

Analysis of the impact of ageing on health care spending in selected countries of the Commonwealth

Abstract

This thesis examines and analyses development of population ageing in Australia, Canada and New Zealand and especially its impact on the spending in the sector of health care. It includes comparison of demographic trends and description of health care systems in selected countries. The analysis is then processed by an econometric model focused on the impact of population ageing on government spending and spending of the private sector on health care through life expectancy at birth, ratio of population aged 65 years and above and other indicators. The modelling is carried out using linear regression, vector autoregression and fixed effects model in panel data. The results show that population ageing indeed affects through different intensity both government and private sector spending on health care in Australia, Canada and New Zealand.