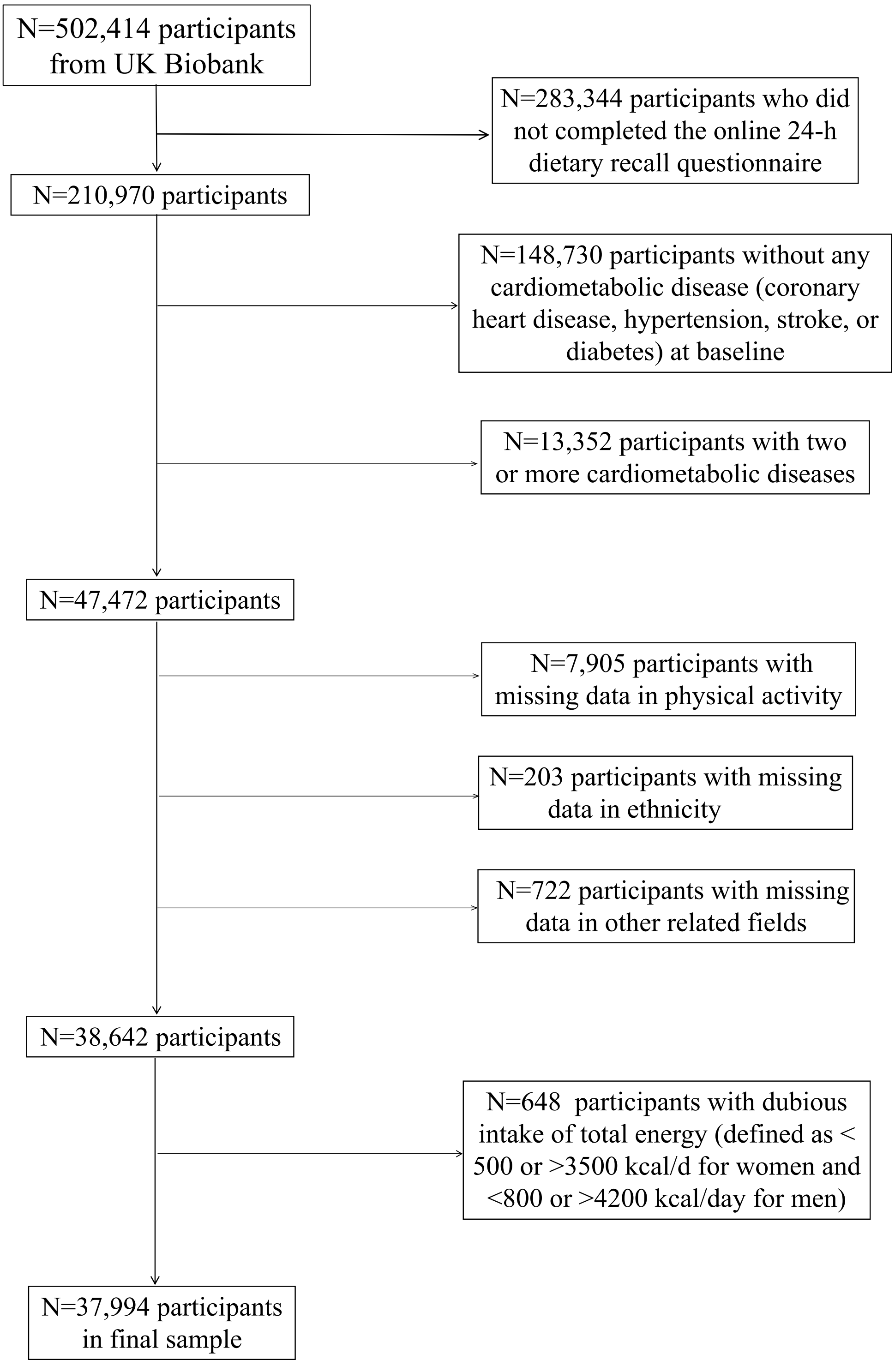
N=502,414 participants from UK Biobank
N=283,344 participants who did not completed the online 24-h dietary recall questionnaire
N=210,970 participants
N=148,730 participants without any cardiometabolic disease (coronary heart disease, hypertension, stroke, or diabetes) at baseline
N=13,352 participants with two or more cardiometabolic diseases
N=47,472 participants
N=7,905 participants with missing data in physical activity
N=203 participants with missing data in ethnicity
N=722 participants with missing data in other related fields
N=38,642 participants
N=648 participants with dubious intake of total energy (defined as < 500 or >3500 kcal/d for women and <800 or >4200 kcal/day for men)
N=37,994 participants in final sample