

Preface

This monograph consists partly but mainly of the research works carried out during my first stay at School of Economics, The University of New South Wales for the period of April 1975 - March 1977. Since then basing upon them, the research works have been continued in two directions: (1) improvements in estimating methodology and (2) fact findings in the modern economic development of Australia before the World War II. Through the experiences of these research works the Changes-in-stock method (CISM) with gross capital stock series provides capital formation series in terms of new but not either of net or gross, realizing that some adjustments are needed in order to obtain gross capital formation. The realization is important when we reconsider the problems of negative figures obtained in capital formation of prewar Japanese agriculture basing on the CISM with the Umemura-Yamada estimates.(See Ohkawa, Ishiwata, Yamada and Ishi (13)) Professor Ohkawa requested me to solve this problem, but I had not been able to do so until I published Ishiwata (11): the flow-stock condition or consistency between flow and stock variables in the measurement of the two. One of the products in the second direction is Ishiwata (9) and (12) as well as Chapter VI of this monograph. A summary article on the research works mentioned above in Japanese is also available in Ishiwata (10).

I wish to express my gratitude to Professors K. Ohkawa of Institute of Economic Research, Hitotubashi University, J. W. Nevile of Chair of School of Economics, University of New South Wales and W. G. Rimmer of Chair of Department of Economic History, University of New South Wales for their encouragement to my research on the Australian economy. I am particularly indebted to Professor Y. Yasuba of Kyoto University for his initial advice and suggestion on this topic while he was in Australia for April - July 1975 and to Professor N. G. Butlin for encouragement and supplying information though only through his books and articles.(Professional affiliations of professors above mentioned are in the periods of 1975-1979.) For possible errors still contained in the monograph the present author is solely responsible.

I would like to express my thanks to the Editorial Committee of the Institute of Social Science Research, International Christian University for giving me the opportunity to publish this research

work with long technical discussions on measuring capital stocks and many tables for Australian residential capital assets, 1860-1939 as one of the monograph series of the Institute. Finally, principal editorial works are kindly done by Nobunaga Honma for the expected general readers at the final stage of publication. To all of them I express my sincere thanks.

September 2003

Shigeru Ishiwata