

# Conduct an Actuarial Assessment of the Current Viability of the Vietnam Social Security Scheme

**2015**

**Partner: Health Economics Research and Consulting Center (HERCC)**

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## **BACKGROUND:**

The Government of Vietnam (GOV) is committed to Social Health Insurance (SHI) as a mechanism for achieving Universal Health Coverage (UHC), including passage of a new amendment to the Law on Health Insurance that mandates SHI for all. Nearly 70 percent of the population is insured through Vietnam's SHI scheme, but out-of-pocket payments remain high at 47% of Total Health Expenditures and health care costs are escalating. The Viet Nam Social Security agency (VSS) is the central agency responsible for administering the SHI. As part of recently passed law, the MOH and VSS are responsible for defining a health insurance benefits package to address challenges that currently prevent the scale up and viability of the SHI scheme. In defining the benefit package, the VSS shall be addressing the following key questions in relation to the SHI: (1) Which services shall be covered? (2) Who shall be covered? and (3) How much should be covered? Actuarial costing analysis is required to inform how the MOH and VSS address these key questions.

## **OBJECTIVES:**

The overarching objective of this activity is to assemble and clean a dataset derived from the VSS' claims database and other relevant sources of data, and to use this dataset to create an actuarial model that the MOH and VSS may use to model various options for defining their health insurance benefit package.

The assignment is broken down in the following three tasks, all conducted under the supervision of the HFG health actuary:

1. Collect data from central and local insurance claims, membership, and financial databases to conduct an actuarial analysis on up to 50 services identified by the MOH;
2. Create an initial actuarial model using the data collected and conduct an actuarial analysis on the available data based on historic utilization and cost patterns;
3. Model potential cost and utilization of 3 to 4 options for designing the benefits package.

## **TIME AND LOCATION:**

Duration: August 2015 – April 2016

Location: 6 ecological regions in Vietnam including Hoa Binh, Ha Noi, Binh Dinh, Gia Lai, HCMC, and Dong Thap