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MALTHUS UP-TO-DATE IN DETAIL

by Frederic Seltzer

Population and the American Future, the final Report of the Commission on Population Growth and the American Future was published in 1972. This Report was reviewed briefly in the Sept. 1972 issue of *The Actuary* and at greater length in *TSA XXIV* p. 513. Now six volumes of the research papers drawn on by the Commission in writing up the final report, as well as a volume of the statements given at the Commission hearings and a summary volume entitled *Schemes and Highlights of the Final Report of the Commission on Population and the American Future* are available from the Superintendent of Documents of the Government Printing Office. The books of research papers are as follows:

Vol. 1 — *Demographic and Social Aspects of Population Growth* contains 25 papers on population growth, mortality, fertility, immigration, the family and women, and population stabilization.

Vol. II — *Economic Aspects of Population Change* contains 11 papers that consider the effect of population growth on economic development in the past, present and future, including projected effects on selected industries, the labor force, education, welfare and health care resources, demand for housing and family structure and life style.

Vol. III — *Population, Resources, and the Environment* contains 14 papers covering resource and environmental effects of population growth that consider resource levels, pollution and waste material recovery, life style and energy consumption, and some differing views on the relative importance of population growth on the physical environment.

Vol. IV — *Governance and Population: The Governmental Implications of*

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20TH INTERNATIONAL CONGRESS OF ACTUARIES

The 20th International Congress of Actuaries will be held in Tokyo from October 25 to November 1, 1976. The Institute of Actuaries of Japan will be the host for the Congress. Membership in the International Actuarial Association is a prerequisite for membership in the Congress. Actuaries who are not members of the I.A.A. can join the Association by requesting a membership application from the Secretary of the U.S. Section, Mr. Fredrick E. Rathgeber, at The Prudential Insurance Company of America, Prudential Plaza, Newark, New Jersey 07101.

I.A.A. members are invited to prepare individual papers on one or more of four subjects:

1. Standards for Appropriate Premium Rating under the Present Management Environment.
2. Mortality Rates.
3. Improvement of the Function of Pension Schemes not included in General Systems.
4. Mathematical Researches concerning Management of Insurance Companies.

Complete information about the topics and rules for submitting the papers are contained in Bulletin No. 1 of the Congress. Copies of the Bulletin are available from Mr. Rathgeber.

The dates for submission of titles of papers and actual submission of the papers have been changed. The new dates are:

Notice of intent and title: Dec. 1, 1974.
Actual submission of papers: Mar. 1, 1975.

These items should be sent to Mr. Robert J. Myers at 9610 Wire Avenue, Silver Springs, Maryland 20901. Mr. Myers is Chairman of the Committee on Papers from the U. S. Section. Any questions on topics or content of proposed papers should be referred to Mr. Myers.

CLAIM RESERVES FOR GENERAL PURPOSE FINANCIAL STATEMENTS

by Clayton A. Cardinal

In determining a company's general purpose financial statement earnings in conformity with the Audit Guide for Stock Life Insurance Companies (the Audit Guide), it is necessary to consider what basis may be deemed appropriate for establishing claim reserves on health insurance policies. The bases for determining the other values taken into a general purpose financial statement have been considered elsewhere (for example, see pages 70 and 71 of the Audit Guide and pages 4 through 7 of the September 1972 Response of the Joint Actuarial Committee on Financial Reporting).

In arriving at the earnings for general purpose financial statements, claim reserves generally are identical with those in statutory statements prior to applicability of the Audit Guide. With the advent of the Audit Guide, however, it is necessary to determine whether or not claim reserves should be determined differently for general purpose financial statements than for statutory statements.

For statutory reporting, the primary concern of the financial statement is solvency of the insurance company, because such statements are directed towards the interest of policyholders and the public at large. This purpose dictates that "liquidation or termination of company" principles be adopted in determining claim reserves rather than "going concern" principles. The object of general purpose financial statements is to provide reliable financial information about the economic resources and obligations of the company and changes in its resources and obligations. It is an object of generally accepted accounting principles, that the earnings and thus the claim reserves be presented fairly and be de-

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