18 (8+2+8)Additional records 789 Records identified through identified in through other sources database searching Pubmed (n=332), EMBASE (n=457) 579 Records after duplicates (n=228) removed 579Records screened 500 records excluded 79 Full-text articles 35 Full-text articles assessed for eligibility excluded, with reasons Articles in Japanese (n=3) Prevalence of *H.pylori* infection at one-time point (n=21) Ineligible population (n=2) Duplication with included studies (n=1) 44 studies included in Only graph, no data available for converision to birth year qualitative synthesis Sample size<100 (n=1) Review article (n=1) 44 Studies + data from JPHC next cohort included in quantitative synthesis (meta-analysis)

Figure 1. PRISMA Flow Chart of Study Selection