The objectives were to: (i) estimate the extent of the injecting equipment (IE) provided by needle exchange programs (NEPs) to injecting drug users (IDUs) in the Czech Republic in 2010; (ii) subsequently validate the recent methodology used for data collection by the Czech National Monitoring Centre for Drugs and Drug Addiction (CMC), and (iii) estimate the number of syringes provided to Czech IDUs. A simple document analysis was performed in order to collect data on the production, sale, and consumption of injecting equipment in the Czech Republic in combination with questionnaire screening in the NEPs and 21 brief interviews with key informants. Ten types of IE most commonly used for drug injecting by the Czech drug users were identified. Approximately 5,038,000 pieces of sterile IE were marketed in the Czech Republic in 2010. According to four manufacturers (with a market share of 96%) and with reference to the year 2010, 5,430,694 pieces of sterile IE were provided to Czech injecting drug users (487,694 pieces of IE were sold to IDUs in pharmacies and 5,038,000 pieces of IE were distributed by NEPs in 2010). We compared the amount of IE provided to IDUs as reported to the CMC National registry by NEPs (4,943,000) with that of IE distributed by manufacturers and distributors (5,038,000) in the country in 2010 and found a difference of less than two percent using two different methodologies. This study confirms the accuracy of the data on the amount of IE exchanged as collected by the CMC monitoring system. This study opens up important public health practice and policy-making issues. The methodology of this study may be used in regions where no data collection system is present or where confirmation of the data related to IE is needed.

**Keywords**

Needle exchange, needles, syringes, injecting equipment, consumption, injecting drug users.