

10,505,818 Korean adults who underwent the Korean National Health Screening between January 2009 and December 2009

785,618 Excluded
15,327 Younger than 20 years of age
561,049 Missing data of baseline characteristics and covariates
209,242 Previously diagnosed with heart failure
(ICD code I50 plus at least 1 hospitalization)

F/U period 6.3 years

9,720,200 Participants newly diagnosed with heart failure assessed using the claim records of National Health Insurance
System until the end of 2015

**Supplementary Fig. 1.** Selection of the study participants. ICD, International Classification of Diseases; F/U, follow-up.