

The Forecast of China's Population Structure Based on Demographic Input-Output Model

Topic: Input-output analysis for policy making 8

Author: hui li

Co-Authors: Xikang Chen

Population is the core issue of the development of human society, population projections can provide important basis for policy formulation of a country or region. Making use of demographic Input-Output model, this paper forecasts China's total population and structure changes from 2010 to 2030. Firstly, using the existing data this paper compiles 2000-2009 China's demographic input-output sequence tables. Then, using demographic Input-Output model and some methods of econometrics, this paper computes China's total population and the number of each age group from 2010 to 2030. Finally, this paper analyzes the changes of total population and population structure. It can be seen that using input-output technology to research population issues is not only a new research direction of input-output technology but also a new way to study population issues.