CRVS Data Analysis Consultant for China

Background
Vital Strategies is an international public health organization. Our programs strengthen public health systems and address the world’s leading causes of illness, injury and death. We currently work in 73 countries, supporting data-driven decision-making in government, advancing evidence-based public health policies, and mounting strategic communication campaigns. Vital Strategies’ priorities are driven by the greatest potential to improve and save lives. They include non-communicable disease prevention, cardiovascular health promotion, tobacco control, road safety, obesity prevention, epidemic prevention, environmental health, vital statistics systems building, and multi-drug resistant tuberculosis treatment research. Please visit our website at www.vitalstrategies.org to find out more about our work.

Data Impact Program, Data for Health Initiative
The Bloomberg Philanthropies Data for Health Initiative aims to enhance public health data collection and use in low- and middle-income countries. Under this Initiative, Vital Strategies, in partnership with other global public health organizations, is implementing a multi-year program to provide support to numerous countries in Africa, Latin America, Asia, and the Pacific in improving public health data systems, such as civil registration and vital statistics and cancer registries and enhancing the use of data for decision making.
As part of the Data for Health Initiative, the Data Impact Program (DIP) provides technical assistance to government public health agencies and national statistics institutes to support capacity development in the domain of data use, i.e., analysis, presentation, dissemination and translation of data into policy. The Program’s objective is to help governments systematically strengthen the use of data in policy development and other key decision areas.

CRVS Data Analysis in China
The DIP, in collaboration with the Civil Registration and Vital Statistics (CRVS) program of the Data for Health Initiative, has been working with public health authorities in Shanghai and neighboring provinces in China to strengthen the use of CRVS data. One of the focus is to understand the association between mortality and other relevant metrics, including socioeconomic and environmental factors, and its potential policy impact.
The DIP is seeking a consultant who will work with Program staff to assist the municipal/provincial Centers for Disease Control and Prevention (CDC) teams in Shanghai and provinces to perform in-depth analysis of the mortality surveillance data.

Responsibilities
- Engage with country lead and local partners to develop analytic plans that define policy question(s) to address, data sources to use, and analytic methods to employ
- Orient local teams on data preparation, and analytic methods
- Mentor the local Shanghai CDC for the data analysis, interpretation and report writing
- Review results and interpretations and finalize the report
Deliverables

- The final study protocol/proposal (including the covariates list, data sources, methodology, tools, data management plan)
- (Virtual) orientation session(s) on analysis methodology and tools
- Facilitate consultation meeting about the study results
- Submit reviewed study report with policy recommendations/changes

Experience and Qualifications

- Post-graduate degree in relevant field such as statistics, health economics, epidemiology, public health
- Experience of conducting and providing support on advanced data analysis, especially to government officials
- Comprehensive data analytic skills, familiar with common analytic software such as R
- Written and oral English or Chinese language proficiency
- Strong verbal and written communication skills

Assignment

This is a consultant position with an anticipated level of effort of up to 10 days total. Deliverables are expected to be completed by August 2022. Note that contracts are executed and paid in the currency of the country where the consultant is based and that payments are tied to deliverables.

Application

Submit a CV and cover letter including your daily rate to lchen@vitalstrategies.org by May 27, 2022, 5.00 PM GMT+8. Note any additional services you provide that you think may benefit this project.