

## **CONTINUOUS MORTALITY INVESTIGATION REPORT NUMBER 13 (1993)**

This report contains a varied selection of papers on the CMI experiences, together with an index to the first thirteen numbers of CMI Reports.

Three of the papers relate to the 1983-86 mortality experience. Firstly there is a reworking of the data for assured lives, pensioners and annuitants, first reported on in *CMIR 11*, 1-72, using as a comparison basis the "80" series tables published in 1990. This is followed by a routine report on deaths by cause. Thirdly there is a paper containing "mini graduations" of the 1983-86 experiences showing how the "80" series tables can be adjusted to reflect the later experience.

There is a supplement to the "80" series standard tables in the form of a graduation of the combined pensioners experience 1979-82. Although actuaries may find it useful, it does not have the status of a standard table and should be used with care.

Also included is the first formal report on the comparative mortality of smokers and non-smokers, covering the years 1988 to 1989, and a report on the variation of mortality experience between offices.

On the PHI side there is a paper describing how to apply the methods of *CMIR 12* to the calculation of continuation tables and allowance for non-recorded claims.

Lastly, there is a list of errata for *CMIR 12*, almost inevitable in a publication of that size and complexity.