

## Table 22 – Demographic Yearbook 2002

Table 22 presents expectation of life at specified ages for each sex for the latest available year.

Description of variables: Expectation of life,  $e_x$  is defined as the average number of years of life remaining to persons reaching age  $x$  if they continued to be subject to the mortality conditions of the period indicated in the table.

Male and female expectations are shown separately for selected ages beginning at birth (age 0) and proceeding with ages 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 85, 90, 95 and 100 years.

The table shows life expectancy derived from an abridged or full life table as reported by the country or area.

Data are shown with one decimal regardless of the number of digits provided in the original computation.

Life table computation: From the demographic point of view, a life table is regarded as a theoretical model of a population that is continuously replenished by births and depleted by deaths. The model gives a complete picture of the mortality experience of a population based on the assumption that the theoretical cohort is subject, throughout its existence, to the age-specific mortality rates observed at a particular time. Thus levels of mortality prevailing at the time a life table is constructed are assumed to remain unchanged into the future until all members of the cohort have died.

Reliability of data: The values shown in this table come from official life tables. It is assumed that, if necessary, the basic data (population and deaths classified by age and sex) have been adjusted for deficiencies before their use in constructing the life tables.

Limitations: Expectation-of-life values are subject to the same qualifications as have been set forth for population statistics in general and death statistics in particular, as discussed in sections 3 and 4, respectively, of the Technical Notes. They must be interpreted strictly using the underlying assumption that surviving cohorts are subjected to the same age-specific mortality rates of the period to which the life table refers.

Earlier data: Expectation of life at specified ages for each sex has been shown in previous issues of the *Demographic Yearbook*. Data included in this table update the series covering a period of years as follows:

Issue	Years Covered
Historical Supplement CD, 1997	1948 – 1997
Special Issue on Population Ageing and the Situation of Elderly Persons, 1991	1950 – 1990
Historical Supplement, 1979	1948 – 1977
1948	1896 – 1947