

**Supplementary Table 1.** Items of the World Health Organization (WHO) STEPwise approach to non-communicable diseases surveillance surveys

<b>NCD</b>	<b>Risk factors (the future)</b>	<b>Diseases (the present)</b>	<b>Death (the past)</b>
<b>Step 1</b>	Questionnaire-based report on key behavioural risk factors such as tobacco use, alcohol consumption, dietary pattern and physical inactivity	Hospital or clinic admissions by sociodemographic factors	Death rates by sociodemographic factors
<b>Step 2</b>	Questionnaire plus objective physical measurements such as excess body fat, high blood pressure	Rates and principal condition by sociodemographic factors and principal conditions, NCDs and injury	Death rates by sociodemographic factors and broad cause of death (verbal autopsy)
<b>Step 3</b>	Questionnaire plus objective physical measurements plus biochemical measurements such as , blood glucose and blood lipids	Sociodemographic factors and cause-specific disease incidence or prevalence	Death rates by sociodemographic factors and cause of death (death certificate)