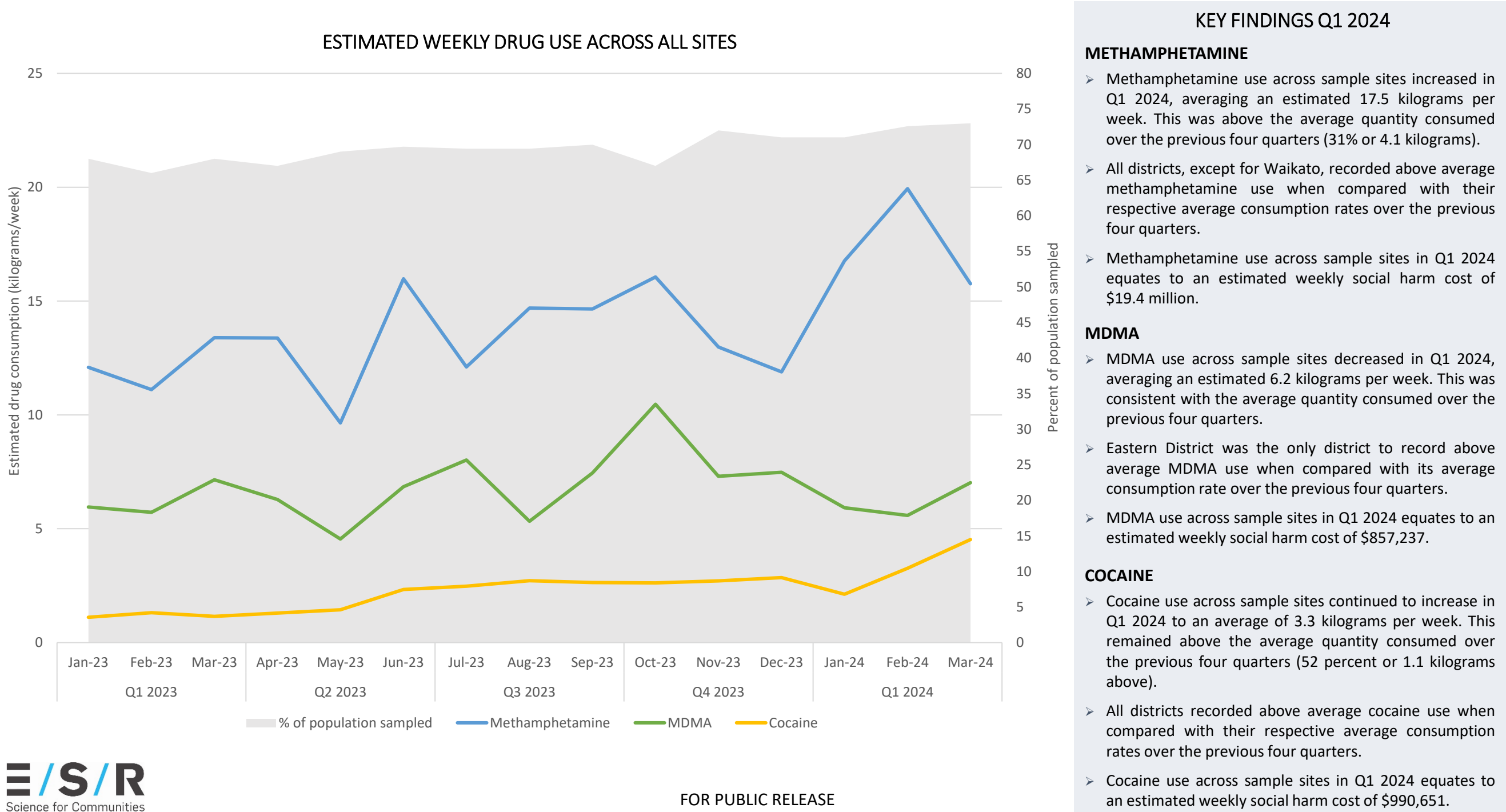


- Wastewater testing occurs during one week each month, however the frequency of testing varies between sites. Nationwide testing started in November 2018, with current testing sites covering up to 75 percent of the total New Zealand population. While the nationwide programme tests for indicators of consumption of methamphetamine, MDMA, cocaine, heroin, and fentanyl, the three commodities routinely detected in sufficient quantities to accurately report on are methamphetamine, MDMA and cocaine.
- Q1 2024 covers the three month period between January and March 2024 (inclusive).
- All data is representative of the sites tested only. It is not possible to extrapolate this data to nearby communities that are not tested.
- Drug use is calculated from the concentration of each drug biomarker detected in the wastewater. This is reflective of the amount of pure drug being consumed and does not include fillers, binders or adulterants.
- The social harm cost estimates are derived from the New Zealand Illicit Drug Harm Index 2020 (DHI 2020). The DHI 2020 provides a conservative measure of the harms associated with the use of illicit drugs in New Zealand and considers both personal and community harms.





Wastewater Drug Testing in New Zealand: National Overview

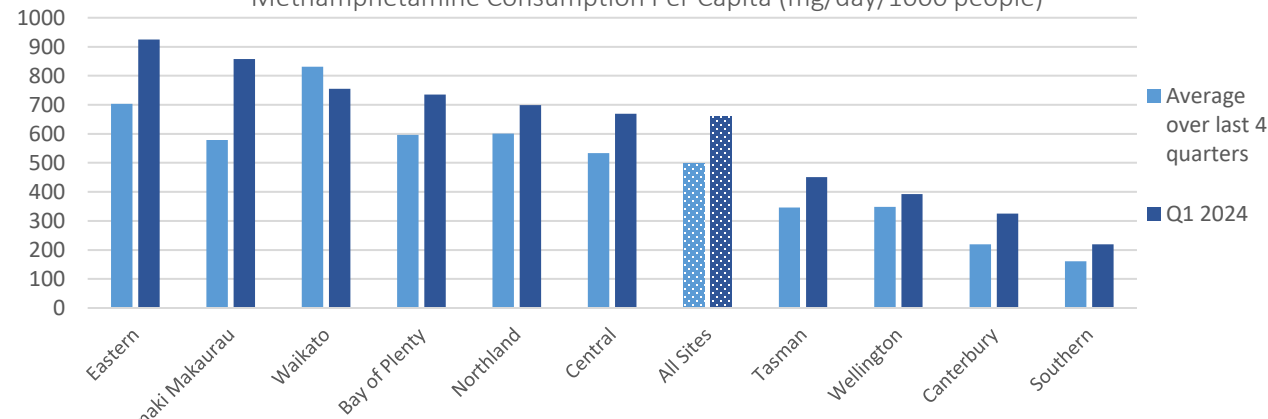
Quarter One: January – March 2024



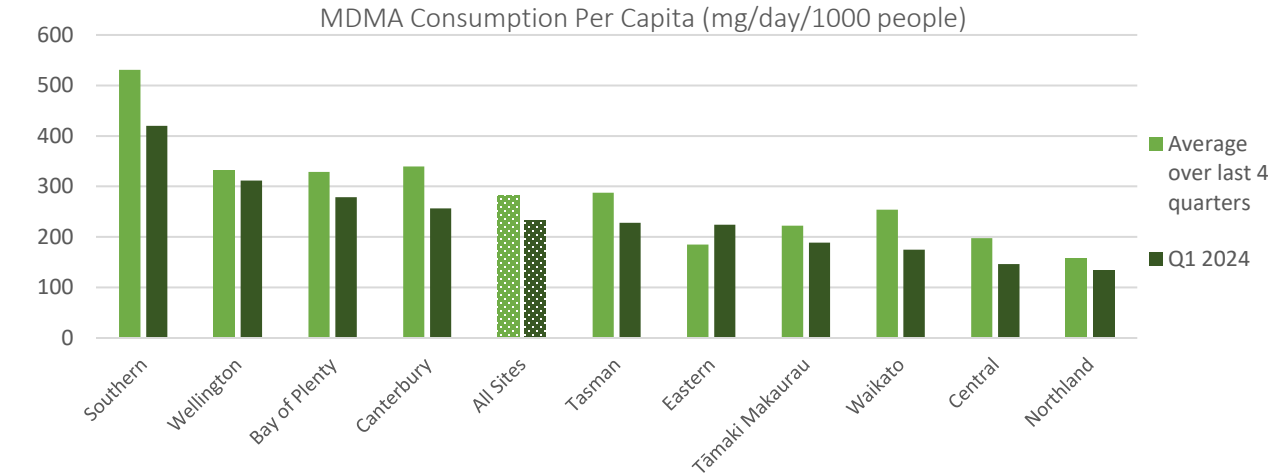
- Per capita drug consumption is shown as milligrams per day, per 1,000 people. As a number of locations are tested every second month, the presence or absence of data from some sites within a district will affect the total load and per capita consumption rates reported each quarter. **District** relates to the sites tested within each district and should not be extrapolated to represent the entire district. **All sites** relates to the per capita consumption for all sites tested across New Zealand. In previous reports *all sites* has been called *National*. This terminology change has been made to improve clarity around the data and what it means.
- The average weekly drug use pie charts show the average estimated drug use (in grams) for each commodity per district per testing week during Q1 2024. As this data is not adjusted for population, larger metropolitan areas record higher quantities of drug use per week due to the larger number of people in the catchment zone.
- The per capita drug consumption bar charts compares each district's average consumption rate over Q1 2024 with their respective average consumption rates over the previous four quarters.

PER CAPITA DRUG CONSUMPTION BY DISTRICT: Q1 2024

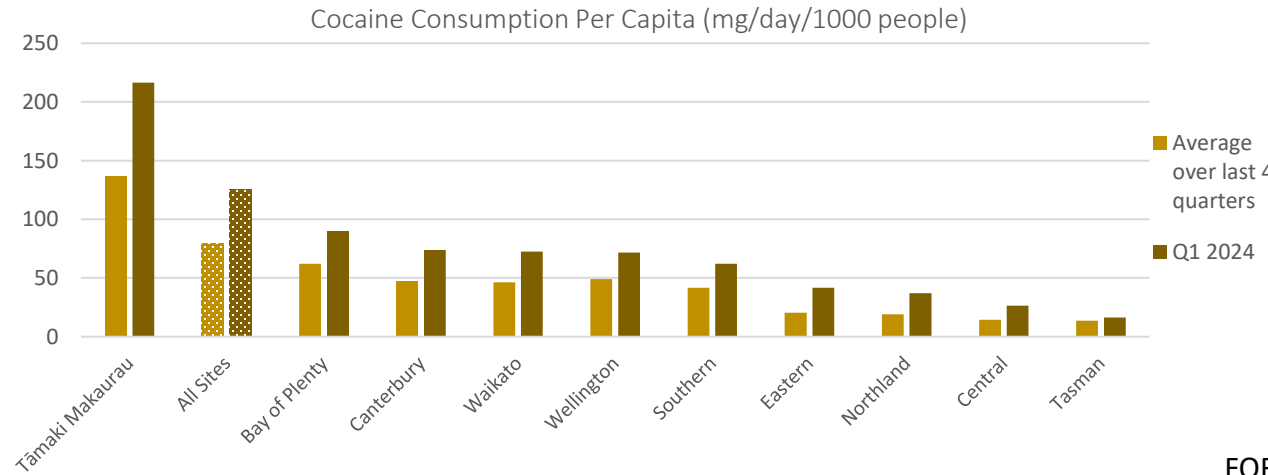
Methamphetamine Consumption Per Capita (mg/day/1000 people)



MDMA Consumption Per Capita (mg/day/1000 people)



Cocaine Consumption Per Capita (mg/day/1000 people)



AVERAGE WEEKLY DRUG USE BY DISTRICT SITES Q1 2024 (GRAMS)

