

# Success Story of Project Completed for the Government

Date <25 November 2016>

**Project Owner:** Census and Statistics Department

**Project Name (in English):**

System Analysis & Design (SA&D) and System Implementation & Integration (SI&I) services of the project “Implementation of Computer System for 2014/15 Household Expenditure Survey (HES)” for the Census and Statistics Department (C&SD).

**Project Name (in Chinese):** Nil

**Project Description:**

*Objective*

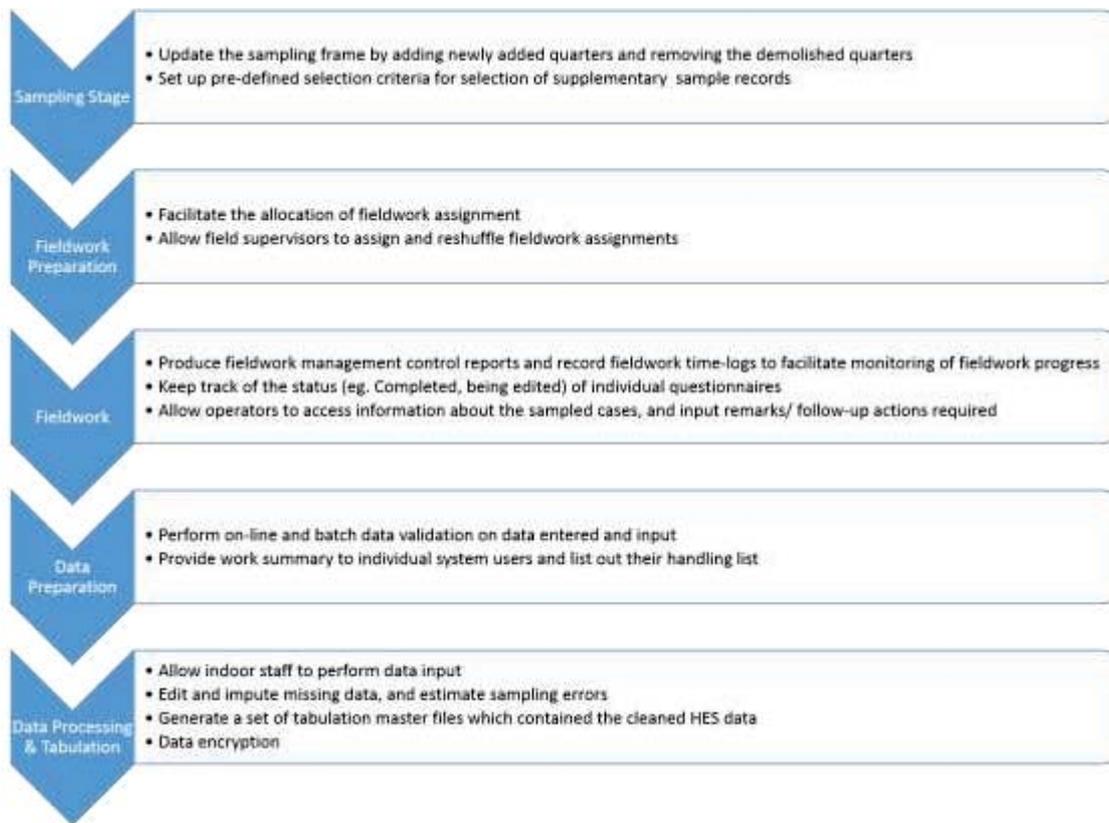
The main objective of this project is to redevelop the HES computer system on the Common Data Processing and Analysis Platform to cater for the anticipated changes in operational procedure and user requirements of the 2014/15 HES.

*Project Background*

The Household Expenditure Survey (HES) is conducted once every five years to collect up-to-date information on expenditure patterns of households in Hong Kong. The survey period is divided into 26 bi-weekly cycles and a sub-sample of households would be enumerated in each cycle. Around 12000 sampled living quarters were requested to keep a diary of personal expenditure for a period of two weeks. After the data are collected by field officers, it would be edited, coded and entered into the computer system by indoor officers.

During October 2014 to September 2015, HES was conducted under the facilitation of the system. The HES results was released at late 2015 for updating the 2014/15-based Consumer Price Indices (CPIs). At the peak period, more than 60 users were using the HES system for processing of survey data concurrently.

## Business Flow of the 2014/15 HES Surveys Operation



### Project Achievement:

The Computer System for 2014/15 Household Expenditure Survey (HES) brings the following outcomes:

- (i) Increase the efficiency of survey operation by automating the procedures;
- (ii) Enhance the accuracy by reducing reporting and coding errors through the on-line and batch validation functions in the computer system; and
- (iii) Produce tabulation reports for use in the analysis of the 2014/15 HES data.
- (iv) Survey results can also be used by Government and other research institutions in conducting socio-economic analyses

**Means of Service Acquisition:** SOA-QPS2

**Contractor Name:** Computer And Technologies Solutions Limited

**Subcontractor Name:** N/A

**Project Commenced on:** May 2013

**Project Completed on:** June 2016