

## Original Article

### Estimation of Male Population Who Engaging in Commercial Sex and Exploring of Associated Factors In Taiwan

Chin-Chun Tang<sup>1</sup>, Yen-Fang Huang<sup>2</sup>, Chang-Hsun Chen<sup>2</sup>,  
Hui-Rong Liu<sup>3</sup>, An-Chi Lai<sup>4</sup>, Chin-Hui Yang<sup>5</sup>

1. Environmental Protection Department, New Taipei City Government
2. Division of HIV/AIDS and TB, Centers for Disease Control, Ministry of Health and Welfare, Taiwan
3. Northern Regional Center, Centers for Disease Control, Ministry of Health and Welfare, Taiwan
4. Chief Secretary Office, Centers for Disease Control, Ministry of Health and Welfare, Taiwan
5. Division of Preparedness and Emerging Infectious Diseases, Centers for Disease Control, Ministry of Health and Welfare, Taiwan

#### Abstract

Sex workers and their clients are a vulnerable hidden population. In general, they have a higher risk of HIV transmission than others. This study aimed to explore the number of male clients who have ever been to entertainment venues involved in prostitution and explored the factors associated with their consuming intention. Taiwanese male adults aged  $\geq 20$  years were included in this study. Through computer assisted telephone interview (CATI) system, a postal questionnaire or phone interview was conducted if respondent was willing to participate in the survey. A total of 1,091 questionnaires were completed. According to the Ministry of the Interior household registration data (2010); age, educational background, and residential area were weighted to make the sample representative. The results showed an estimation of 2.33 million people who might have ever been to entertainment venues involving in prostitution, and 0.47 million people who might have had sex trade in the past year among Taiwanese male  $\geq 20$ -year-olds. Among who have had sex trade, 70% used condom during every sex trade. Taiwan male adult who has lower Double Standard Scale (DSS), lower educational level, higher income, and not married had higher rate to visit those entertainment venues involved in prostitutions. This study suggests the government should enhance the condom use program among clients of sex industry.

**Keywords:** Male, sex related consuming, sex trade