

# Drug Use Patterns in China: From Past to Present

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## Abstract

In China, the past two decades have witnessed the rising popularity of synthetic drugs, which has profoundly changed the previous drug consumption structure that was dominated by heroin. Synthesizing the results reflected in official statistics and our empirical studies, this letter describes the drug use patterns in China from past to present. The increasing synthetic drug use in China is consistent with the global trend and new anti-drug policies in the world need to be developed to face such challenges.

## Introduction

Recent years have witnessed a “substantial escalation” in the use of new psychoactive substances (NPS) across class, race, and gender in some developed countries such as UK and US [1]. This phenomenon exists not only in developed countries but some developing countries like China. Today, China is one of the biggest synthetic drug manufacturing countries SCMP [2]. Due to the easy access to synthetic drugs, in 2014, the proportion of synthetic drug users reached 49.4%, firstly exceeding the proportion of opiates users (49.3%) in China China National Narcotics Control Commission [3]. Based on official data and existing studies, here we try to briefly describe the drug use patterns in China from past to present.

## The History of Drug Use in China

China has a long history of drug (especially opium) use. According to some historical accounts, opium was first brought into China by Arab traders during the Tang dynasty (618-907) Li & Fang [4]. Opium was initially used for medicinal purposes and people ate the raw form of opium. Later on, more and more people inhaled the smoke form of opium and got addicted to opium Li & Fang [4]. In 1729, Emperor Yongzheng of the Qing dynasty imposed the first opium regulations, which banned the sale and distribution of opium Dikötter et al. [5], Liang et al. [6]. Subsequently, Qing government carried out a series of regulations to control the spread of opium. However, the outbreak of the Opium War in 1840 marked the failure of Qing's series of opium control regulations and finally led to the fall of the Qing dynasty. The full criminalization of opium smoking occurred during the nationalist government period (1927-1937) Dikötter et al. [5]. The drug problems had not been eradicated in China because of the turbulent social situations (wars) during 1930s and the 1940s.

Such situations lasted until Chinese Communist Party (CCP) took power in 1949. In this year, the number of drug addicts were

estimated to be 20 million Dupont [7]. After the founding of People's Republic of China, CCP launched national anti-drugs campaigns in which the general public were mobilized to identify drug users and those drug users eventually got harsh punishments. Meanwhile, mass education was also conducted to spread the harmful effects of drugs. The harsh actions almost made China become a drug free society in next few decades until the Opening up in the end of 1970s Liang et al. [8].

## Heroin Dominated Era

Since the “open door” policy being carried out, large number of drugs especially heroin, has been trafficked to China mainly from two regions, Golden Triangle (in particular Myanmar) and Golden Crescent (including parts of Iran, Afghanistan, and Pakistan) China National Narcotics Control Commission [9]. The famous “China Routes” of drug trafficking include both the Golden Triangle-Yunnan-Guangdong route and the Golden Crescent-Xinjiang Uyghur Autonomous Region route Tanner [10]. The Myanmar-Yunnan-Guangdong route is traditionally more preferred. Drugs from this route are either consumed directly in Southern China, or trafficked onward to interior provinces. Foreign-made heroin from Golden Triangle account for about 75% of all heroin seized by authorities in China Zhang [11]. The other foreign-made heroin are mainly from the Golden Crescent China Daily [12].

The escalating heroin smuggling industry encouraged the growth of domestic drug market in China. Consequently, the drug users also increased. However, before 1990, only limited laws or regulations stipulating the disposition for drug users, e.g., Regulations on the People's Republic of China on Administrative Penalties for Public Security [13] and Measures for the Control of Narcotic Drugs [14]. Moreover, these two statutes only stipulates the length of detention and the amount of fine but no rehabilitation for discovered drug users. Several years later, to strike the

increasing drug smuggling industry, Standing Committee of the National People's Congress issued the Decision on the Prohibition against Narcotic Drugs [15]. The Decision stipulated much harsher punishments for drug smuggling and possession. Furthermore, the Decision listed more detailed disposition for discovered drug users. For example, they would be subjected to compulsory drug rehabilitation and re-education through labor.

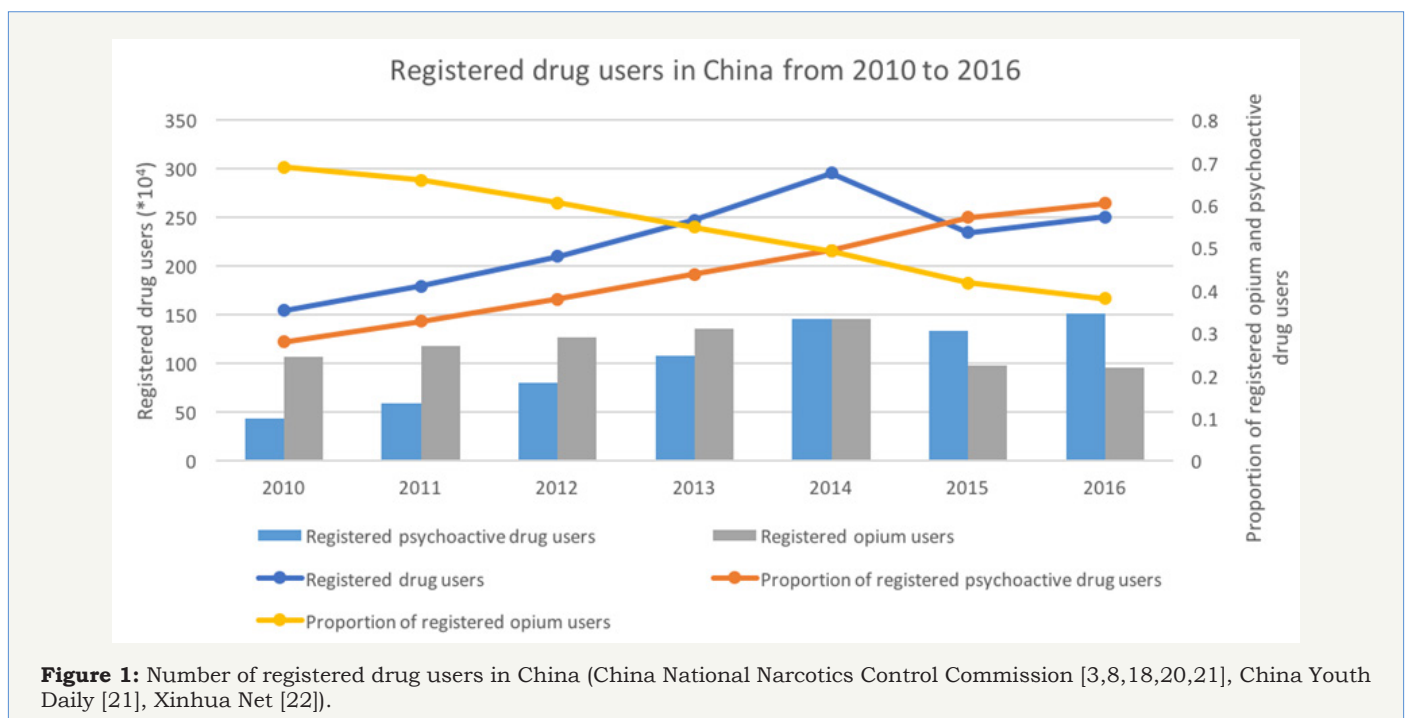
However, it seemed that the harsh laws and regulations didn't achieve the expected deterrence goals. In 1990, there were 70,000 registered drug users in China and heroin users are the dominant group Zhao, et al. [16]. After 1990, this number continued increasing even more rapidly due to the rise of synthetic drugs.

### The Rise of Synthetic Drugs

Compared to hard drug users, some synthetic drug users report that they are less physically addicted. Some typical kinds of synthetic drugs include methamphetamines, ketamine, LSD, ecstasy (MDMA), and so on. As these new types of drugs are usually used in parties, discos, and clubs, they are also known as psychoactive drugs or "party drugs" Cheung & Cheung [17]. Since 1990s, some European countries and the U.S. have seen the rising popularity of psychoactive drugs among youth Parker et al. [18]. During the last

decade, there has been a rapid proliferation of new psychoactive substances across the world.

In China, the data of registered synthetic drug users (108,300) firstly appeared in the Annual Report on Drug Control in 2004. At that time, synthetic drug user only accounted for 9.5% among all registered drug users China National Narcotics Control Commission [19]. In recent years, Guangdong Province, home to the bulk of China's chemical industry, has become one of the world's biggest methamphetamine manufacturing areas Minter [20]. The sufficient supply also makes the synthetic drugs available at a lower price, which further accelerates the spread of synthetic drugs across all age and social class groups in China. Afterwards, especially from 2011 to 2016, the number of registered synthetic drug users have been growing rapidly in Figure 1. In 2014, the number of registered synthetic drug users firstly exceed that of registered opiates users and continued increasing afterwards. In 2015, the number of registered drug users decreased because it excluded those who have maintained abstinence for more than three years, those who died, and those who have left China China National Narcotics Control Commission [23]. In 2016, the number of registered synthetic drug users reached 1,515,000, almost two times of opiates users China National Narcotics Control Commission [24].



### Poly-Drug Use: A Long-standing Phenomenon

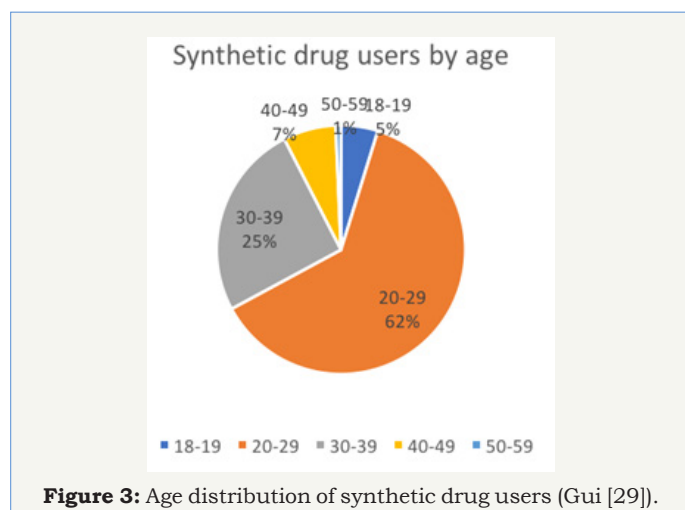
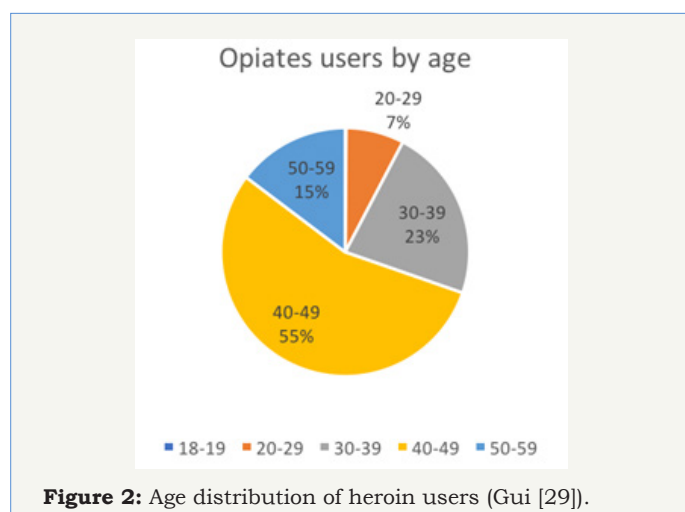
Poly-drug use is a common phenomenon either among opiates users or synthetic drug users. This is partially because the drug in its pure form is difficult to find in large quantities Opium Organization [25]. According to an epidemiological survey on poly-drug abuse conducted in China, 76% of the sampled drug users are poly-drug users and the top-seven drugs include heroin, heroin and diazepam, diazepam, triazolam, marijuana, MDMA, and methadone

Fu et al. [26]. Some of them even have tried more than four types of drugs in their lifetime.

### Demographic Characteristics of Drug Abusers in China

Based on existing studies, in the past drug users in China were mainly males (about 80% or more) with risky behaviors such as drinking or smoking. Majority of them were under-educated, unemployed and unmarried Deng et al. [27]; He et al. [28]; Li &

Fang [4]. However, with the rising popularity of synthetic drugs nationwide since late 1990s, the demographic characteristics of drug users have also changed. As synthetic drugs become dominant in the drug market, the number of female drug users has also been increasing in a dramatic speed. Previously, there were few female drug users in China. However, in 1999, the number of registered female drug users was 118,000, which went up to 138,000 in 2000, and registered female drug users accounted for approximately 16 percent among all registered drug users in both 2002 and 2003 Gui [29]. This proportion is even higher in relatively developed areas such as eastern coastal provinces. For example, in Zhejiang Province, registered female drug users accounted for up to 20.4 percent of all registered drug users in 2008 Wang [30]. Currently, drug users have no longer concentrated in the low-income and less educated groups and moved to all social classes in China Chu & Judith [31].



According to our self-reported survey targeting at institutionalized drug users in Guizhou Province in 2016, heroin users and synthetic users are greatly different in terms of age (Figure 2 & 3). Among heroin users, 40-49 group accounts for 55%. On the contrast, among synthetic drug users, 20-29 group is the dominant group (about 62%). In other words, synthetic users are apparently younger than traditional heroin users [30-33].

## Conclusion

As a country with long tradition of drug use, China has witnessed a significant turning point in drug use patterns during last two decades. The synthetic drugs have become the dominant type of drugs in the drug market and it will keep increasing with the worldwide proliferation of psychoactive drugs. Meanwhile, we need to notice that nowadays a considerable number of synthetic drug users in China are poly-drug users and they might try more types of drugs in their lifetime.

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