Participants (≥40 years old) who completed the health examination between January 2009 and December 2012 ($n=17,314,795$)

Participants with fasting blood glucose ≥ 126 mg/dL ($n=1,915,024$)

Newly claimed diagnostic codes for type 2 diabetes mellitus within 2 years from the date of baseline health examination ($n=294,528$)

Exclusion of participants
- Who did not perform follow-up health examination within 18 to 30 months after their baseline health examination ($n=154,795$)
- Missing data ($n=5,052$)
- Diagnostic codes of heart failure and hospitalization during the wash-out period ($n=2,263$)

Final study population for analysis ($n=132,418$)

Supplementary Fig. 1. Flow chart of study population.