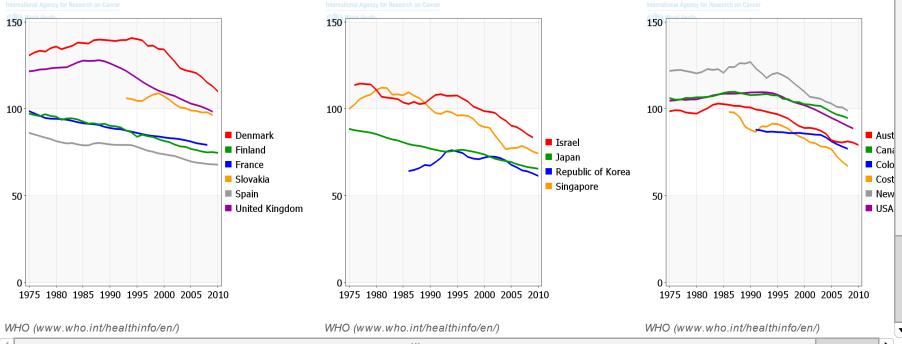
▲ Estimated Cancer Mortality Worldwide in 2012: Women





Estimated age-standardised rates (World) per 100,000

Trends in mortality from cancer in selected countries: age-standardised rate (W) per 100,000, women



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