

## Introduction of PHM

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### 1. What is PHM

PHM (Population and Household dynamics Model) is developed to estimate future population and number of household. These projections are done and published by many researchers, but AIM team also develops a population projection model to be able to estimate original population/household scenario.

### 2. Structure of PHM

The model structure is shown in Figure 1. Population projection is based on cohort component method, and household projection is based on headship rate method. The model description is shown Table 1.

Table 1: Model description

Population projection	Household Projection
Projection year: 2010 (base year), 2015, ... , 2095, 2100	Projection year: 2010 (base year), 2015, ... , 2045,2050
Age: 0-4, 5-9, ... , 80-84, over 85	Household type: Single person, Nuclear household, Others
Sex: Male/ Female	
Urban/Rural	

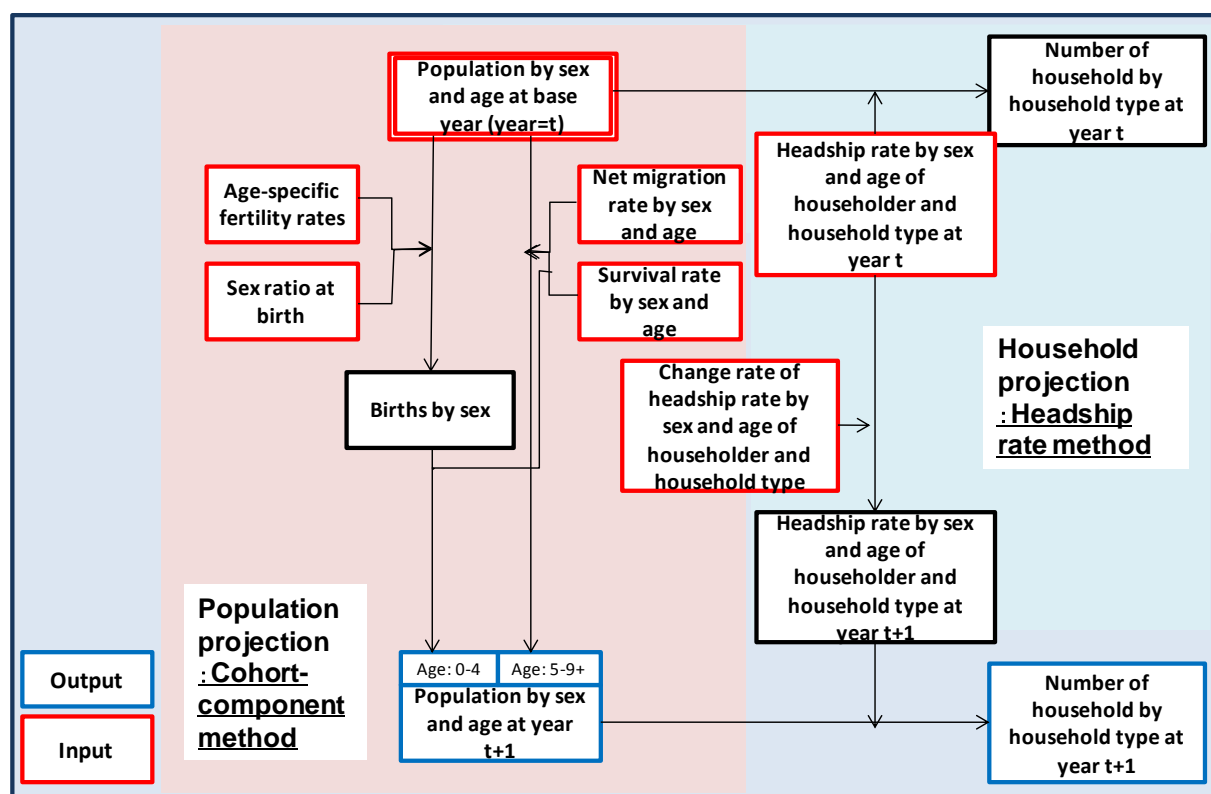


Figure 1. Structure of PHM