

Cancer in Siriraj 1980-2004

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Overview
Cancer incidence reported in this report is based on those cancers notified to the Siriraj Cancer Registry which were first diagnosed between 1st January 1980 and 31st December 2004. This report is the hospital based registry, the prevalence of cancer in this report is influenced by the availability of cancer treatment equipment and the expertise of doctors in the hospital.

Materials and methods

Siriraj cancer registry codes the site of cancer to the International Classification of Disease, 10th Revision (ICD-10) and codes the histology to the International Classification of Disease for Oncology (ICD-O) 3rd ed.

The task at the registry is to match incoming notification against the registered to see if the case has already been registered from other sources. Demographic details and codes for tumour site and histology are entered on the system and data are checked for internal consistency and completeness.

Cancer in Siriraj 1980-2004

Between 1st January 1980 and 31st December 2004 there were 5,671,234 new patients registered at Siriraj Hospital. Of these 96,354 (1.70%) patients were newly diagnosed of cancer, which 97.54% the diagnoses have been confirmed by histology, and 2.46% diagnosed by X-ray, imaging, and clinical examination.

The annual incidence is shown in Fig 1 and the method of diagnosis shown in Fig 2. The age group distribution is shown in Fig 3.

Cancer in different age groups

Cancer strikes all age groups but especially the elderly; 70 percent of the cases among men and 65 percent of the cases among women are found in people over 50 years of age. The percentage distribution of cancer incidence by age group is presented in Fig 4.

It should be noted that, even though cancer foremost strikes older people, there were between 1980-2004 around 120 children under 15 who were diagnosed per year. The incidence of cancer in children has increase during the past 20 years. The reasons for this increase are unclear. (Fig 5)

Leading cancer sites 1980-2004

The numbers of ten most frequent types of cancer for men and for women are presented in Fig 8, 9.

The incidence trends of some common cancers are presented in Fig 10, and proportion of cancer cases from different part of the country presented in Fig 11.

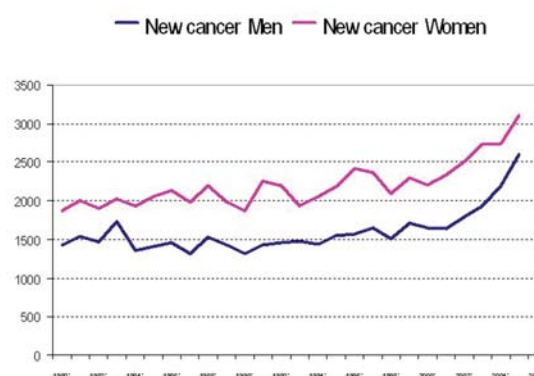


Fig 1. Number of new cancer 1980-2004.

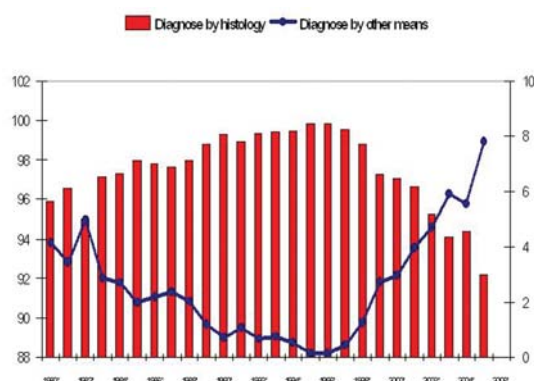


Fig 2. Percent of histology verified

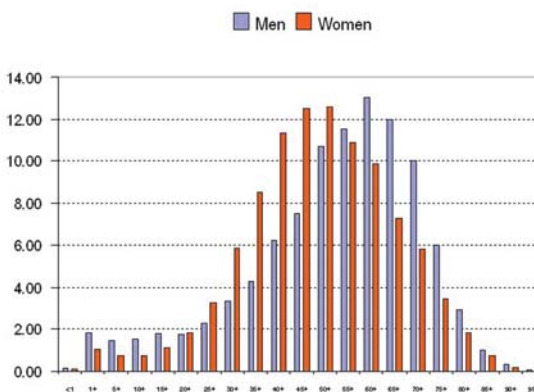


Fig 3. Age group distribution.

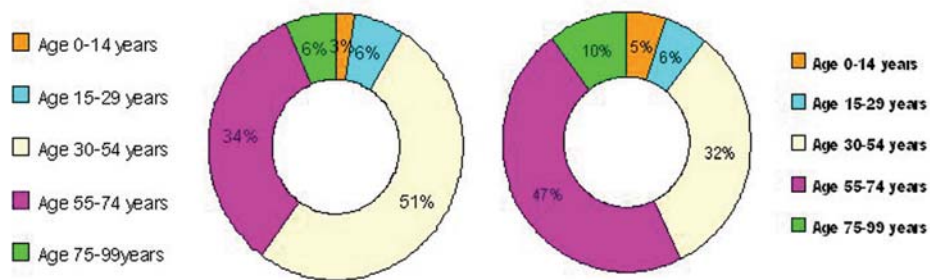


Fig 4. Cancer in different age group

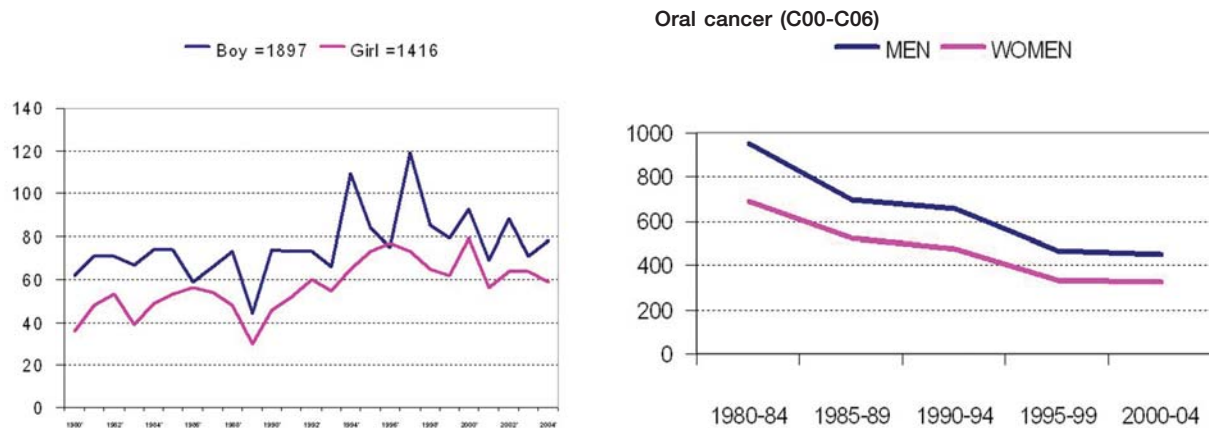


Fig 5. Cancer trend in Children

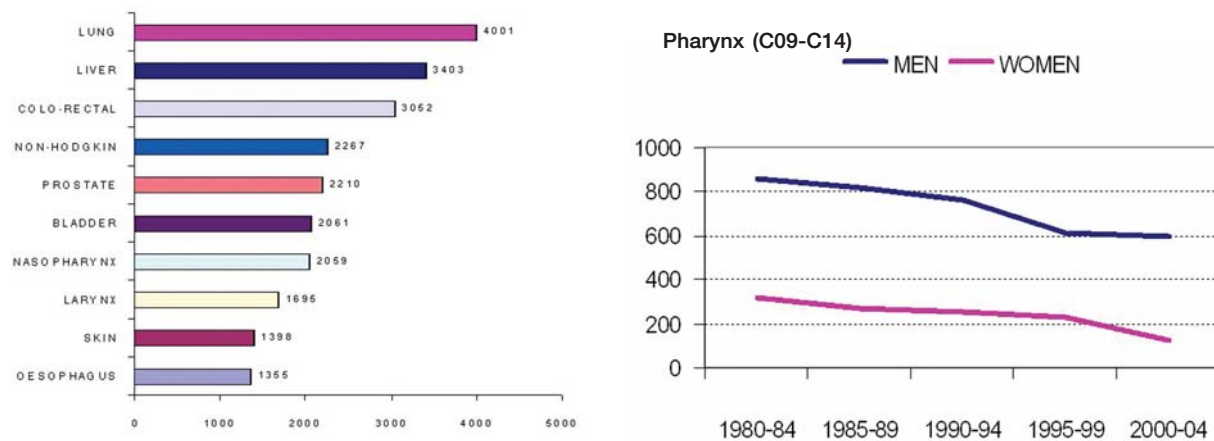


Fig 8. Ten top ranking sites for cancer incidence in Siriraj hospital 1980-2004 (Men)

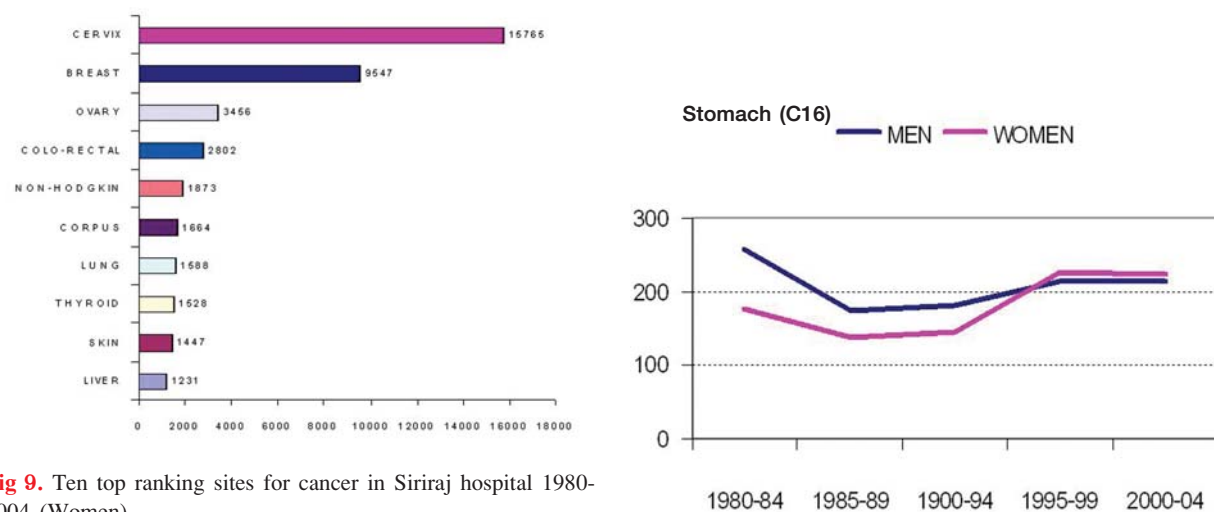


Fig 9. Ten top ranking sites for cancer in Siriraj hospital 1980-2004 (Women)

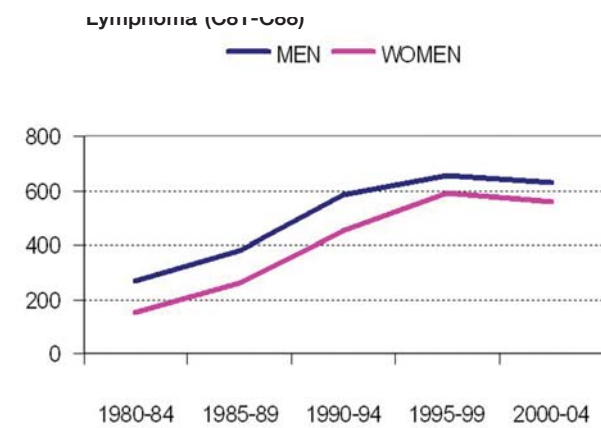
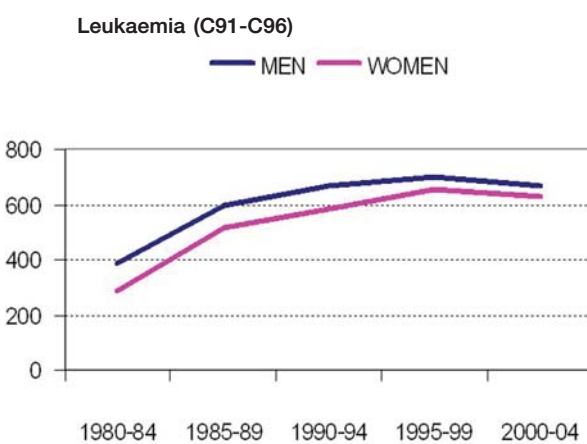
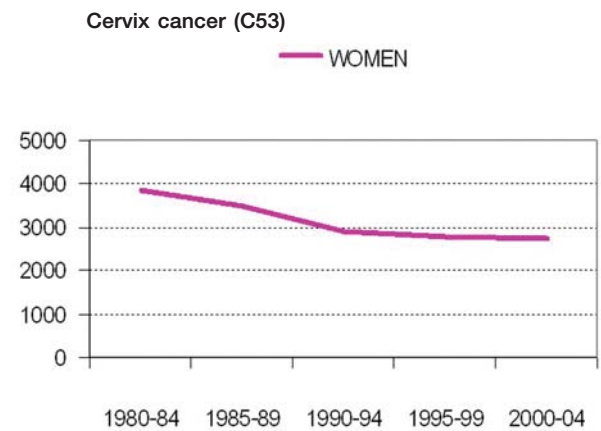
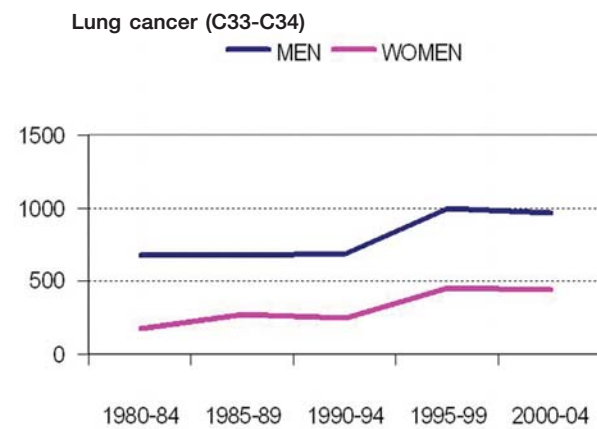
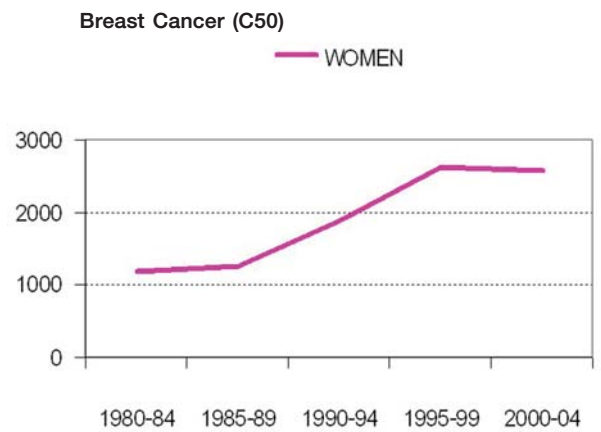
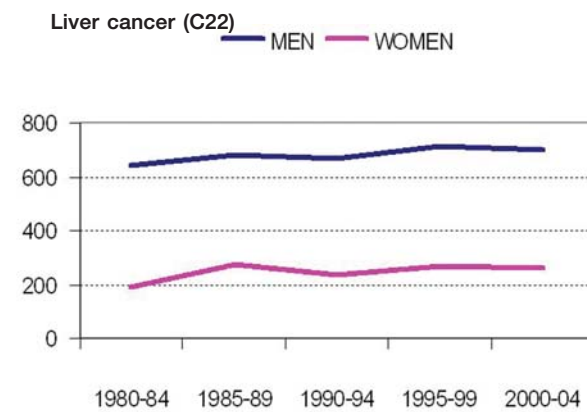
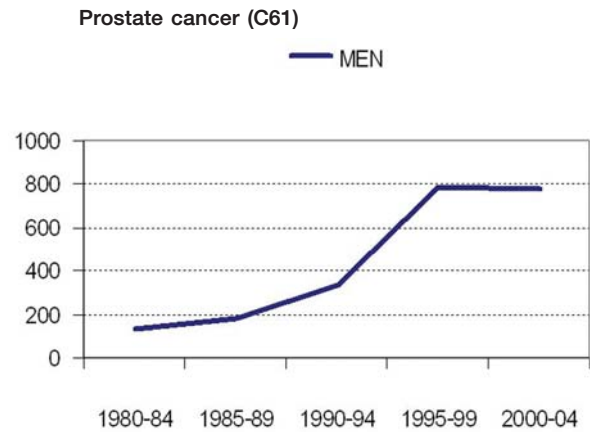
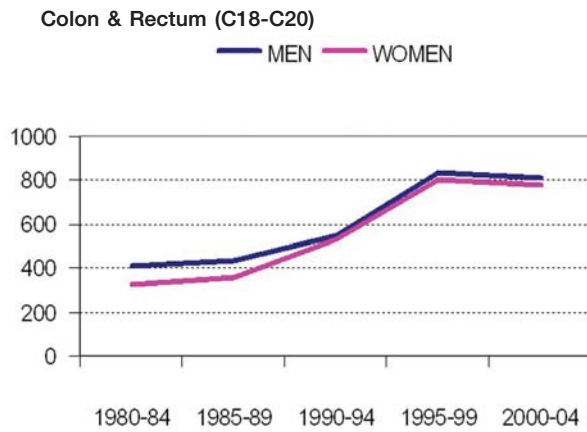


Fig 10. Cancer trend in Siriraj Hospital 1980-2004.

CANCER BY REGION

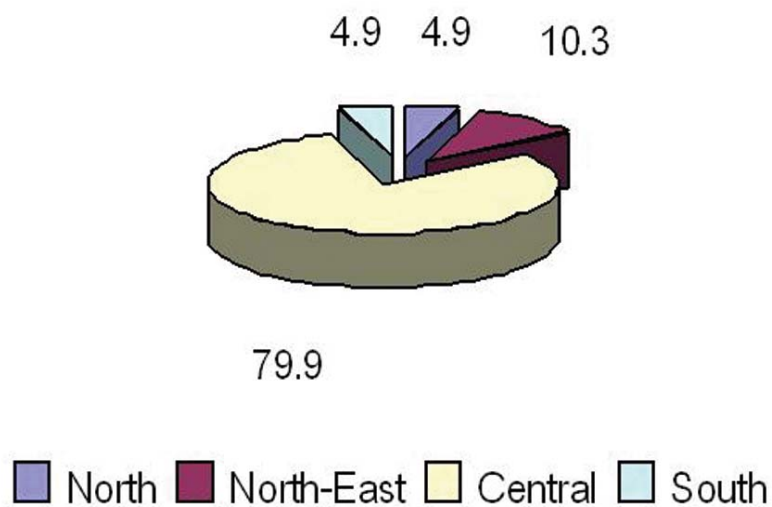
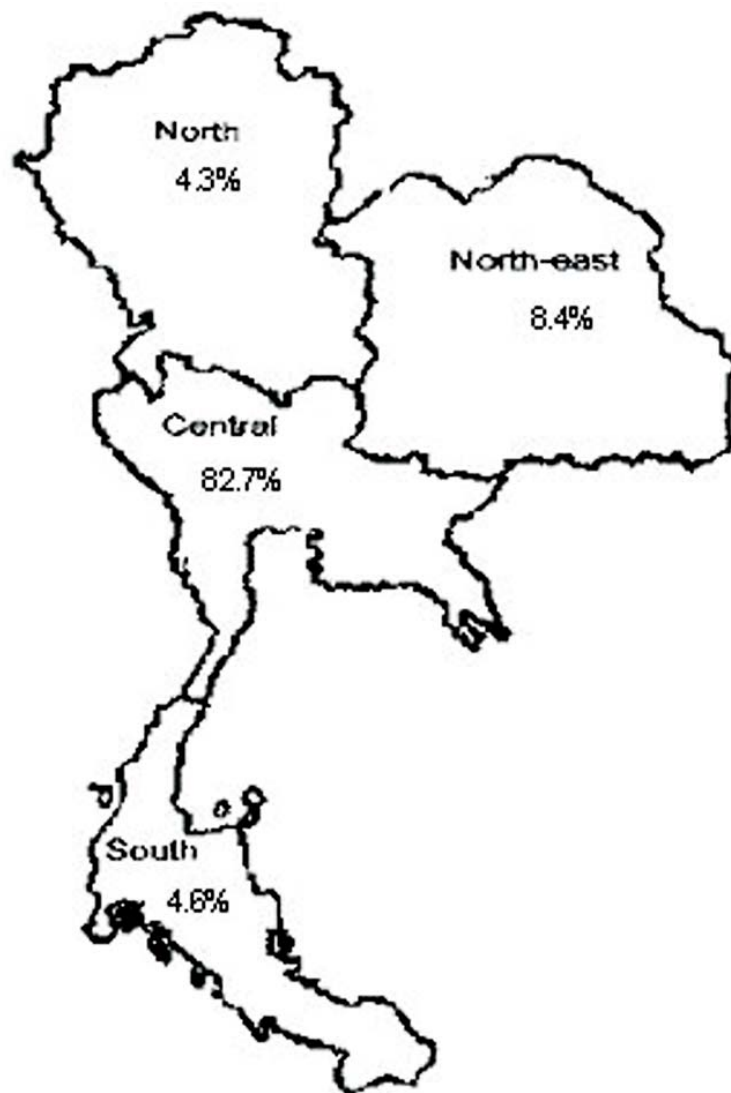


Fig 11. Proportion of cancer cases by region 1980-2004