Supplementary Figure 1. The flow process for inclusion and exclusion of study participants

Stated receiving ART (n = 3,099)

Excluded (n = 927)
- Age < 18 y at initiation of ART: 24
- Duration of ART lasting less than six months: 303
- Without baseline CD4 cell and plasma viral load count: 312
- Without at least one follow-up CD4 cell and plasma viral load count: 207
- Others: 81

Included in the study as of January 2014 (n = 2,172)

Active patients (n = 1,853)

Withdrawn or lost patients (n = 238)

Deaths (n = 81)
Supplementary Figure 2. Cumulative virologic failure rate
Supplementary Figure 3. Cumulative immunologic failure rate