



## South Australia 2007 figures

number of cases	46
number of deaths	3
incidence/100,000 (ASR* Aust 2001 population)	6.2
mortality/100,000 (ASR* Aust 2001 population)	0.4
risk of developing cancer (by age 75 years)	1 in 239

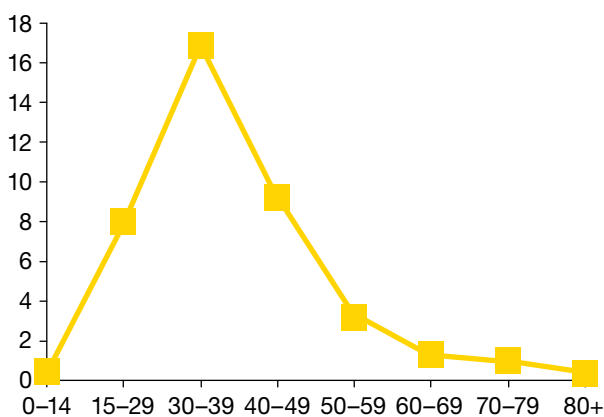
\*ASR – Age Standardised Rate

## Patterns in incidence and mortality

### Age

Unlike most other cancers that are common among older age groups, testicular cancer most often affects younger men between 15 and 50 years of age. From the age of 60 years testicular cancer is relatively rare.

### Age specific testicular cancer incidence (annual average rate/100,000, SA 1998–2007)



### Country of birth

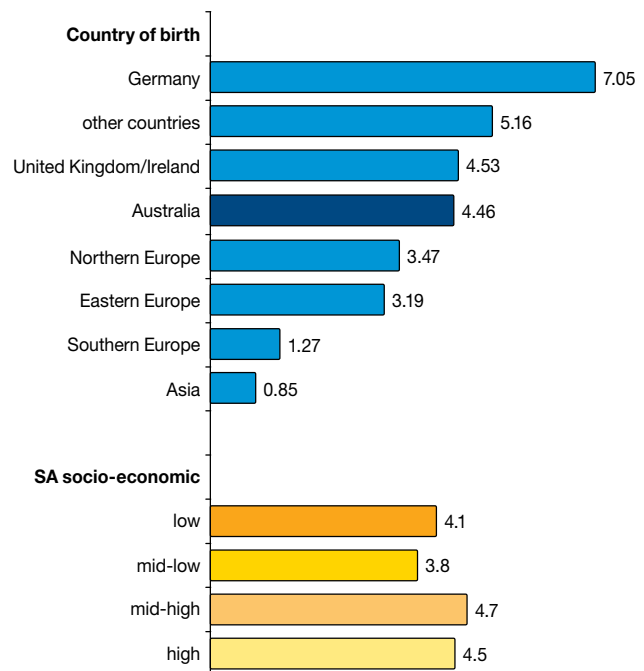
Within South Australia, overseas born men had an incidence rate about three quarters that of Australian born men, due in part to the lower incidence rates among Asian and Southern European born men.

### Socio-economic status (SES)/region

There is no evidence of a socio-economic gradient in the incidence of testicular cancer in South Australia.

Nor is there any evidence of differences in incidence according to region of residence, although there has been relatively lower incidence in the Lower North region of the state.

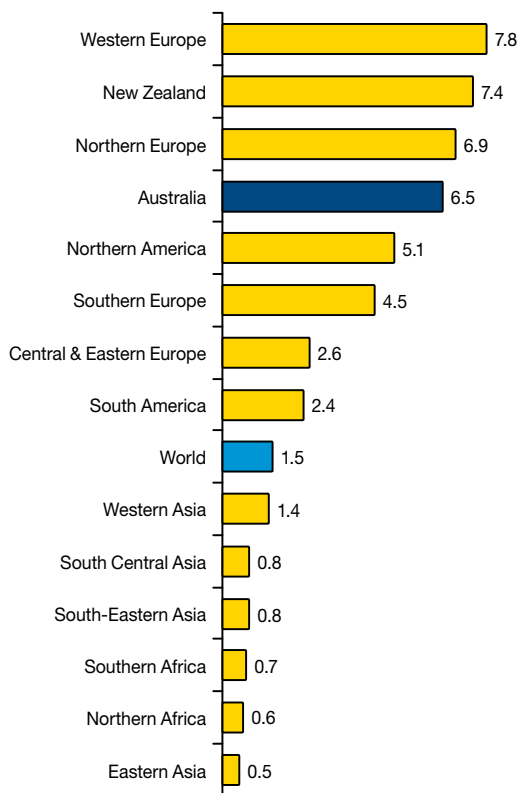
### Testicular cancer incidence by country of birth and SES (annual rate/100,000, SA 1977–2001, ASR World population)



## Global comparisons

Testicular cancer incidence rates in Australia are relatively high by international standards. The incidence of testicular cancer is lowest among developing countries particularly across Africa and Asia.

**Testicular cancer incidence rate by regions of the world (rate/100,000 ASR World population, Globocan 2008)**



## Survival

Survival outcomes from testicular cancer are extremely good, with approximately 95% of those diagnosed with prostate cancer surviving the disease five years from diagnosis.

## Risk factors

Possible risk factors for testicular cancer include

- a sedentary lifestyle
- prenatal exposure to female sex hormones or irradiation
- undescended testes
- family history
- some genetic disorders (e.g .Downs Syndrome).

**Data sources:**

- Cancer Registry reports, South Australian Department of Health
- Globocan 2008, IARC.

September 2010  
next review due September 2011

## Trends

Increases in the incidence of testicular cancer have been reported in many western countries. In South Australia incidence rates have increased by two folds between 1977–1981 and 2002–2007. At the same time mortality has declined substantially, probably as a result of improvements in chemotherapy.

**Trends in testicular cancer incidence and mortality in SA (rates for 1977–81 set at ‘100’)**

