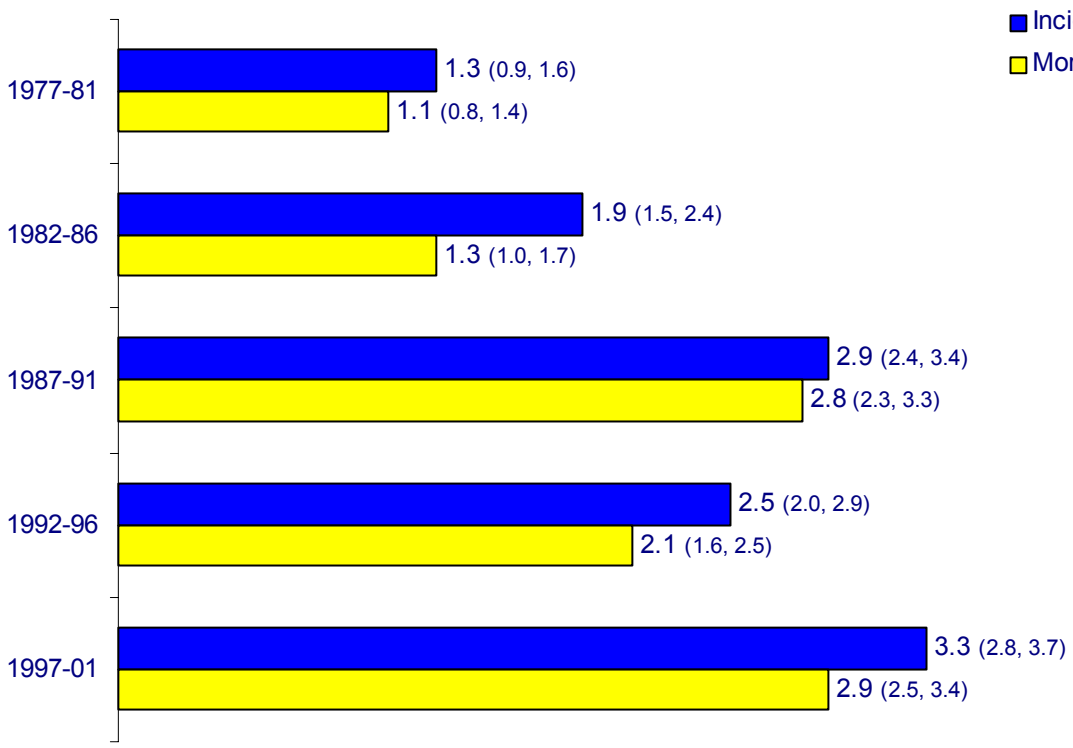
Annual incidence and mortality rates for cancer in South Australia in 1977-2001 for calendar-year groupings per 100,000 (age-standardized to World Population)

Cancer site: **Pleura**

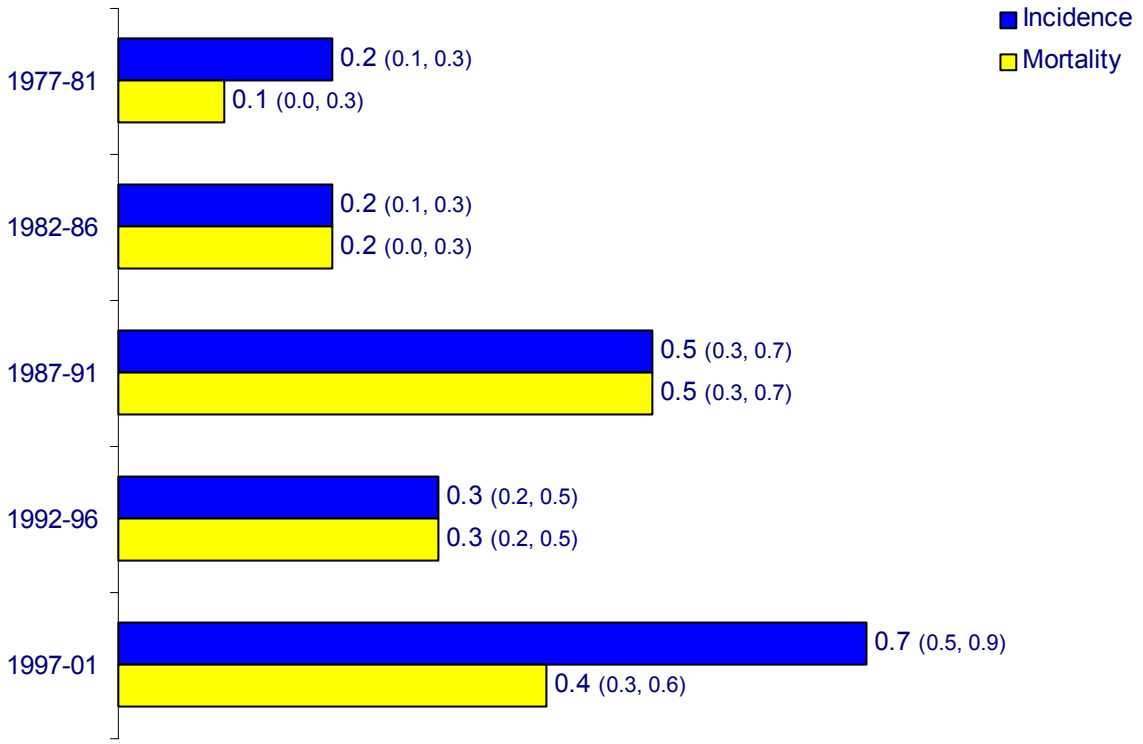
Males Incidence (95% confidence limits)



Annual incidence and mortality rates for cancer in South Australia in 1977-2001 for calendar-year groupings per 100,000 (age-standardized to World Population)

Cancer site: **Pleura**

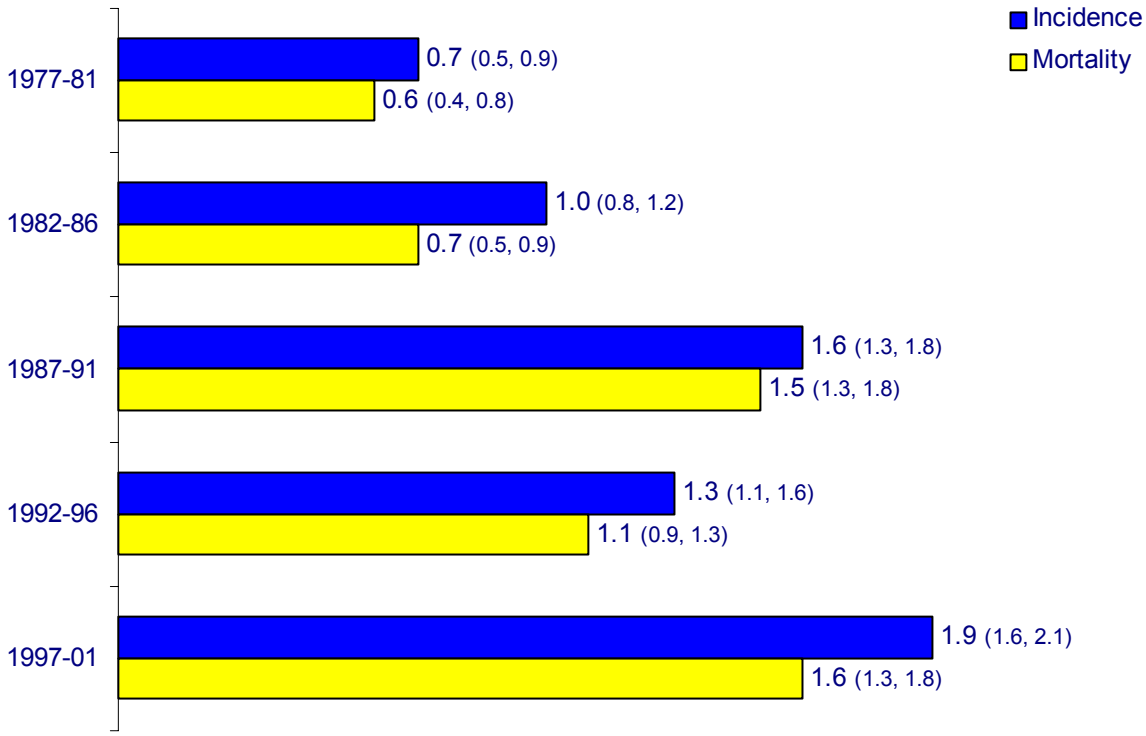
Females Incidence (95% confidence limits)



Annual incidence and mortality rates for cancer in South Australia in 1977-2001 for calendar-year groupings per 100,000 (age-standardized to World Population)

Cancer site: **Pleura**

Both Incidence (95% confidence limits)



PLEURA (mesotheliomas)

- An approximate 11 fold variation in incidence of these cancers was evident around the world in 1993-97, with Australia, South Australia specifically, and the United Kingdom/Ireland having high rates.

- Within South Australia, the incidence was about two thirds higher in the overseas-born during 1977-2000 than in the Australian born. Residents born in Germany and other Northern European countries, and the United Kingdom/Ireland, contributed to this elevation.

- Differences in incidence of these cancers by socio-economic status of residential area of South Australia in 1977-2001 fell within the range attributable to chance. There were regional differences, however, with a 59% higher incidence in Adelaide than generally applying in country regions. The country regions of Whyalla and Flinders Ranges were an exception, however, in that their incidence rates generally were higher than for Adelaide regions.

- **While incidence and mortality rates increased two to three fold between 1977-81 and 1997-2001, this mostly occurred prior to the 1990s.**

- The principal cause of these cancers would be historic exposures to asbestos, predominantly in occupational settings.