

2025

Annual Report to the Parliament on Drug Addictions in Italy

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Foreword

Building on the renewed format and graphic design introduced in 2024, this year's *Annual Report to the Parliament on Drug Addictions in Italy* presents a focused and informative overview of the phenomenon. Its lean layout and intuitive visuals ensure easy navigation through the wealth of data provided by national and local authorities, and private social organizations. Most importantly it provides perspective and insight on this past year.

Overall, the 2025 Report reveals several encouraging indicators, despite the limited timeframe and percentage values. For the first time since 2018 (excluding the pandemic years), drug use among youth has shown a slight decline, while access to treatment has remained relatively stable. This, however, should not be interpreted as lessening the seriousness of the risks entailed by commonly used substances such as cocaine, synthetic opioids, and new psychoactive substances (NPS), or the growing fragmentation of the drug market. Similarly, this does not undermine the widespread use of high-potency cannabis derivatives, which in fact continues to be driven by the persistent underestimation of their harmful effects.

The current challenges in the field of prevention, law enforcement, and addiction recovery call for multidirectional interventions, with some being in continuity with the past, and others needing to be enhanced. As for continuity, law enforcement and judicial authorities continue their strong battle against drug trafficking, often in cooperation with their counterparts from other countries along the same drug routes. Over the decades, Italy has developed extensive experience and expertise in this field, along with a wealth of knowledge, making it a model for many other countries in terms of legal frameworks—both substantive and procedural—as well as of effectiveness of enforcement actions. Importantly, this does not criminalise individuals undergoing addiction treatment.

Meetings with government representatives from countries most affected by criminal drug trafficking—most notably at the annual United Nations Conference in Vienna held in March—highlight the extent of Italy's collaborative efforts, especially on behalf of its many institutional bodies, which are appreciated, especially by nations in South America and the Indo-Pacific region.

The intensification of efforts in recent years has not focused on legislative changes, but rather on prevention, care, and recovery. The Government has set a goal (shared and indeed exorted by all those involved in addressing addiction) of increasing available resources. For this reason, the 2025 budget law includes: a) a new Fund for the prevention,

monitoring, and contrast of behavioral addictions among younger generations; b) a Fund for pathological addictions, with explicit provisions allowing a portion to be used for hiring permanent healthcare and social-healthcare personnel for public addiction services; c) the strengthening of healthcare services provided by specialized residential facilities, both educational-rehabilitative and therapeutic-rehabilitative, aimed at enabling interregional mobility—previously hindered despite the clear benefit of undergoing treatment away from one's home environment.

These resources are supplemented by funds from the "8 per 1000" tax allocation, which starting from 2023, citizens may designate under the "State" option to support initiatives for the "recovery from drug addiction and other pathological addictions."

The 2024 data show that the use of cannabinoids, stimulants, and cocaine among students has declined compared to the previous year. This constitutes a minor yet notable reversal of prior trends and confirms the effectiveness of prevention initiatives carried out in communities and schools. Indeed initiatives such as awareness campaigns on the dangers of drug use and prevention of other forms of addiction (conducted with the support of law enforcement and sector professionals) are multiplying. Schools have also tried other ways of engaging

students starting from primary school, through competitions on addiction-related topics: the high participation rate and the quality of the projects confirm that focusing on education and training gives strategic depth to prevention efforts.

In such context, given the ease of access to substances (more than 40% of youth claim they can easily obtain drugs on the street, and about 20% through the web), families cover a key role. Youth who report having a trusting relationship with their parents, good communication, and positive self-esteem are less likely to engage in substance use. Not only do these factors lead youth to avoid drug use but they also contribute in reducing other at-risk behaviors.

Within the broader fight against drugs and addiction, particular attention is being given to new psychoactive substances—most notably fentanyl. Accordingly, in March 2024 the Government launched The National Prevention Plan against the misuse of fentanyl and other synthetic opioids. The plan has gained appreciation and is being used as a study model by those countries that are tragically facing fentanyl's spread within their own borders.

This Report does not focus on the use of psychoactive substances alone: data for 2024 show that: one in three minors used tobacco, one in four experienced at least one episode of alcohol intoxication, one in five engaged in at-risk behavior related to video games, and 17% displayed problematic and reckless internet use. The entire prevention and recovery system, beginning with institutions specifically dedicated to these issues, is fully aware of the harm and risks related to such addictions, which are no less severe than those caused by drug addiction.

This year marks the VII National Conference on Addictions, to be held in Rome in November 2025. Although the conference is foreseen to take place every three years, as mandated by the Consolidated Law on Drugs, sixteen years have passed since the last full scale event (a scaled-down version took place during the Covid period, though with lesser impact). This years' event confirms once more the Government's prioritization of the complex field of addictions.

While the Government acknowledges it does not have infallible solutions, it maintains that open and pragmatic dialogue is crucial to fostering the collective action needed to tackle these complex issues. What we are certain of is that no person—young or old—who is struggling with addiction should be marginalized or abandoned. This Report provides the factual and scientifically validated foundation upon which to build meaningful action in support of that certainty.

Alfredo Mantovano

Undersecretary to the Prime Minister's Office

Summary

Stable market and new public health challenges

Data from 2024 illustrate a complex picture of the drug phenomenon in Italy. On one hand, the data confirm a substantial stability in the main epidemiological indicators, with access to treatment services showing no significant deviations compared to previous years. On the other hand, qualitative changes in the drug market are emerging, presenting new challenges for public health and safety.

Traditional substances such as cannabis, cocaine, and opioids continue to dominate the illicit market. However, a diversification of the supply persists, with the continued presence of New Psychoactive Substances (NPS), including synthetic cathinones, synthetic cannabinoids, and synthetic opioids. That said, available data confirm that while these substances pose significant health risks, fortunately, they have not, to date, shown widespread diffusion among the youth population. On the contrary, substance use among students is declining across nearly all categories.

Illegal substance use among youth: encouraging signs

Compared to 2023, substance use among students in 2024 has slightly declined, especially related to the more dangerous and complex substances. Specifically, cannabinoid use dropped from 22% to 21%, NPS from 6.4% to 5.8%, synthetic cannabinoids from 4.6% to 3.5%, stimulants from 2.9% to 2.4%, cocaine from 2.2% to 1.8%, and hallucinogens from 2.0% to 1.2%. Only opioids remained stable at 1.2%, continuing to be the most widespread drug among youth. This inversion in trends suggests an increased awareness

among youth of the risks related to drug use and would confirm the key role of prevention activities being carried out in schools and local communities.

New psychoactive substances among youth: requires surveillance despite low diffusion rate

In 2024, the rapid drug alert system NEWS-D identified 79 New Psychoactive Substances circulating nationwide. These substances mainly belong to the classes of synthetic cathinones (27%), synthetic cannabinoids (24%), phenethylamines (8%), and synthetic opioids (8%).

Of the reports from Italy, 32% involved traditional addictive substances already listed in DPR Table no. 309/1990, such as delta-9-THC, cocaine, methamphetamine, MDMA (ecstasy), amphetamine, heroin, LSD, psilocin, and GBL.

Within the planned actions outlined in the "National Prevention Plan against the abuse of fentanyl and other synthetic opioids," launched in March 2024, NEWS-D collected and disseminated documents related to the identification of fentanyl and other synthetic opioids nationwide.

The central role of cocaine and crack

In 2024, about 11 tons of cocaine were seized in Italy: a significantly lower amount than previous years but still representing, for the fifth consecutive year, about one-quarter of all drugs seized nationally. Gioia Tauro port plays a crucial role in cocaine trafficking, accounting for 40% of total seizures in Calabria.

Cocaine remains one of the substances with the greatest health and social impact in Italy. It accounts for 35% of drug-related deaths (consistent with 2023), 30% of hospitalizations related to drugs (stable compared to the previous year). 23% of individuals accessing SerD addiction services are treated primarily for cocaine, with an additional 3.3% for crack. Cocaine is frequently associated with poly-substance use and is detected in 48% of lethal acute intoxications according to forensic toxicology data. Police analyses of seized samples show an increase in powder cocaine seizures since 2020, with average purity stabilised between 67% and 70%. Regarding crack, seizures have increased since 2019, with a significant rise in samples showing high active ingredient concentrations, up to 90% purity.

Meanwhile, cocaine and crack trafficking and possession charges (art. 73 of DPR 309/1990) have nearly doubled since 2000, rising from about 8,500 to 14,500; a similar trend is seen in charges for organised trafficking (art. 74 of DPR 309/90). Particularly concerning is the rise in charges involving minors: in 2024, a quarter of the minors charged (300 under 18) were reported for cocaine-related offences, a sharp increase compared to the early 2000s when this share was under 10%. Reports for personal use of cocaine and crack have also grown, accounting for about 25% of all annual reports for violations of Article 75 on drugs since 2020.

Contrary to the 2023 trend, 2024 saw a decline in cocaine use among very young people (15-19 years): 1.8% of students (around 45,000) used the substance during the year, down from 2.2% in 2023; about 10,000 (0.4% of the student population) report habitual use of at least 10 times per month. According to urban wastewater analyses, cocaine is the

second most consumed illegal psychoactive substance in Italy, with an estimated average of about 11 doses per day per 1,000 inhabitants, a slight increase compared to 2020–2022.

The widespread availability of cocaine is also having increasingly evident impacts on public health. In 2024, cocaine was the primary cause of 38% of new admissions to addiction services, which increases to 44% when also considering primary use of crack-a sharp increase from 31% in 2015. Cocaine, ahead of alcohol and tobacco, is the substance most frequently associated with poly-substance use, involving one-third of patients treated in SerDs, rehabilitation facilities, and among detainees with addiction.

This growing impact is also reflected in the healthcare system: in 2023, hospitalisations directly attributable to cocaine accounted for over 30% of drug-related hospital admissions, a figure that did not exceed 16% until 2015. Including all hospitalisations with diagnoses related to drug use, the percentage rises to 38%.

Forensic toxicological analyses also confirm a higher presence of cocaine. It is the third most frequently detected substance in toxicology screenings of drivers involved in road accidents or subjected to road checks arriving at emergency rooms, present in 4.3% of samples, rising to 9% in death cases. Often combined with other substances, cocaine significantly increases the risk of serious or fatal accidents.

In 2024, 35% of deaths directly verified by law enforcement were attributed to cocaine, reaching a historic high. This shows that in recent years, opioids are no longer the sole main cause of lethal acute intoxication deaths but have been progressively joined by cocaine and crack.

Forensic toxicological analyses confirm this trend: cocaine was detected in 48% of lethal acute intoxication cases analysed, while heroin appeared in 24%, highlighting cocaine's growing involvement in drug-related mortality.

Heroin and other opioids: primary substance for users in treatment, market decline

In the past year, Italy seized nearly 350 kilograms of heroin and other opioids, less than 1% of the 58 tons of drugs intercepted nationally, confirming a decline that started in 2019 and especially marked in the last two years. Charges for trafficking, illegal possession, and organised trafficking of heroin and opioids, which in 2024 accounted for about 4% of all drug-related charges, are sharply decreasing compared to about 20% in the early 2000s. The same trend is seen in reports for personal possession, which in recent years represent 3% of the total, versus 11% in 2010.

Looking at demand, heroin remains the primary substance for 59% of people currently in SerD care. Although still being the highest percentage, it is down from around 70% in the early 2000s. Most of these users have long-term follow-up, indicating an ageing treated population. This trend, along with younger users mostly in treatment for other substances, is a key factor in planning and organising service offers, especially for adapting territorial services. The percentage of people treated for opioid use in residential facilities remains stable.

Health consequences related to heroin and opioid use are showing a new trend. In 2024, for the first time, the number of deaths directly attributed to heroin, verified by law enforcement, matched those related to cocaine use. These significant data raise important questions about the phenomenon's evolution and require close monitoring in the coming years to see if heroin will be progressively replaced by other synthetic opioids or opioid-based medications, considering also the decline in opium production likely due to cultivation bans by the Taliban in Afghanistan. Hospitalisation data related to drug use confirm this trend: 15% of cases in 2024 were attributable to heroin or other opioids, a clear decrease from 24% in 2013-2014 and 17% in 2022.

Cannabis: widespread use but slight decline

Cannabis remains the most widespread substance, with 21% of students having used it in the last year (down from 22% in 2023).

This substance accounts for 77% of personal use reports (stable data), 37% of drug dealing charges (slightly down), and is the primary substance for 13% of SerD users (unchanged). Seizures also declined: -36% for hashish and -29% for marijuana compared to 2023, despite a 10% increase in the number of operations. Wastewater analyses confirm cannabis and derivatives remain the most widespread psychoactive substances, with about 52 daily doses per 1,000 inhabitants, stable compared to previous years.

A notable element is the significant increase in THC concentration in hashish products, whose potency has quadrupled since 2016, especially in new generation formulations and e-cigarette liquids. Additionally, products declared as low

THC (under 1%) adulterated with synthetic cannabinoids – chemical substances that mimic THC effects and represent 24% of new psychoactive substances identified in Italy by NEWS.

In 2024, law enforcement agencies carried out 9,943 operations against cannabis trafficking, seizing over 46 tons of marijuana and hashish, representing 79% of all intercepted drugs nationwide. Despite a 10% increase in the number of operations compared to 2023, there was a marked decline in the quantities seized: -36% for hashish and -29% for marijuana. The seizure of over 150,000 cannabis plants also indicates a consolidation of domestic production, mainly in Sardinia, Calabria, and Apulia.On the administrative reporting front, cannabinoids remain central: representing 77% of reports for personal use possession (art. 75 of Presidential Decree No. 309/1990) in 2024. This percentage has remained steady between 76% and 80% since 2014, except for a slight fluctuation during the pandemic period.

Regarding criminal charges filed with the Judicial Authority for offences under Presidential Decree No. 309/1990, 37% (10,460) in 2024 related to possession of cannabinoids, primarily hashish (73%). Nearly all charges (99%) were for possession and dealing (Art. 73). Of those reported, 44% were youths under 24, and 8% were minors. Over the past ten years, the impact of cannabis on the healthcare system has grown, as shown by hospital admission data related to drug use. Currently, about 7% of hospitalisations directly linked to psychoactive substances are attributable to cannabinoid use. Broadening the scope to include any hospitalisation diagnosis related to cannabis, the percentage rises to 29%, up significantly from 17% in 2013. Forensic toxicology tests in 2024, conducted in emergency departments following accidents or roadside checks, found cannabinoids in 6% of cases, which represents 12% of substances involved in fatal road accidents. In terms of treatment, the percentage of people in care for cannabis-related issues remains steady: 13% in Addiction Services (SerD) and 7.6% in the rapeutic communities. Among drug-dependent inmates, 12% primarily use cannabinoids.

Criminal justice: targeted focus on the trafficking chain

In 2024, there were 27,989 reports of drug law violations (Presidential Decree 309/1990, Articles 73 and 74) for trafficking and dealing. The vast majority (91%) concerned offences of trafficking, production, and illicit possession (Art. 73), while 9% related to conspiracy to traffic (Art. 74)—proportions that have remained stable for two decades. Analysing data by substance, cocaine/crack accounted for 52% of these reports, followed by cannabis and derivatives at 37%, heroin and other opioids at 4%, and synthetic and other drugs at 2% and 5%, respectively.

Services and Prevention: A Strong and Structured Network

SerD addiction services treated over 134,443 individuals in 2024 (+2.7% from 2023), while therapeutic communities registered around 23,977 individuals accessing services. Emergency rooms recorded 8,378 visits directly related to drugrelated conditions, a slight 2.5% decrease from the previous year. 2024 also saw a notable strengthening of prevention projects, with widespread efforts in information, awareness, and risk prevention carried out by a complex network of public bodies (notably regional administrations and addiction departments) and private organisations, including associations and NGOs. Particularly significant were initiatives in lower and upper secondary schools, reaching a broad youth population more vulnerable to substance use. Throughout the year, 328 prevention projects were launched nationwide, most focusing on environmental and universal prevention aimed at enhancing knowledge, skills, and social abilities to counter psychoactive substance use and other at risk behaviours. Additionally, 60% of schools organised activities or awareness days focused on psychoactive substance use—a rising trend from 2023. Anti-bullying and anti-cyberbullying efforts were even more widespread: 87% of schools implemented targeted initiatives in response to a phenomenon that affected 47% of students as victims in 2024. The close collaboration between public and private actors. combined with increasing attention to educational and community settings, remains a cornerstone of Italy's prevention system, built on strong local networks capable of adapting to regional needs and delivering coordinated, widespread, and increasingly effective health interventions.

Data and trends on at risk behaviours among minors: psychoactive substances, digital use, and gambling

In 2024, psychoactive substance use among underage students continues to reflect a complex and diverse picture involving both illegal and legal substances. Over 300,000 underage students reported using at least one illegal substance during the year, roughly one-fifth of the school population under 18, a figure slightly down from 2023 (23%).

This prevalence is also reflected in administrative reports for personal drug possession (Art. 75, Presidential Decree No. 309/1990): 11% of those reported in 2024 were minors, a rate stable since 2022, which marked the highest levels ever recorded. Cannabis and its derivatives accounted for 98% of substances mentioned in minor-related reports.

From a legal standpoint, minors charged with drug-related offences represented 4.3% of all national reports, 1,202 individuals under 18 years of age, remaining consistent with the previous year.

Legal psychoactive substances remain widely used: over 500,000 minors (33%) reported tobacco use in 2024, with higher prevalence among girls and little change from 2023. Binge drinking is also widespread: nearly 360,000 minors (24%) reported at least one episode of alcohol intoxication during the year, again with higher incidence among girls. The use of prescription drugs without a prescription is also significant: 180,000 minors (12%) used them in 2024, with usage among female students more than twice as high as among males.

Data evidence also other at risk behaviors related to digital use and leisure time. Over 180,000 minors (17%) exhibited problematic internet use, neglecting sleep and relationships. Cyberbullying involved 48% of students as victims and 33% as perpetrators, more common among males. Online "challenges" affected 1.6% of students, and "ghosting" impacted 30% as perpetrators and 27% as victims.

Video gaming presents further concerns: more than 290,000 minors (19%) showed at risk gaming behaviour, often tied to strong emotional reactions when interrupted. This is linked to the Hikikomori phenomenon: over 25,000 under-18 years (1.7%) experienced isolation lasting over six months, with another 2.3% reporting isolation between three and six months, often due to psychological, relational, or family difficulties.

Finally, a sharp rise was also observed for youth gambling. 59% of underage students reported having gambled at least once, and 55% did so in the past year. The most common forms were scratch cards and sports betting. Online gambling affected 11% of minors. At-risk (6%) and problem gamblers (4.7%) remained stable but often had overlapping deviant behaviours, including theft, vandalism, and drug use.

Antidrug operations

Seizures



Marijuana 49% (2023 = 45%)

Hashish 30% Synthetic drugs 0.2%

Cocaine 19% (2023 = 22%)

Other drugs 1%

Opiates/opioids 0.6% (2023 = 0.3%)

The % reported represents the amount of substance seized in relation to the total annual quantities

Source: Ministry of Interior

♦ 154,819 Cannabis plants (-1.1%)

124,147 Doses/Tablets (+225%)

Synthetic drugs **82%** (2023 = 51%)

Other drugs 18%

Carabinieri

Source: Ministry of Interior

State Police

Average % active ingredient (retail)

| 15% (2023 = 14%) | Marijuana | 13% (2023 = 13%) |
|-------------------------|---------------|---------------------------|
| 29% (2023 = 29%) | Hashish | 30% (2023 = 28%) |
| 67% (2023 = 71%) | Cocaine | 69% 6 9% 6 |
| 88% (2023 = 87%) | Crack | 88% (2023 = 92%) |
| 16% (2023 = 19%) | Heroin | 8.8% (2023 = 8,3%) |
| 52% (2023 = 58%) | MDMA (powder) | 67% (2023 = 72%) |

Sources: Ministry of Interior and Ministry of Defence

The symbols $(=, \uparrow, \downarrow)$ refer to the trend compared to the previous year

Average price (1st half of 2024)

| Wholesale (€/kg) | | | Retail (€/gr) |
|-------------------------|--------------|----------|---------------|
| ♦ 2.433 (-28€) | Marijuana | (-0.87€) | 9.33 |
| 2.852 (-110€) | Hashish | (-0.99€) | 10.77 |
| 36.247 (-1.198€) | Cocaine | (-6.65€) | 76.90 💠 |
| 20.299 (-182€) | Brown heroin | (-2.03€) | 39.17 |
| 49.661 (+186€) | White heroin | (-1.67€) | 52.12 |
| ♦ 7.782 (-11€) | Ecstasy | (+2.76€) | 22.61 |
| 8.318 (+508€) | Amphetamine | (-1.47€) | 26.32 |
| 10.958 (+906€) | LSD | (+1.88€) | 25.17 |

The values in brackets indicate the change compared to the previous year Source: Ministry of Interior

NEWS-D activities

NPS reported to EUDA (+13%)

Source: ISS

Ministerial Tables

new substances included

Source: Ministry of Health

Consumption of at least one illegal substance in the past year among the student population

| 1 / | | _ A A | |
|------------------|-----------------|-------|-------|
| 25% 💠 202 | 23: 28% | 2023 | 2024 |
| Cannabinoids | | 22% | 21% 💠 |
| Opiates/opioids | | 1.2% | 1.2% |
| Cocaine | | 2.2% | 1.8% |
| Stimulants | | 2.9% | 2.4% |
| Hallucinogens | | 2.0% | 1.2% |
| NPS | | 6.4% | 5.8% |
| Synthetic cannab | inoids | 4.6% | 3.5% |
| Jnprescribed psy | chotropic drugs | 11% | 12% |
| | | | |

Source: CNR - IFC

Individuals in treatment at SerDs

New patients 12% (2023 = 13%)

Opiates/opioids **59%** (2023 = 60%)

Cocaine/crack 27%

Cannabinoids 13% (2023 = 12%)

Source: Ministry of Health

Individuals in private treatment facilities

Cannabinoids 7.6% (2023 = 7.6%)

Opiates/opioids 26% (2023 = 26%) Alcohol 20%

Source: Ministry of Interior

Detainees with drug-addiction

of which 39% new patients

Cocaine/crack 55%

Cannabinoids 12%

Opiates/opioids 23%

Data are not comparable with the previous year due to changes in number and

Source: Interregional Technical Working Group on Addictions

Alternative measures to detention

9.1% of total alternative measures approved

Source: Ministry of Justice

Visits in Emergency Departments

Admissions (2023 year)

Cannabinoids 6.5%

M 70%

Opiates/opioids 15% Cocaine 30%

Others 1.1% (2022 = 1.2%)

Source: Ministry of Health

(2022 = 25%)

Deaths

Opiates/opioids 35% (2023 = 46%) Cocaine 35%

Other 3% (2023 = 3.1%)

(2023 = 23%)Source: Ministry of Interior

HIV and AIDS in IDUs (2023 year)

Unspecified 27%

51% late AIDS diagnoses for 2022 and 2023

Source: ISS

Illegal activities DPR No.309/1990

36,960 reports for violations of art.75

Cannabinoids 77% (2023 = 76%)

Opiates/opioids 3.2%

Cocaine/crack 18% (2023 = 19%)

Data are not comparable to the previous year as they are subject to continuous

Source: Ministry of Interior

OO crimes for violations of artt. 73 and 74

(67% arrested)

Cocaine/crack 52% 2023 = 48%)

Cannabinoids 37% (2023 = 37%)

Other drugs 4.8%

Source: Ministry of the Interior

Synthetic drugs 1.7%

Heroin 4.3% (2023 = 7%)

34% of total prison population (2023 = 34%)

The comparison with the previous year concerns the percentage of individuals incarcerated for drug-related crimes over the total prison population Source: Ministry of Justice

The symbols (=, \uparrow , \downarrow) refer to the trend compared to the previous year

How to use this interactive document

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In 2024, the police forces in Italy conducted 21,299 antidrug operations of criminal relevance – marking a 3.5% increase compared to the previous year – translating into the seizure of over 58 tons of narcotic substances (35% decrease compared to 2023), 154,819 cannabis plants, and 124,147 tablets/doses of narcotics (three times higher compared to 2023). Among the substances seized, cannabis accounted for the largest part (79%), mostly in the form of marijuana (49%). This was followed by cocaine/crack (19%), heroin and other opioids (0.6%), with synthetic drugs representing 0.2% and other narcotic substances 1%.

Of the quantities seized, 32% were seized in the southern regions (mostly in Puglia and Calabria), 17% in the islands (mostly Sardinia), 20% in the central regions, and 32% in the northern regions. In relation to the resident population, an average of 131 kg of narcotic substances were seized for every 100,000 residents aged 15–74, with Sardinia reaching nearly 640 kilograms per 100,000 inhabitants. Border areas represented key areas for drug seizures, with almost 19,000 kg of narcotics intercepted, equal to 32% of the national total (compared to 26% in 2023). At customs, the main seizures

involved cocaine (over 6,000 kg), marijuana (over 11,000 kg), and hashish (approximately 750 kg). Most of the interceptions took place at seaports (81%), airports (16%), and land and internal borders (3%).

ocaine

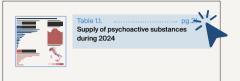
During 2024, the Police Forces conducted 9,502 operations to contrast the cocaine market, equal to 45% of all antidrug operations of the year. This data confirms a growing trend, from 24% in 2014

The to 42% in 2023. Cocaine seizures reached 11 tons, representing 19% of the 58 tons of narcotic substances intercepted overall (22% in 2023). After the peak in 2022, when cocaine made up 34% of all substances seized, the situation returned to the levels of 2019-2020 (-44% compared to 2023).

Border areas played a crucial role in seizures: approximately 6.2 tons of cocaine (56% of the total) were intercepted at the entry points to Italy. Although this percentage is decreasing compared to previous years (when it fluctuated between 70% and 85%), maritime trafficking remains dominant: 95% of the cocaine seized at the border was blocked in ports.

At a territorial level, 39% of the operations were concentrated in the northern regions, especially in Lombardy, leading to the seizure of 2.2 tons of cocaine, equal to 20% of the national total. However, the highest quantities were intercepted in the South and the Islands, where 28% of the operations led to the seizure of almost 6.5 tons (equal to 57% of the 11 tons total), mainly in Calabria, Campania and Sicily. Putting these percentages into relation with the resident

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Chapter 1

Supply and market of narcotic substances

Antidrug operations and seizures of narcotic substances

In 2024, the police forces in Italy conducted **21,299 antidrug operations** of criminal relevance¹ – marking a 3.5% increase compared to the previous year – translating into the seizure of over **58 tons of narcotic substances** (35% decrease compared to 2023), **154,819 cannabis plants**, and **124,147 tablets/doses of narcotics** (three times higher compared to 2023). Among the substances seized, cannabis accounted for the largest part (79%), mostly in the form of marijuana (49%). This was followed by cocaine/crack (19%), heroin and other opioids (0.6%), with synthetic drugs representing 0.2% and other narcotic substances 1%.

Border areas represented key areas for drug seizures, with almost 19,000 kg of narcotics intercepted, equal to 32% of the national total (compared to 26% in 2023). At customs, the main seizures involved cocaine (over 6,000 kg), marijuana (over 11,000 kg), and hashish (approximately 750 kg). Most of the interceptions took place at seaports (81%), airports (16%), and land and internal borders (3%).

Cocaine

During 2024, the Police Forces conducted **9,502** operations to contrast the cocaine market, equal to **45%** of all antidrug operations of the year. This data confirms a growing trend, from 24% in 2014 the to 42% in 2023. Cocaine seizures reached **11 tons**, representing 19% of the 58 tons of narcotic substances intercepted overall (22% in 2023). After the peak in 2022, when cocaine made up 34% of all substances seized, the situation returned to the levels of 2019-2020 (- 44% compared to 2023).

Of the quantities seized, 32% were seized in the southern regions (mostly in Puglia and Calabria), 17% in the islands (mostly Sardinia), 20% in the central regions, and 32% in the northern regions. In relation to the resident population, an average of 131 kg of narcotic substances were seized for every 100,000 residents aged 15–74, with Sardinia reaching nearly 640 kilograms per 100,000 inhabitants.

Border areas played a crucial role in seizures: approximately 6.2 tons of cocaine (56% of the total) were intercepted at the entry points to Italy. Although this percentage is decreasing compared to previous years (when it fluctuated between 70% and 85%), maritime trafficking remains dominant: 95% of the cocaine seized at the border was blocked in ports.

¹Source: Ministry of Interior - AntiDrug Services Directorate (DCSA)

Chapter 2

Heroin

At a territorial level, 39% of the operations were concentrated in the northern regions, especially in Lombardy, leading to the seizure of 2.2 tons of cocaine, equal to 20% of the national total. However, the highest quantities were intercepted in the South and the Islands, where 28% of the operations led to the seizure of almost 6.5 tons (equal to 57% of the 11 tons total), mainly in Calabria, Campania and Sicily. Putting these percentages into relation with the resident population of Italy 15 to 74 years of age, this translates into 25 kg of cocaine seized per every 100,000 inhabitants. However, in some regions the values are significantly higher: in Liguria it reaches 72 kg per 100,000 residents and in Calabria 318 kg.

In 2024, 858 police operations against smuggling concerned

heroin and other opioids, equal to 4% of the overall drug-

seizing operations, showing a decline compared to 2019.

Overall, 348 kilograms of heroin/opiates were seized, an

amount that represents 0.6% of the 58 tons of drugs inter-

cepted nationwide (0.3% in 2023). Of these, 7.1% (25 kg) was

seized along the border of heroin/opiates, confirming the

decline since 2019 and compared to 15% recorded in 2023.

Most of the drugs were stopped at airports, where 23 kg

were intercepted (91% of border seizures), while 2 kg were

seized in maritime border areas.

The regions with the largest seizures were Puglia and Lombardy, which together totalled 176 kg of seized heroin, over 50% of the national total. Considering the resident population, it means on average, less than 1 kg of heroin seized for every 100,000 inhabitants between the ages of 15 and 74. However, in Puglia this value rises to almost 3 kg for every 100,000 residents, making it the area with the highest incidence of seizures of this substance.

Cannabis

In 2024, the **9,943 police operations** to counter the market of cannabis and derivatives (**47% of all antidrug operations** conducted in Italy) led to the seizure of **over 46 tonnes** of cannabis products, a decrease compared to the almost 68 tonnes in 2023, which represents **79%** of the total substances intercepted. Of these, **12 tonnes** were stopped in **border areas** mainly along maritime routes, which remain the main entry point into the country. Of the 46 tonnes of cannabis products seized, 62% were marijuana and 38% hashish.

The antidrug operations aimed at contrasting the marijuana market, in 2024 totalled 2,378 (equal to 11% of the amount nationwide), leading to the seizure of almost 29 tons of marijuana, representing 49% of the total narcotic substances intercepted (45% in 2023). Seizures in border areas mainly concerned sea and air routes, respectively for 46% of the total 11 tons intercepted along borders.

Marijuana-related operations mainly occurred in the southern and island regions, representing 46% of the specific activities conducted nationwide. Seizes accounted for 18.5 tons of marijuana, equal to 60% of the national total, with Puglia and Sardinia among the regions with the highest quantities seized. Considering the quantity seized in relation to the resident population in Italy, this translates into approximately

65 kg of marijuana for every 100,000 inhabitants in the 15 to 74 age group, with the amount exceeding 300 kg for every 100,000 residents in Calabria and in 600 kg Sardinia.

With regard to the contrast to the hashish market, 7,095 police operations were carried out, equal to 32% of the total antidrug operations, leading to the seizure of 17.4 tons of the substance (corresponding to 30% of the over 58 tons of narcotics seized in Italy in 2024). In the border areas, 757 kg of hashish were seized (4.4% of the amount nationwide), with the maritime border continuing to represent the main border access route, with 96% of the overall substance seized. The regions most involved in hashish trafficking are the northern ones, in which 52% of the operations and 42% of the quantities seized were concentrated, especially in Lombardy; followed by the regions of central Italy, where 26% of the operations and 39% of the seizures were recorded, especially in Lazio. The remaining 22% of operations and 19% of seized substances concerned the southern and island regions. Considering the quantities seized in Italy in relation to the inhabitants, this meant an average of 39 kg of hashish for every 100,000 residents between 15 and 74 years of age, a amount that rises to 59 kg in Liguria and 129 kg in Lazio.

As for antidrug operations aimed at combating the cannabis plant market, in 2024 these were 470, equal to 2.2% of 21,299 nationwide. Of these police operations, 34% occurred in the southern and island regions, accounting for 90% of the plants intercepted (132,584 plants), especially in the regions of Sardinia (65%), Calabria (11%) and Apulia (10%). This translates into an average of 349 cannabis plants every 100,000 residents between 15 and 74 years old, which increases up to 1,203 units for every 100,000 inhabitants in Calabria and 8,341 plants in Sardinia, confirming a widespread diffusion of illicit cultivation in these areas.

Synthetic drugs

The **police operations** aimed at combating synthetic drug trafficking, which in 2024 were **379** (almost 2% of the total antidrug actions conducted in Italy in the year), led to the seizure of **101,599 doses** and **89 kg of synthetic substances**. Compared to 2023, there was a significant increase in the number of doses intercepted (which were 38,210), while the quantity in powder decreased (in 2023 it was 139 kg). 86% of the synthetic drugs in doses/tablets were intercepted in Campania and 4% in Lombardy; 59% of the quantities in powder in the regions of Lazio (35%) and Lombardy (24%).

The **border areas** played a crucial role in the seizures, with 30 kg of powdered substances and 87,025 doses intercepted, equal to 33% and 86% respectively of the total quantities in powder and doses seized. Powdered substance were all seized at air route border access points, while all doses were seized at maritime accesses.

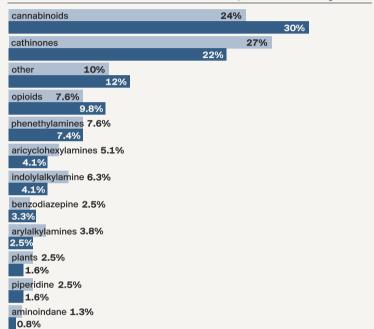
🤇 19

New psychoactive susbtances identified

circulating in Italy identified by NEWS-D

circulating across Europe for the first time identified by EUDA

Classification of substances identified in Italy and across Europe



new substances included in the Ministerial Tables

Classification of new susbtances included 31% synthetic/semi-synthetic cannabinoids nitazene opioids 21% 12% synthetic cathinones phenethylamine derivatives 9% benzodiazepine 6% derivatives amfetaminici 6% triptaminic derivatives 3% phenothiazine derivativesi 3%

35%

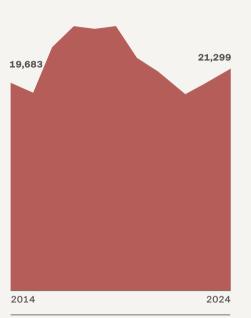
Due to rounding of number the sum of the percentage values could be between 99.1% and 100.9% Sources: National Institute of Health - National Centre for Addictions and Doping; Ministry of Health - former General Directorate for medical devices and pharmaceutical supply -Central office for psychoactive substances

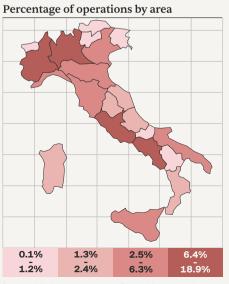
Antidrug operations carried out

+3.5% compared to 2023

Temporal trend

30,000





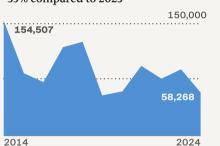
Source: Ministry of Interior - Central Direction for Antidrug Services (DCSA)

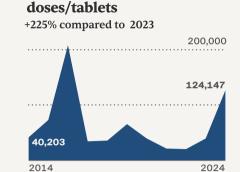
Amounts seized

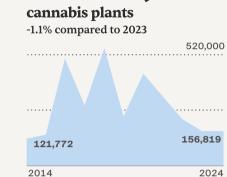
\$58,268 \$124,147 \$154,819

kilograms

-35% compared to 2023







other substances 1%

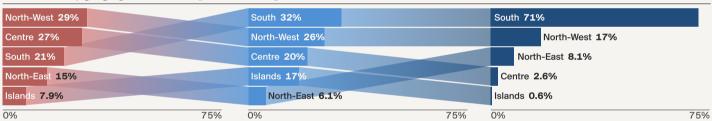
synthetic drugs 0.2%

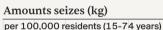
heroin/other opioids 0.6%

Distribution of quantities (kg) seized by substance

49% marijuana 30% hashish 19% cocaine/crack

Distribution by geographical area of operations, kilograms and doses seized





42.3

58.1

58.2

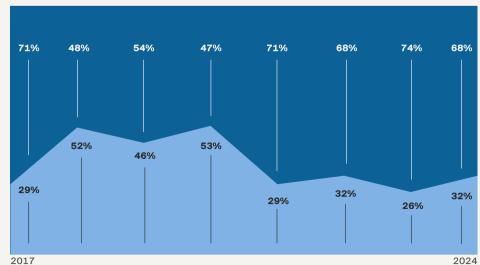
140.7

Italy: 131.4

4.4

42.2

Amounts seized (kg) by border areas or territory



Due to rounding of number the sum of the percentage values could be between 99.1% and 100.9% Source: Ministry of Interior - Central Direction for Antidrug Services (DCSA)

140.8

636.5

In criminal proceedings related to violations of Articles 73 and 74 of Presidential Decree No.309/1990, and in some cases also in administrative proceedings under Article 75, the Judicial Authority generally requests qualitative and quantitative analyses of seized narcotic substances. These analyses aim to identify the active principle and verify if the substance falls within the ministerial tables of narcotic substances.

Analyses carried out by the Scientific investigations police² and those of the Carabinieri³ allow for the calculation of the active ingredient content and its corresponding quantity in grams. These analyses highlight significant variability in the purity of substances seized on the illicit market. This variability is influenced not only by the type of seizures (large consignments versus retail/street seizures) but also by the diversification of supply.

In recent years, the **drug dealing market** has exhibited a **progressive rise in the average tetrahydrocannabinol (THC) concentration** within cannabis resin products. Hashish now typically contains 29-30% THC, with marijuana leaves and inflorescences at 13-14%. This escalation is underscored by an increasing number of seizures yielding hashish with over 30% THC, and in some instances, cannabis extracts surpassing 95%. These potent products may be found in different forms, including light beige powders, amber or brown pasty gels (Shatter or Butane Hash Oil), or vaporizable liquids for e-cigarettes. Moreover, it has also highlighted a

new phenomenon, that is of the spread of hashish with a THC content below 1%, which is adulterated with hexahydrocannabinol (HHC). HHC was recently added to Table I of Presidential Decree No.309/1990, effective July 2023.

Furthermore, laboratory analyses conducted by law enforcement on retail market seizures indicate a pronounced rise in the number of **crack** (cocaine base) samples containing a **high active principle concentration**, approximately 90%. This observation corroborates a distinct **upward trend** for crack purity noted since 2020-2021. Concurrently, while the volume of seized **cocaine samples** has progressively increased, their **active ingredient concentration** has remained consistently within the **67% to 70%** range over the past few years.

Regarding other narcotic substances, active ingredient levels tend to vary considerably, partly due to the different methodologies adopted by law enforcement in considering the case samples analysed.

Heroin: Samples analysed by the Scientific Police show an average purity of around 16%, while those examined by the Carabinieri laboratories register approximately 9%. Both law enforcement agencies have noted a decreasing trend in the active principle concentration of analysed heroin samples over recent years.

MDMA: In powder and dose-form samples, the Scientific Police found an average active principle percentage of 52% and an average of 124 mg per dose. The Carabinieri laboratories, however, recorded slightly different values: around 70% active principle and approximately 37 mg per dose.

Methamphetamine: Both law enforcement agencies agree on an average purity of approximately 60%. In general, for both MDMA and methamphetamine, a certain stability in average active ingredient levels has been observed in recent years.

In the **narcotrafficking market** (defined by seizures exceeding 1 kg or 1,000 units/doses), laboratory analyses conducted by the Carabinieri reveal fairly stable data over recent years.

For hashish and marijuana, the average active ingredient content remains around 30% and 11% respectively. These values are consistent with those found in the retail drug dealing market and show no significant variations in recent years.

Heroin samples have shown an average 7% purity, while cocaine samples the purity level is around 76-80%. Consistent with retail market trends, these values indicate a reduction in average purity for heroin and substantial invariability for cocaine in recent years.

As for analyses performed on seized **ecstasy** samples in dose form, the average concentration is approximately 40 mg of MDMA per dose.

²Source: Ministry of Interior – Anti-Crime Police Directorate - Scientific Police

³ Source: Ministry of Defence - Carabinieri Corps - Scientific Investigation Grouping

Chapter 2

Profile of the drug market and trends in pricing

In 2023, according to estimates produced by Istat⁴, spending on drug consumption in Italy reached 17.2 billion euros⁵: 38% was linked to the consumption of cannabis derivatives and 28% to cocaine.

In September 2024, with the general revision of the national accounts, Istat updated the estimates, introducing new sources and making some methodological adjustments. The estimates produced for 2023 do not differ from those referred to 2022, as spending remained stable. According this estimates, spending in 2021 was 15.5 billion euros, signalling a slight decline compared to the pre-pandemic years. Already in 2022, however, the figure started to rise again, returning to 2019 levels.

The Central Directorate for Antidrug Services (*Direzione Centrale Servizi Antidroga*, DCSA)⁶ provides estimates of the market prices of narcotic substances based on data from 11 sample cities and differentiates their costs based on the sales channel: dealing and trafficking.

In the **drug dealing market**, the average prices per gram in the first half of 2024 stood at approximately 10.77 euros for hashish, 9.33 euros for marijuana, 39.17 euros for brown heroin, 52.12 euros for white heroin and 76.90 euros

for cocaine. As for the average price per single dose, the values recorded were 22.61 euros for ecstasy, 26.32 euros for amphetamines, 34.99 euros for methamphetamines and 25.17 euros for LSD.

Compared to the previous year, in the first half of 2024 there was a **decrease** in the average retail prices for **marijuana**, **hashish**, **heroin** (both white and brown), **cocaine** and **amphetamines**. On the contrary, there was an **increase** in prices for **ecstasy**, **methamphetamines** and **LSD**.

In addition, data are now also for the first half of 2024 with the prices of substances that had previously not been reported: the average price for **crack** was approximately 57 euros per gram, and 25 euros per gram for 6-acetylmorphine (6-MAM) and ketamine.

In the **drug wholesale market**, in the first half of 2024, hashish was sold for around 2,852 euros per kilogram, while marijuana stood at an average price of 2,433 euros per kilogram. White heroin (diacetylmorphine hydrochloride) reached 29,661 euros per kilogram, while brown heroin (diamorphine base) had an average price of 20,299 euros per kilogram; for cocaine, the average price was 36,247 euros per kilogram. Conversely, average prices of synthetic substances for 1,000

doses were as follows: 15,151 euros for methamphetamines, 8,318 euros for amphetamines, 7,782 euros for ecstasy and 10,958 euros for LSD. Furthermore, in the first half of 2024, the average prices recorded in the drug trafficking market for ketamine and gamma-butyrolactone (GBL) stood at approximately 7,000 euros per kilogram and 253 euros per litre, respectively.

The decrease in prices seen last year for marijuana, hashish, and cocaine were confirmed in the first half of the year. In particular, the average price of cocaine, which had been stable since 2018 at around 38,500 euros per kg, fell below 37,000 euros per kg, still confirming its position as the most expensive substance. After the increases recorded in 2023, the average price of LSD continued to rise, that of brown

heroin decreased slightly, while those of white heroin and ecstasy remained almost stable. As for other stimulant substances, after a significant drop last year, prices per 1,000 doses of amphetamines and methamphetamines recorded a significant increase.

⁴Source: ISTAT - Department for Statistical Production - Central Directorate for National Accounts

⁵Preliminary data

⁶ Source: Ministry of Interior - Antidrug Services Directorate (DCSA)

The National Early Warning System (*Sistema Nazionale di Allerta Rapida per le Droghe*, NEWS-D)⁷ aims at identifying phenomena potentially dangerous for public health related to both New Psychoactive Substances (NPS) circulating on the national, European and international territory, and the new ways of consumption and/or presence of adulterants, dangerous additives or other pharmacologically active substances that concern psychotropic substances already included in the Tables of Presidential Decree No.309/1990. Monitoring by NEWS-D has the objective of supporting the activation of rapid response actions through the active and timely involvement of the bodies and structures responsible for the safeguard and promotion of consumer health.

In 2024 there were 437 new entries into the System (input).

Of these reports, 243 were received from the police, 123 from collaborating centres (belonging in particular to Clinical and Scientific Toxicology, Universities, Health Authorities and Poison Control Centres) and 71 were reports from the European Union Drug Agency (EUDA): among these, 34% are highly informative in relation to health and social risk, as in the case of the identification of counterfeit drugs such as nitazene opioids, some of which caused episodes of mass intoxication in Ireland, outbreaks of acute intoxication associated with the consumption of food products containing semi-synthetic cannabinoids and UK deaths associated with the consumption of nitazene opioids.

In 2024 NEWS-D identified 79 NPS circulating in Italy. The substances mainly belong to the classes of synthetic cathinones (27%), synthetic cannabinoids (24%), phenethylamines (8%) and synthetic opioids (8%).

32% of incoming reports from Italy concerned traditional substances of abuse, already included in the Tables of Presidential Decree No.309/1990, such as delta-9-THC, MDMA (ecstasy), heroin, cocaine, amphetamine, methamphetamine, LSD, psilocin, GBL, etc. Noteworthy of attention are the reports of seizures of "pink cocaine", a combination of MDMA and ketamine generally in the form of a pink powder, which may contain also other psychoactive substances such as phenethylamines (generally 2C-B), synthetic cannabinoids (e.g. ADB-BUTINACA), synthetic cathinones (e.g. alpha-PHP) and cutting agents (e.g. caffeine).

Incoming reports from EUDA addressed a total of 47 NPS identified for the first time in Europe, belonging to the classes of synthetic cannabinoids (n=20), synthetic cathinones (n=7), synthetic opioids (n=7), phenethylamines (n=3), benzodiazepines (n=2), aricyclohexylamines (n=1) and other (n=7). Among these, the synthetic cannabinoid Delta-8-THC-O acetate, the synthetic cathinone 3,4-EtPV and the nitazene opioid F-etonitazepine, were identified by Italian law enforcement.

In 2024, of the 68 communications intended for the Collaborating Centres produced by NEWS-D (output), 15 were pieces of information provided by the police forces regarding 59 new psychoactive substances circulating in the national territory, most of which belong to the classes of synthetic cathinones (n=17) and synthetic cannabinoids (n=11).

Furthermore, among the outputs there were 22 Alerts (urgent warnings that imply a coordinated action to activate the appropriate response procedures): 7 first degree, 11 second

degree and 5 third degree. Of the second degree Alerts, 73% (n=8) reported to NEWS-D addressed information on **79 cases of acute intoxication** in Italy related to the consumption of NPS; in 65% of the cases (n=51) the intoxication was related to the consumption of the synthetic cathinone MDPHP, also responsible for one death (n=1) reported to the System.

As part of the actions envisaged in the "National prevention plan against the improper use of Fentanyl and other synthetic opioids", activated in March 2024 by the Department of Drug and Other Addiction Policies of the Presidency of the Council of Ministers, NEWS-D has collected and distributed to the national network 8 documents relating to the identification of fentanyl and other synthetic opioids on the national territory: seizures of pharmaceutical products based on synthetic opioids such as fentanyl, oxycodone, and tilidine removed from legal distribution channels and placed on the drug market (n=4), one case of death from oxycodone from mixed intoxication with methadone and cocaine (n=1), the identification of the nitazenic opioid protonitazene in a seizure on the national territory (n=1) and the identification for the first time in Italy of street heroin adulterated with fentanyl.

The Consolidated Law on narcotic and psychotropic substances (Presidential Decree No.309/1990) establishes that the **Ministry of Health**⁸ periodically update the Tables of narcotic and psychotropic substances, in alignment with the opinion by the National Health Institute (*Istituto Superiore di Sanità* - ISS) and the Higher Health Council (*Consiglio Superiore di Sanità* - CSS) and with international conventions on drugs

and the most recent scientific advancements. In recent years, this activity has taken on an increasingly important role in the fight against the spread of **NPS**. The activity of **updating the Tables** is key in protecting public health from the risks posed by illicit psychoactive substances on national and international markets.

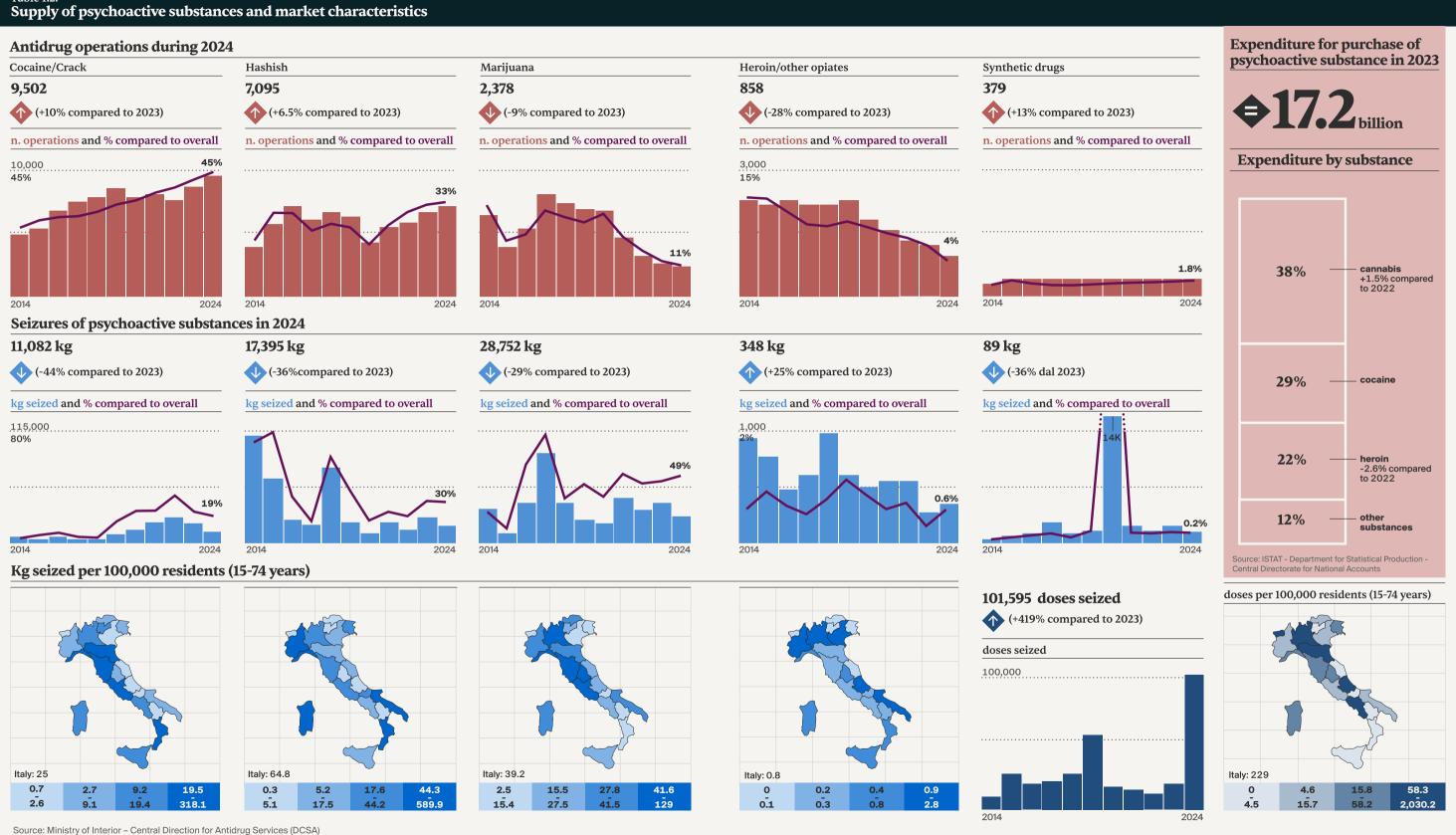
In 2024, the Ministry of Health received a total of 68 reports from the National Early Warning System, relating to numerous substances, some of which are already under control in Italy.

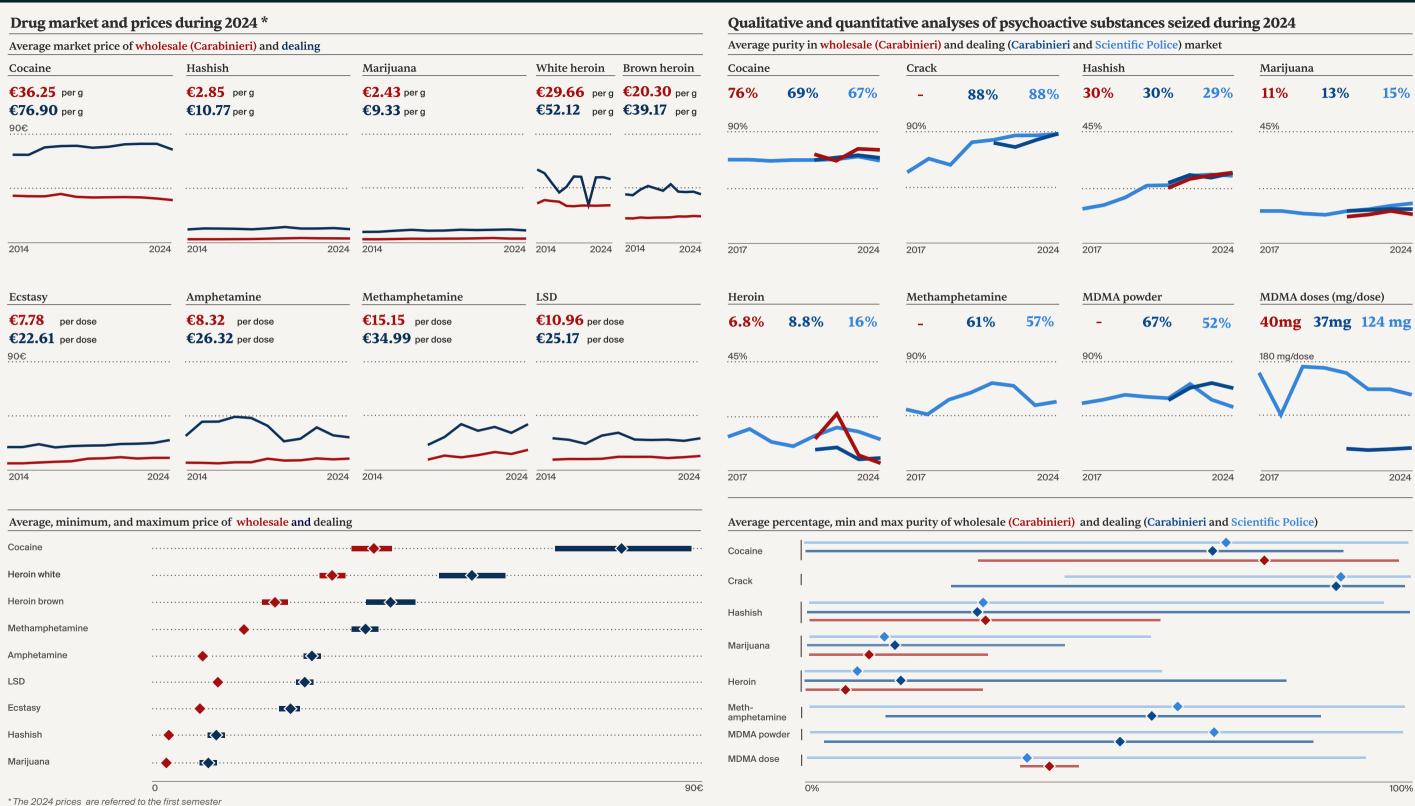
Nine Ministerial Decrees have been issued to update the 33 substances which are still not subject to regulation, mostly belonging to the classes of synthetic/semisynthetic cannabinoids, synthetic cathinones and nitazene opioids.

Furthermore, following the classification of 4-AP, 1-boc-4-AP, ANPP, norfentanyl and NPP as drug precursor as foreseen by the accordance with European regulations (EU 2023/196 and EU 2018/729), the Ministry issued Ministerial Decree of 20 June 2024.

⁷ Source: National Institute of Health – National Centre for Addictions and Doping

⁸ Source: Ministry of Health - former Directorate General for Medical Devices and Pharmaceutical Service - Central Narcotics Office





Source: Ministry of Interior - Central Direction for Antidrug Services (DCSA) Sources: Ministry of Interior - Anticrime Police Directorate - Scientific Police; Ministry of Defence - Carabinieri Corps - Scientific Investigation Grouping

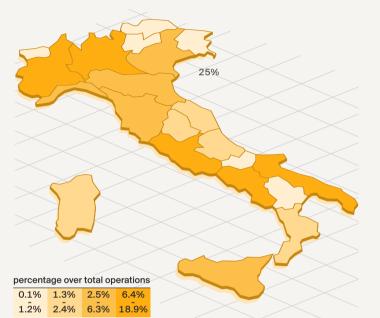
Antidrug operations during 2024

Cannabinoids

Cocaine/Crack

Heroin/other opiates

Percentage over total operations



\$21,299 operations conducted

Percentage over total operations

| azio | 19 % | Sicily | 5.6% | <mark>U</mark> mbria | 1.7% |
|-----------------------|-------------|-------------------|------|-----------------------|------|
| ombardy | 18 % | Tuscany | 4.7% | Friuli Venezia Giulia | 1.2% |
| ampania | 9.3% | Ligu ria | 3.4% | AP Bolzano | 1.1% |
| <mark>iedmon</mark> t | 6.8% | Calabria | 2.4% | AP Trento | 0.9% |
| pulia | 6.3% | Sardinia Sardinia | 2.3% | Basilicata | 0.5% |
| eneto | 6.3% | Marche | 2% | Molise | 0.4% |
| milia Romagna | 5.9% | Abruzzo | 2% | Valle d'Aosta | 0.1% |

Amounts seized during 2024

Kg seized and percentage over total by substance



♦58,268 Kg seized

Kg seized

| Apulia | 10,343 | Sicily | 2,108 | Umbria | 372 |
|----------|---------------------|-----------------------|-------|---------------|-----|
| Lombardy | <mark>8</mark> ,413 | Campania | 2,070 | Abruzzo | 343 |
| Lazio | <mark>8</mark> ,248 | Ligur ia | 2,048 | AP Bolzano | 219 |
| Sardinia | 7,657 | Emilia Romagna | 2,030 | AP Trento | 186 |
| Calabria | 5,552 | Veneto | 768 | Molise | 66 |
| Piedmont | 4,446 | Marche | 493 | Basilicata | 57 |
| Tuscany | 2,474 | Friuli Venezia Giulia | 373 | Valle d'Aosta | 4 |

Consumption patterns and trends

Consumption of illicit psychoactive substances among young people¹

In 2024, nearly 910,000 young people aged 15 to 19 (representing 37% of the student population) reported having used an illegal psychoactive substance at least once in their lifetime; of these, 620,000 students (25%) within the last year. Substance use was more common among males (28%) than females (22%). Both figures are in slight decline compared to the previous two-year period.

660,000 students (27%) reported having used **cannabis** at least once in their lifetime, with **520,000** (21%) doing so in the last year. For 67,000 students (2.7%), cannabis use was frequent (20 or more times in the month). Compared to the previous year, the percentage of frequent users remained stable, while the percentage of students reporting both use of cannabis during lifetime and past-year declined. Cannabis use prevalence increased with age and was higher among male students compared to female peers. Over 60%

of users tried cannabis for the first time between 15 and 17 years of age, while more than 35% tried by the age at 14 (an increase compared to 29% in 2023).

Slightly over 280,000 students (12%) reported having used at least one new psychoactive substance (NPS) in their lifetime, and about 140,000 (5.8%) to having used one in the past year. The most commonly used NPS include synthetic cannabinoids (5.5%), synthetic opioids (2.8%), and ketamine (1.5%). The use of synthetic cannabinoids and ketamine tends to increase with age, reaching higher prevalences among 18-year-olds. Conversely, the use of synthetic opioids shows the opposite trend, with higher prevalences among 15-year-olds. For all other NPS, prevalences remained stable regardless of age. Male consumption remained higher than female consumption, and in 2024, the use of these substances declined. Again, the consumption of substances belonging to the synthetic opioid group shows a counter-trend, with use among females being higher than that of their male peers, and a significant increase that brings prevalence back to the maximum levels observed in 2015.

Over 110,000 young people (4.7%) reported having used a **stimulant** (amphetamines, ecstasy, GHB, MD, and MDMA) in their lifetime, of which almost **59,000** (2.4%) in the last year, and 16,000 students (0.7%) having consumed them at least 10 times in the last 30 days. In the last year, stimulant use primarily involved males, especially those aged 15 and 18.

¹Source: ESPAD®Italia 2024 Survey, National Research Council - Institute of Clinical Physiology

Slightly over half of users (54%) reported trying stimulants for the first time between 15 and 17 years of age, while 45% tried them before age 15. After a peak in 2023, the use of stimulants in 2024 saw a significant decline.

Approximately 86,000 students (3.5%) have used **hallucinogens** in their lifetime. Moreover, **29,000** (**1.2%**) did so in the last year, with nearly 17,000 (0.7%) having consumed them frequently (at least 10 times within the last month). The use of these substances increased with age and mostly involved males; the highest prevalences are observed among 18-year-olds, regardless of gender. About half of users (52%) started between the age of 15 and 17, while over a third tried them by age 14 (in decline compared to previous years). After an increase in 2023, the use of hallucinogens in 2024 saw a significant decline.

Approximately 77,000 students (3.1%) reported having used **cocaine** at least once in their lifetime. Over **45,000** (1.8%) did so within the last year, and 10,000 (0.4%) used the substance frequently (at least 10 times in the last month). Consumption increases with age, with higher prevalence among 18-year-olds, and male consumption is higher than among females across all age groups. More than half of the students who used cocaine (55%) started between 15 and 17, while 40% tried the substance before age 15 (a figure consistent with 2023). After an increase in the post-pandemic period, consumption declined in 2024.

Approximately 55,000 young people (2.2%) have consumed **opiates** at least once in their lifetime, nearly **30,000** (1.2%) in 2024, and 7,000 (0.3%) have used them frequently (10 or more times in the last month). Opiate use was evenly distributed

across age groups, with a peak among 17-year-olds (1.6%). Prevalence was higher among males, especially those aged 15-16, in a 3:1 ratio compared to females. Over half of student users (55%) started between 15 and 17, while 37% tried the substance at 14 or younger, a figure stable compared to 2023. After a two-year period with an increasing trend, opiate use in 2024 remains unchanged.

45,000 students (**1.8%**), with equal distribution between genders, reported having consumed substances without being aware of their nature and possible effects. In most cases (70%), the consumption of unknown substances occurred once or twice in their lifetime. Among those who reported repeated use (at least 10 times), the proportion among males was over threefold higher compared to female peers (M=23%; F=7.3%). Among those who consumed **unknown substances**, 78% stated they were unaware of the effects such substances could have caused. The most common forms of consumption were pills (39%) and liquid (32%).

Approximately 160,000 students (6.5%) reported having consumed more than one illegal psychoactive substance in 2024, and among these, almost 98,000 (3.9%) specified having consumed two. The substances most commonly used by young poly-users were cannabis (91%), NPS (75%)—especially synthetic cannabis (51%)—stimulants (28%), cocaine (26%), and inhalants/solvents (24%). Among poly-users, significantly higher percentages of other "at-risk" behaviours are found, such as episodes of violence (e.g., hitting a teacher or using a weapon), acts of vandalism and problems with Law Enforcement, theft, and damage. Furthermore, markedly higher percentages of frequent alcohol consumption and alcohol excesses (binge drinking and getting drunk) and the consumption of psychotropic drugs without a medical prescription are recorded.

Cannabis was perceived as the most easily available substance, with over 36% of students stating they would easily know where to find it. Conversely, **access** to other drugs was considered more difficult: by 11% for cocaine (11%), by 7.7% for hallucinogens and stimulants (7.7%), and by 5.3% for opiates. Conversely, among users access increased significantly, as 40% knew where easily to obtain substances on the street and about 20% through the Internet.

Substance use behaviours were less frequent among young people who reported a **trust-based and supporting relationship with their parents**, good family communication, and a positive self-perception and perception of their relationships. Such elements appear protective against starting consumption and any other risky behaviours. It is evident that parental care, understood as active monitoring, emotional accompaniment, and attentive presence, rather than mere control or the introduction of rules, represents a significant protective factor against the consumption of psychoactive substances and even more so against poly-use.

As to the **perceived level of risk**, slightly more than half of the students consider high risk associated to the use of psychoactive substances. Between 52% and 60% associate high to the use of opiates, cocaine/crack, NPS, hallucinogens, stimulants, and habitual cannabis. About 29% associate risk to occasional cannabis use. Conversely, those who use substances tended to perceive a significantly lower risk.

Consumption of psychoactive substances during 2024

once in the

Students who have consumed at least one illicit substance Substances used by students during lifetime overall, M and F 37% at least once in lifetime 25% at least once in the last year inhalants and solvents 6.7% 6.7% synthetic cannabinoids 5.5% 6.4% 15% at least once in the last month stimulants 4.7% 3.8% hallucinogens 3.5% 4.1% frequent use * cocaine 3.1%

frequent use *

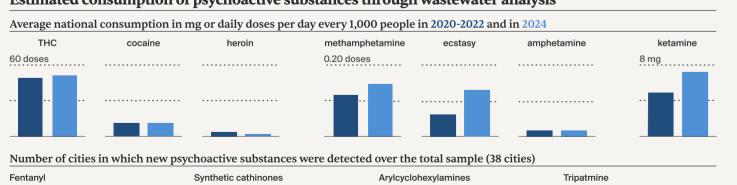
"Frequent use" refers to repeated use (20 times or more) of cannabis and/or other illegal substances (10 times or more) in the last month Due to rounding of number the sum of the percentage values could be between 99.1% and 100.9% Source: ESPAD®Italia 2024 Survey, National Research Council - Institute of Clinical Physiology

Estimated consumption of psychoactive substances through wastewater analysis

once in the

CMC 5

N-ethylpentyl 1

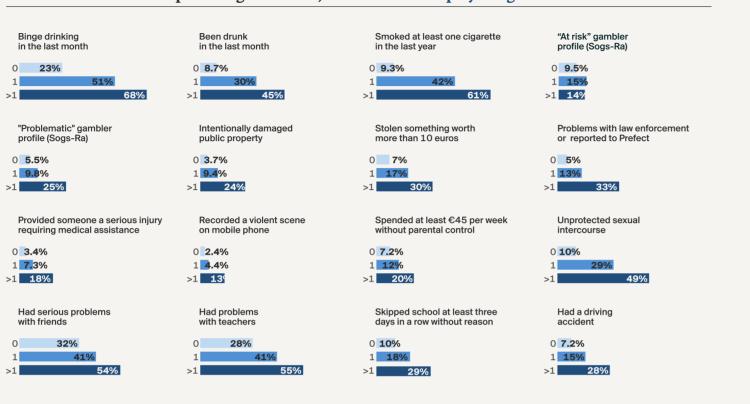


opiates 2.2%

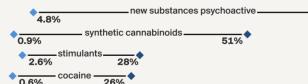
anabolic steroids 2.1%

2.6%

"At risk" behaviours and percentage of no-use, exclusive use and poly-drug use

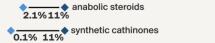


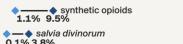
Substances use among users: esclusive use and polyuse Polyuse in the last year cannabis • 80% 91% 6.5% students poly-users in 2024





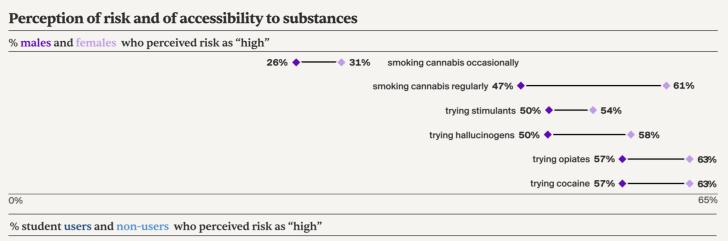


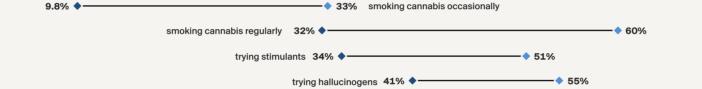






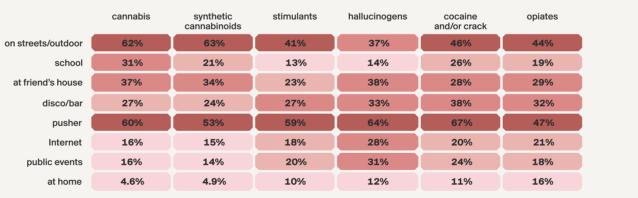
* "Frequent use" refers to repeated use (20 times or more) of cannabis and/or other illegal substances (10 times or more) in the last month Source: Mario Negri Research Institute, IRCCS Source: ESPAD®Italia 2024 Survey, National Research Council - Institute of Clinical Physiology



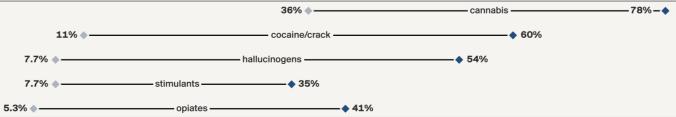








% students, overall and users, who perceived obtaining substances as "easv"

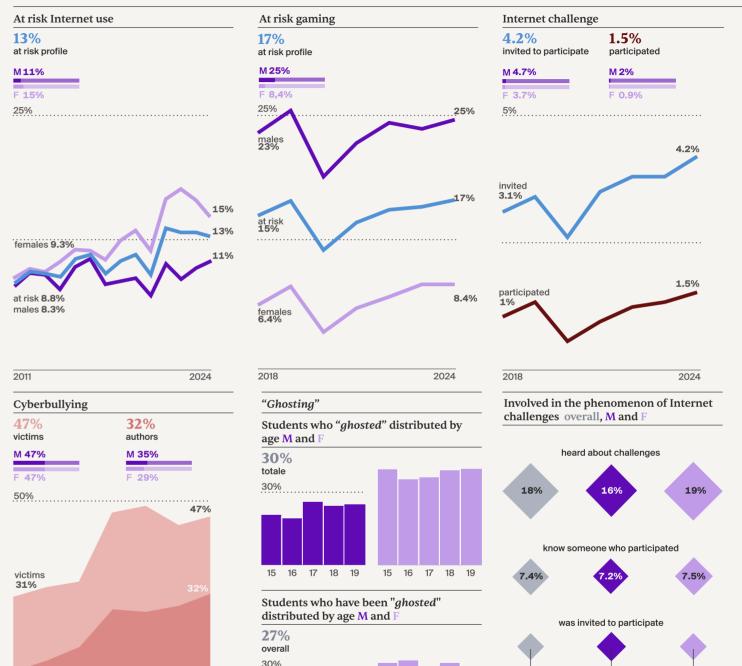


Source: ESPAD®Italia 2024 Survey, National Research Council - Institute of Clinical Physiology

no-use

exclusive use polyuse

New addictions and at risk behaviours



Source: ESPAD®Italia 2024 Survey, National Research Council - Institute of Clinical Physiology



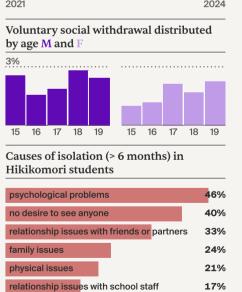


Gambling

gamblers in the last year

problematic profile

57%



poor school performance

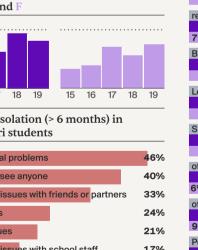
no desire to go to school

changed class or school

moved to another city

other reasons

involved in internet challenges



8.8%

7.6%

4.7%

Source: ESPAD®Italia 2024 Survey, National Research Council - Institute of Clinical Physiology

10 e Lotto/Win for Life/Eurojackpot 11%

remote games 8%

Consumption of psychoactive substances through the analyses of urban waste-waters²

Measurement of major psychoactive substances

In 2024, the estimate on the use of psychoactive substance consumption across the country was carried out across 38 cities, through the analysis of drug metabolite residues in urban wastewater flowing through treatment plants. Compared to estimates from 2020-2022, the national average consumption remained constant for cannabis (around 52 doses/day/1,000 people), and amphetamine (0.02 doses) which remained constant but showed very low consumption limited to a few cities. Slight increases were found for cocaine (around 11 doses) and methamphetamine (around 0.15 doses). Conversely, decrease was found for average heroin consumption (from 2.8 to 1.2 doses) and increase for average ecstasy consumption (from 0.06 to 0.15 doses).

Cannabis remains the most widespread substance, with doses varying from 14-15 doses per person in Vibo Valentia and Trapani to 95-100 doses per person in cities like Bologna, Rome, and Olbia. A comparative analysis with data from previous years (2020-2022) indicates increased consumption in several cities, including L'Aquila, Lucca, Milan, Rome, Belluno, Terni, and Verona. Conversely, decreased consumption exclusively in Turin and Trieste.

Cocaine was confirmed as the second most widespread substance in Italy, with consumption ranging from 2-3 doses (Vibo Valentia, Biella) to 23-25 doses (Olbia, Rimini, Montichiari, Venice). Compared to 2020-2022, consumption

increased in cities like L'Aquila, Potenza, Latina, Terni, and Verona, and has more than doubled in Aosta and Belluno. Conversely, decreases were recorded for Bari and Perugia, with stable trends in the rest of the cities.

Heroin consumption markedly decreased in most monitored cities, while it slightly increased in Terni and Verona. As observed in previous studies, cities in Central Italy continued to show the highest consumption levels, especially in Perugia (3.5 doses) and Terni (7.5 doses). Nonetheless, the current analysis highlights a significant reduction in prevalence in several cities within the same area, including Perugia, Campobasso, Ancona, Florence, L'Aquila, Rome, and Pescara.

In general, the consumption of methamphetamine, ecstasy, and amphetamine was much lower compared to other substances. **Amphetamines** were detected only in traces in Bologna, Gorizia, Merano, and Parma. The highest levels of **methamphetamine** were recorded in Bologna (1.1 doses), Milan (0.7), Rome (0.7), and Venice (0.4), with increases in Ancona, Bologna, Cagliari, Venice, Terni, and Trani, and a reduction in Latina and Merano. **Ecstasy** consumption was similar to methamphetamine but increasing in almost all cities, with the highest values detected in Bologna and Milan (0.6 doses) and Trieste (0.4 doses), and significant increases in Aosta, Rome, Lucca, Pescara, Terni, and Verona.

Measurement of new psychoactive substances (NPS)³

In 2024 waste-waters were monitored for the consumption of ketamine and its main metabolites (norketamine and dehydro-norketamine). The national average consumption increased from 4.9 mg per 1,000 people/day in 2020-2022 to 7.3 mg, with increases of up to 3-4 times in Trieste, Bologna, and Milan.

Overall, 60 substances belonging to seven classes were monitored, including synthetic opioids, tryptamines, and synthetic cathinones. Although NPS were detected in all monitored cities, consumption levels were generally low, comparable to the minimum levels of methamphetamine and ecstasy. The most common synthetic cathinones were methcathinone and 3-MMC. Methcathinone peaked at 0.89 mg in Rimini, while 3-MMC reached 4.75 mg in Bologna, where its consumption increased from 2.2 to 4.8 mg. Significant increases were also observed in Trieste (from 1.4 to 2.2 mg) and Milan (from 0.3 to 1 mg). CMC, detected in only 5 cities, was primarily found in regional capitals and tourist locations like Olbia, with a maximum of 0.7 mg. Consumption was higher on weekends in Bologna and Milan. N-ethylpentylone was found only in Rimini in trace amounts (0.24 mg).

Among arylcyclohexylamines, 2-FDCK was recorded only in Milan (0.11 mg). For tryptamines, N,N-DMT was detected in 31 cities and 5-MeO-DMT in 9 cities, with maximum values of 0.4 mg (Rimini) and 0.5 mg (Terni), respectively.

Consumption levels were lower compared to the 2020-2022 period, when they reached 5.8 mg for 5-MeO-DMT and 3.9 mg for N,N-DMT. No traces of phenethylamines, synthetic cannabinoids, or synthetic benzodiazepines were detected.

² Source: Mario Negri Research Institute, IRCCS

³The NSP list defined as priorities at European level inserted in the study were: ketamine, synthetic opioids, including fentanyl, cathinones, phenethylamines and tryptamines

Consumption of legal psychoactive substances among youth⁴

Consumption of legal psychoactive substances like tobacco. alcohol, and unprescribed psychotropic drugs among young people is central to understanding the phenomenon. In 2024, nearly 1.2 million students (48% of the student population) reported having smoked a cigarette at least once in their lifetime, and 970,000 (39%) to have done so within the last year. Both these consumption figures show higher percentages among female students. Furthermore, 510,000 students (21%) smoked at least one cigarette daily in the last year, with prevalence increasing with age. No difference was found between genders until age 18, after which there was a marked prevalence among male consumers. Among students who smoked cigarettes every day, over half (58%) started between the age 15 and 17, and 38% started by age 14, highlighting the younger age of consumers. Overall, after a decrease recorded in 2022, traditional cigarette consumption has stabilised.

Electronic cigarettes have been tried at least once in their lifetime by 1,250,000 young people (50%), of whom 990,000 (40%) have used them in 2024. In both cases, use is more prevalent among females. First vaping experience (inhaled vapour from an e-cigarette) was between the ages of 15 and 17 for 52% of students, while it was before age 15 for 47% -highlighting a lowering of the average age for first vaping experience. E-cigarette use was steadily rising and in 2024 reached some of the highest prevalence levels ever recorded. As for other nicotine delivery devices, 620,000 students (25%) reported having used heated tobacco products at least once, and over 500,000 (21%) did so in the past year. After a decline in 2023, the use of heated tobacco products is rising again, nearing the peak levels reached in 2022. Other alternative nicotine products—such as water pipes, snuff tobacco, and nicotine pouches (recently introduced to the market)—are far less common. However, considering the combined use of all nicotine products, 58% of students reported having used at least one nicotine-based product in the past year.

Alcohol use is widespread among young people. Two million students (83%) reported having consumed alcoholic beverages at least once in their life, and nearly 1.9 million (76%) did so in the past year, with no significant gender differences. Over 110,000 students (4.5%), mostly male, reported drinking alcohol at least 20 times in the past 30 days. As to excessive alcohol consumption, data from 2024 on episodes of drunkenness were consistent with those from the previous year. Nearly 970,000 students (39%) reported having been drunk at least once in their lifetime, and 740,000 (30%) to have been drunk in the past year. 33,000 (1.3%) reported getting drunk at least 10 times in the past 30 days. Except for frequent consumers, percentages were higher among females. Of the overall school population 62% report to have been drunk for the first time between the ages of 15 and 17, and 36% to have been drunk before the age of 15 (a percentage which is increasing compared to previous years).

Binge drinking (defined as consuming five or more alcoholic drinks in a short period of time) in the past 30 days was reported by nearly **760,000** students (**31%**), with slightly higher rates among males than females. Prevalence increased with age, reaching the highest levels among 18-year-olds. Data on this behaviour are in line with those since 2021.

The use of **over-the-counter psychoactive medications** among students is a growing issue. Nearly 510,000 students (21%) reported having used at least one type of such drug at some point in their lifetime, while **290,000** (**12%**) did so in the past year. For about 54,000 students (2.2%), usage was frequent, at least 10 times in a month. Since 2021, the use of these drugs has been steadily increasing, reaching the highest levels ever in 2024.

Among the medications used, the most common were: sleep medication and relaxants (8.4%), mood stabilisers (2.4%), attention and/or hyperactivity medications (2.1%), and weight control drugs (1.5%). Overall, the consumption of these medications is twofold higher among female students than male students, and threefold higher when considering weight control medications alone.

The behaviour considered most dangerous by teenagers in reference to use of legal substances is "smoking 10 or more cigarettes a day", which is considered as "high-risk" by 67% of students. Next in level of risk are occasional use of overthe-counter psychoactive medications and weekly binge drinking (both at 54%); daily alcohol consumption (40%) and getting drunk once a week (38%). Their awareness of potential health harms for less frequent use dropped significantly: only 20% of students considered occasional cigarette smoking a high-risk behaviour, while only 13% perceived drinking

1-2 alcoholic beverages several times a week as risky. In general, the risk perception was generally lower among regular users of these substances, except for regular alcohol drinkers who did recognize the higher risk of daily alcohol consumption, as compared to the overall student population.

⁴Source: SPAD®Italia 2024 Survey, National Research Council - Institute of Clinical Physiology

Source: ESPAD®Italia 2024 Survey, National Research Council - Institute of Clinical Physiology

Prevalence of legal and illegal psychoactive substance use among student population (15-19 years) during 2024



Age at first alcohol intoxication

Alcohol - binge drinking

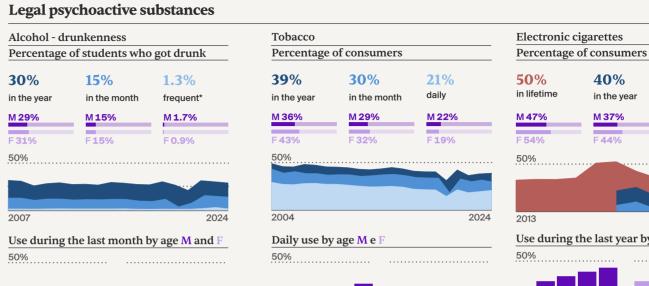
31%

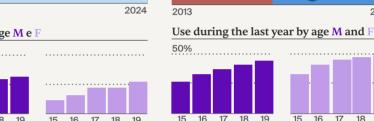
in the month

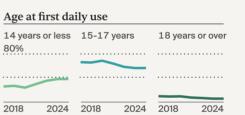
Percentage of binge drinkers

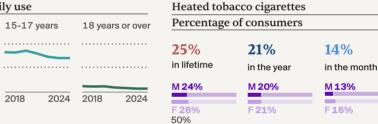
Use during the last month by age M and I

14 years or less 15-17 years 18 years or over

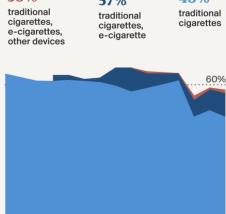


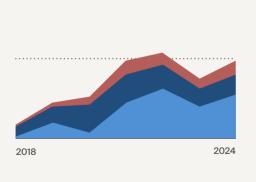


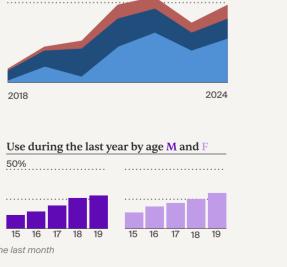








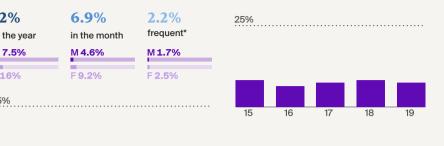




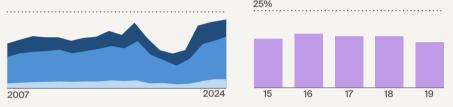
Legal psychoactive substances

Percentage of consumers

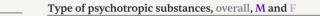
Psychotropic substances without medical prescription

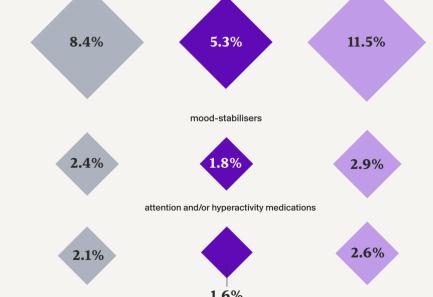


Use during the last year, by age M and F



sleeping medications





weight control medications



New Products for New Consumers: Young People from Shifting from Exclusive Use to Poly-Use of Tobacco and Nicotine⁵

The National Centre for Dependencies Nearly all student e-cigarette users use flaand Doping of the Italian National voured ones (97%), mostly fruit-flavoured. Institute of Health, funded by the as well as "sweet and creamy," "fresh and Ministry of Health (CCM Fund), con-mint," and "drink and beverage" flavours. ducted a survey in 2024 on tobacco and It's important to remember that nicotine, nicotine consumption in a representative sample of students aged 14-17. 30% sent in all tobacco products and in most of the sample, that is approximately 700.000 Italian students, reported consuming at least one product among traditional cigarettes, heated tobacco products (HTP), and e-cigarettes in the 30 days prior to the survey. Consumption was higher among females (F 35% vs. M 26%). No substantial differences are observed in the prevalence of consumption across the various products: although traditional cigarettes remain the most used (20%), the consumption percentages for HTP (19%) and e-cigarettes (18%) are now only slightly lower. The higher consumption among females compared to males is confirmed across all three product types, with HTP showing the largest difference between males and females (M 14% vs. F 24%).

Since the introduction of new devices 19%). On the other hand, more than one for consuming tobacco and/or nico- in three students said their parents were tine (e-cigs and HTPs) alongside traditional cigarettes, their use has become increasingly popular, especially among youth: currently, up to 62% of teenage (14 to 17-year-old) users use two or more products simultaneously -poly-users- traditional cigarette use, while 15% tolerate (compared to 39% in 2022) and 27% of HTP use and 16% tolerate e-cig use, likely them use three products at the same time (vs 17% in 2022).

which is responsible for addiction, is preelectronic cigarettes. It should also be emphasized that flavours make these products especially appealing, particularly to youth, as they mask the unpleasant taste of nicotine. However, inhaling these flavours is not without risk for the user. Furthermore, 7% of e-cigarette users reported having added cannabidiol to the liquids.

were asked how they first obtained them. Although half or nearly half of the students said they had borrowed them (HTP 50%; e-cig 45%), a significant percentage stated that they personally purchased them (HTP 21%; e-cig 36%) despite the fact that sales of these products are prohibited to minors. There are also those who reported receiving them as gifts from parents, relatives, and especially friends (HTP 29%; e-cig aware of their use of these products, with no major differences observed among the three product types. What does vary is the attitude of the parents themselves toward their teen's use: 10% of parents tolerate because these products are mistakenly believed to be less harmful to health.

Nonetheless, despite the sale of products containing tobacco and/or nicotine being prohibited to minors, 43% of students reported the retailer did not refuse to sell them traditional cigarettes due to age limits. This percentage increases in the case of heated tobacco products (56%) and electronic cigarettes (63%).

Compared to the group of "non-consu-

mers", the group of "students who consumed tobacco and/or nicotine (past 30 days)" features the following characteristics⁶: higher representation of females (consumers 52% vs. non-consumers 42%), higher representation of 16-year-olds (31%) Students who use these new products vs. 24%) and 17-year-olds (29% vs. 22%). greater alcohol consumption in the last month (77% vs. 41%) and more episodes of drunkenness in the last month (36% vs. 8%). Also, worse academic performance compared to their peers (15% vs. 7%), greater difficulty talking to their parents about things that truly worry them (52% vs. 41%).

> Conversely, the group of "non-consumers of tobacco and nicotine (past 30 days)" features the following characteristics: higher representation of males (non-consumers 54% vs. consumers 44%), higher representation of 14-year-olds (27% vs. 18%). greater presence of non-gamblers (78% vs. 69%), greater presence of non-gaming players (28% vs. 39%) or, at least, non-atrisk players (62% vs. 52%). Also, good academic performance (90% vs. 81%), greater ease in talking to their parents about things that truly worry them (59% vs. 47%).

New addictions and at risk behaviours among youth⁷

In the overall analysis of at-risk behaviours among young people, particular attention is given to the use of new digital technologies, video games, gambling, and the phenomenon of social withdrawal. As to Internet use, in 2024, over 320,000 students (13%) showed at-risk web usage, neglecting friends, losing sleep to stay connected, and exhibiting irritability when they couldn't access it. The percentage of students at risk remains stable compared to the increase in this phenomenon during the post-pandemic period.

Similarly, the trend for cyberbullying appears stable after a post-pandemic increase. In 2024, 1.16 million teenagers (47% of the student population), reported being victims of cyberbullying, meaning they experienced offenses, insults, threats, or the sharing of personal photos, with no significant gender differences. Male students, however, reported more frequently being perpetrators of violent online behaviours, with an overall involvement of nearly 790,000 students (32%).

The phenomenon of "challenges," online dares often undertaken by young people to be accepted into a group or community, is slightly increasing. In 2024, 4.2% of students (100,000 teenagers) received invitations to participate in a challenge. and 1.5%, or over 30,000 students, actually took part in these challenges.

In 2024 over 740,000 students (30%) carried out ghosting, (i.e., the sudden cessation of all contacts with a person without explanation), while nearly 680,000 students (27%) were victims of ghosting. Both figures show a slight increase compared to the previous year.

In the world of video games, when gaming exceeds the limits of a pastime, it can develop into at-risk behaviour and negatively affect a young person's psychological well-being, social relationships, and academic performance. In 2024, over 410,000 students (17%), mainly male, exhibited an "at-risk" gaming profile, spending many hours playing and showing sign of aggressiveness when withheld from playing. These values are similar to those recorded in the pre-pandemic period, with a stable trend.

In close connection with these behaviours, the phenomenon of voluntary social withdrawal, noteworthy is the phenomenon known as Hikikomori. In 2024, over 48,000 students (2%) reported self-isolating for more than six months, without attending school or meeting friends and acquaintances. Another 2.3% of students reported a period of isolation between 3 and 6 months, which can be defined as "pre-Hikikomori." The main causes of social withdrawal among Hikikomori youth are psychological problems (46%), a lack of desire to see anyone (40%), relationship difficulties with friends or partners (33%), family problems (24%), and physical problems (21%).

As to gambling involving youth, this activity has seen an upward trend in recent years, with peak rates in 2024. In 2024, 1.53 million teenagers (62% of student population) reported to have gambled at least once in their lifetime, while over **1.42 million** young people (**57%**) did so in the last year. Among the most common games are Scratch-card lotteries (76%), football betting (37%), poker, roulette, and dice (28%), and entertainment machines like slot machines and video lotteries (26%). Compared to their female peers, males are involved in higher percentages, with the exception of Scratch-cards. Online gambling is also constantly increasing: in 2024, **320,000** teenagers (13%) reported gambling on the Internet. Data related to "at-risk" (6.3%) and "problematic" (4.7%) gambling profiles remain stable compared to 2023. Students belonging to these categories show a greater inclination towards at-risk behaviours, including theft, vandalism, conflicts with law enforcement, and consumption of legal and illegal substances, compared to peers who do not gamble.

⁵Source: National Institute of Health – National Centre for Addictions and Doping

⁶ Only statistically significant associations are reported

⁷Source: ESPAD®Italia 2024 Survey, National Research Council - Institute of Clinical Physiology

Territorial supply and treatment demand

System of Addiction Services

In Italy, care for individuals with pathological addictions is guaranteed nationwide as it falls under the Essential Levels of Care (LEA) provided by the National Health Service. It is delivered through an integrated system that includes Local Health Authorities with their territorial addiction services (SerDs), authorised and accredited private facilities, local authorities, and organisations from the Third Sector and volunteer sectors. Addiction services provide care for individuals with disorders related to the use of psychoactive substances, as well as those with psychiatric comorbidities and other risky, addiction-related behaviours such as gambling, compulsive internet use, gaming, compulsive shopping, sexual addiction, and eating disorders. The care system is structured into four main levels: first-level services, outpatient services, semi-residential and residential facilities, and specialist services.

and central regions, where the average reached about 0.6 services per 100,000 residents, while it dropped significantly to 0.1 and 0.2 in the southern regions and the islands.

First-level services, which include mobile units, first-contact centres, and drop-in centres, are characterised by a high level of accessibility and are mainly aimed at drug-dependent individuals who are difficult to reach through traditional channels. These services provide initial support through specialised emergency care, counselling, socio-educational activities, and pathways for initiating drug detoxification and guiding individuals toward more structured care programs.

In 2024, there were a total of **198** active **first-level services** in Italy, consisting of 123 mobile units (78% managed by Third Sector providers), 49 drop-in services, and 26 emergency reception services (74% and 77%, respectively, managed by Third Sector organitations)¹.

At the national level, the availability of these services stood at 0.4 facilities per 100,000 inhabitants aged 15–74. Their presence was particularly concentrated in the northern

The range of interventions provided by first-level services in 2024 varied significantly across regions. Case management was available in over 75% of services in Piedmont (excluding drop-in centres and mobile units), Lombardy, Liguria (only mobile units), Emilia-Romagna, and Abruzzo. Psychosocial counselling was provided by over 75% of services in Piedmont (excluding drop-ins), Lombardy, Liguria (only mobile units), Emilia-Romagna, Tuscany, Umbria (excluding low-threshold services), Lazio, Abruzzo, and the province of Bolzano.

Screening for psychiatric disorders was offered by more than 75% of first-level services in Lombardy (excluding mobile units) and in Abruzzo (limited to low-threshold services), while treatment for individuals with dual diagnosis is available in over 75% of services in Friuli Venezia Giulia (except for mobile units) and the province of Bolzano.

¹ Source: Interregional Technical Group on Addictions – Health Commission of the Conference of Regions and Autonomous Provinces; Public Departments and Services for Addictions of the Health Authorities of the Regions and Autonomous Provinces

Support for placement in therapeutic communities is provided by over 50% of the services in Lombardy, Emilia-Romagna (excluding mobile units), and Abruzzo (only in low-threshold services). Finally, substitute pharmacological treatment is offered by more than 75% of low-threshold services in Piedmont, Lombardy, Abruzzo, and Sardinia, as well as by the drop-in centres in Abruzzo.

Outpatient addiction services implement therapeutic-re-habilitation programs and pharmacological treatments for users, along with specific support for family members, providing specialist medical and psychological counselling and care. These services are either public (like SerD), part of the Regional/Provincial Health System, or private, in the form of Integrated Multidisciplinary Services (SMI). In some areas, they are also structurally established inside correctional facilities, operated by specialised multi-professional teams affiliated with local SerDs.

According to data for 2024 provided by the National Addiction Information System (Sistema Informativo Nazionale sulle Dipendenze, SIND)², there are a total of 571 SerDs active in Italy, distributed across 621 operational locations (with 96% of the registered sites covered by reporting). Based on the "Annual Public Administration Staff Report" from the Annual Budget, in 2023 (the most recent year for which data is available), 6,005 professionals worked in public addiction services treating illegal substance addiction (compared to 6,082 the previous year). A key strength of SerDs is their multidisciplinary teams, which are essential for managing the complex and constantly evolving needs of care and support. The overall national staff is composed of 55% physicians and registered nurses, 15% psychologists, 13% social workers, and approximately 12% professional educators. The remaining 6% consists of administrative staff and other professional figures. In terms of employment contracts, 93% are hired staff, and 7% work under other types of contracts. Additionally, 86% of professionals are employed full-time, while 14% work part-time or under flexible arrangements.

There are significant regional differences in staffing levels across SerDs, based on the ratio of personnel to individual treated or to the general population. While the national average is 24 users per staff member, this ranges from just 16 in the province of Bolzano to over 30 in regions such as Umbria, Marche, Lazio, and Abruzzo.

Across Italy, there are 1,134 outpatient addiction services (including those for alcohol use disorders and gambling), equivalent to 2.6 services per 100,000 residents aged 15–74. Most are public outpatient clinics (593 units), with an additional 19 Integrated Multidisciplinary Services (SMIs), 13 of which are in Lombardy.

Support for person living in prison (PLIP) with substance use disorders is guaranteed in all regions and autonomous provinces, provided through 36 services located within prisons—found in regions such as Lombardy, Liguria, Veneto, Emilia-Romagna, Tuscany, Lazio, Abruzzo, Campania, Puglia, Sicily, and Sardinia—and through 146 specialized multidisciplinary teams, all affiliated with public SerDs.

The distribution of services specifically for alcohol use disorders and gambling is less widespread, although both types are present in nearly all regions except Abruzzo. Such services add up to 486 services (207) for alcohol use, 279 for gambling), 62% of which are located in northern Italy, especially in northeastern regions. Outpatient services of all Italian regions provide case management, psychosocial counselling, and, when needed, referral to therapeutic communities. Additionally, more than half of local services offer screening for psychiatric disorders and treatment for patients with dual diagnoses, while pharmacological substitution treatment is guaranteed by all services without exception. These interventions described above are offered by 75% of the service providers operating within correctional facilities across the regions of Lombardy, Liguria, Emilia-Romagna, Tuscany, Umbria, Abruzzo, Molise, Puglia, and Basilicata.

The third level of service is represented by addiction services, comprising residential and/or semi-residential and day treatment facilities. It offers a range of care programs and support tailored to specific user needs, and is closely integrated with outpatient services provided at the local level. As of 2024, there were 951 operational treatment facilities, with a strong concentration in northern regions, which account for 61% of the total. Based on the resident population aged 15 to 74, this corresponds to 2.1 facilities per 100,000 inhabitants. However, distribution is uneven as northern and central regions reach about 3 facilities per 100,000 residents stands at around 1 per 100,000 residents in the South and Islands.

Residential therapeutic facilities (educational and therapeutic-rehabilitative) make up nearly 49% of the system, with 461 units. The remaining facilities include 37% specialised centres (356 units), 12% semi-residential and day treatment centres (118 units), and less than 2% residential hospital detox units (16 units). A particularly relevant aspect is the role played by Third Sector, which manage 896 of the 951 active facilities, covering 94% of the residential and semi-residential/day care services offered. As to the supply of treatment services, most residential facilities at the regional level (over 75%) offer case management, counselling, and psychosocial interventions, as well as psychiatric disorder screenings, placements in therapeutic communities, and substitution pharmacological treatments. However, interventions specifically designed for individuals with dual diagnoses are less common.

Focusing on the 356 specialized facilities active in Italy, which represent the fourth level of the service system, these are divided into four main types: 13 facilities (about 4%) are dedicated to supporting minors with drug-related issues, 31 (almost 9%) serve parents with substance addictions along with their children, 132 (37%) care for patients with psychiatric comorbidities, and finally, 180 (about 51%) provide other types of specialized assistance, such as housing support or long-term rehabilitation programs. Almost all specialised facilities (94%) are managed by Third Sector organisations and are predominantly residential. The facilities are present throughout the country, although mainly concentrated in the northern regions (68%), particularly in the northwest area (52%), and are absent only in the region of Calabria.

Overall, the 951 residential and semi-residential treatment facilities operating nationwide have a **total admission capacity of 13,862 slots**, with an average of about **14.6 slots per facility**. Specifically, residential facilities (No. 477, including hospital detox units but not specialist ones) have an average of 18 beds each, while semi-residential facilities (No. 118) offer an average of 14 beds. Specialist residential facilities (No. 333) have a slightly lower capacity, with 10 beds available per facility, while specialist semi-residential facilities (No. 23) offer an average of 8.7 slots per facility.

Analysing the number of slots available in residential facilities relative to the resident population aged 15-74, the national rate is 27 beds per 100,000 inhabitants, a figure

² Source: SIND Working Group: Ministry of Health – Directorate General for Digitalization, Health Information System and Statistics; Interregional Technical Group on Addictions – Health Commission of the Conference of Regions and Autonomous Provinces

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that progressively decreases from north to south and the islands: in the north-western and north-eastern areas the rate is 35 and 31 respectively, falling to 29 in the central regions, and dropping further to 18 and 19 in southern regions and the islands.

The distribution of slots available changes for semiresidential facilities: at the national level, the average number of beds is 4.1 per 100,000 inhabitants aged 15-74, with the highest rate found in the central regions at 6.6. In particular, the regions of Umbria, Marche, Lazio, and Basilicata offer availability of over 7 beds per 100,000 residents.

Noteworthy is the disparity at regional level in slots availability to meet the potential overall national demand considering the number of individuals followed by SerDs: on average, there are almost 12 slots available for every 100 individuals in treatment at SerDs. However, while in Umbria there are over 31 slots per 100 patients, in Lombardy, Liguria, and Veneto the number exceeds 17 slots per 100 treated, while in Friuli Venezia Giulia, Abruzzo, and Puglia are less than 7 per 100.

The number of treatment facilities managed by Third Sector organizations and reporting to the Ministry of Interior's mid-year bulletin³, as of December 31, 2024, accounted for 761 facilities, representing 87% of the 873 total. Of these, 75% were residential, 16% semi-residential, and 9% outpatient. Approximately 60% of these facilities were located in northern regions: 33% were in the Northwest, with a marked concentration in Lombardy, while 28% were distributed across the Northeast, primarily in Emilia-Romagna and Veneto. The remaining 20% were located in central regions, 15% in southern regions (with a higher presence in Puglia), and 4% in the insular regions.

Nationally, the ratio between the number of anti-addiction facilities and the resident population was slightly less than 2 facilities per 100,000 inhabitants aged 15 to 74. However, in Valle d'Aosta, Liguria, Emilia Romagna, Umbria, and Marche,

this value exceeded 3 facilities per 100,000 residents, while in the province of Bolzano, Friuli Venezia Giulia, Lazio, Campania, Sicily, and Sardinia, the ratio was less than 1 facility per 100,000 inhabitants.

As of December 31, 2024, residential facilities of the Third Sector had an average of 19 patients per facility, with values exceeding 30 individuals in Umbria and Sardinia. Outpatient services, on the other hand, cater to an average daily demand of approximately 49 treated on the same date.

In Italy, activities for preventing health risks related to drug consumption, such as infectious diseases, sexually transmitted diseases, acute intoxications, and related deaths, are primarily carried out by low-threshold services, drop-in centres, and mobile units. Throughout the country, individual counselling, HIV/AIDS testing, and hepatitis C screening are established practices, offered not only to users formally under the care of SerDs but also to those who, although not formally followed by these services, express a need for such services¹. With specific reference to HIV, all regions (with the exception of Apulia) and autonomous provinces ensure access to antiretroviral treatment. In 12 territories, this intervention reaches most, if not all, people who need it. Good levels of assistance are also registered for Hepatitis B: in 15 territorial areas, screening is guaranteed to most at-risk users, while specific vaccination campaigns are present in 14 regions/ autonomous provinces. As for Hepatitis C, pharmacological treatment is guaranteed in all regions and autonomous provinces, though with varying coverage levels.

The spread of interventions dedicated to reducing risks related to substance use is more limited, with generally lower coverage of expressed needs. In 14 regions/autonomous provinces, there are training courses on the safe use of injectable drugs, as well as interventions for managing acute intoxications and for the use of naloxone. Meanwhile, in 16 regional/provincial contexts, also have prevention interventions for drug-related deaths. Ten regions/provinces have activated peer-to-peer support programs, and other 10 offer training

courses for peer-supporters, though current coverage is still limited. Needle and syringe exchange programs are active in 12 regions/provinces, based on variable offer and demand.

Finally, while all regions and autonomous provinces distributed educational material to raise awareness about the risks related to drug consumption, some also provided supplies to prevent drug-related diseases, such as naloxone, sterile needles and syringes, disinfectants, and condoms.

Out of the 406 facilities invited to take part to a **national survey on services of the Third Sector**⁴, **181 organisations** (45% of those contacted) responded, providing information on a total of **265 services** structured into **606 service units**. Of these, 58% were accredited. The majority of service units (77%) were residential or semi-residential, including treatment communities, protected housing, and co-housing. Another 16% focused on the prevention of drug-related disorders, implementing initiatives such as mobile units, drop-in centres, and low-threshold or emergency admission services. Outpatient and prison-based services accounted for 5.3%, while 1.5% were classified as other service categories.

In terms of geographical distribution, 58% of the responding facilities are located in northern Italy –with 19% in Lombardy alone—followed by 21% in Central Italy, 18% in the southern regions, and 4% in the islands.

The facilities employed a total of **2,376 professionals**, including physicians, nurses, psychologists, sociologists, social workers, and professional educators. The role of the professional educator is predominant in residential/ semi-residential services (40%) and prevention services (41%), while in outpatient services, psychologists represent the largest group (35%).

As to the range of **target treatments** at residential and semi-residential facilities, these primarily catered to individuals involved in drug-related legal proceedings

and/or over 40 years old (approximately 30% of facilities), as well as people with dual diagnoses (20%). 72% of outpatient services assisted people aged at least 40, 47% treated users with dual diagnoses, and 41% assisted individuals involved in drug-related crimes. Prevention services for drug-related pathologies mainly targeted users aged 40 and above (56%), people involved in crimes but not imprisoned (54%), homeless people (49%), and those with dual diagnoses (42%). Outpatient and prevention services primarily targeted youth, transgender individuals, bisexuals, homosexuals, and sex workers, while outpatient services alone targeted families with children, and women during and after pregnancy.

According to service providers of the Third Sector, prevention of infectious diseases linked to drug use involved a total of 149 facilities of the Third Sector, including mobile units, drop-in centres, in addition to residential, daytime, and outpatient services. Over half of these services provide individual counselling on the risks of drug-related infectious diseases, while about a quarter conduct HIV/AIDS and HBV screening. One-fifth participate in the HBV vaccination campaign for at-risk groups and administer pharmacological treatments for Hepatitis C. Antiretroviral treatment for HIV is available in 30% of these services.

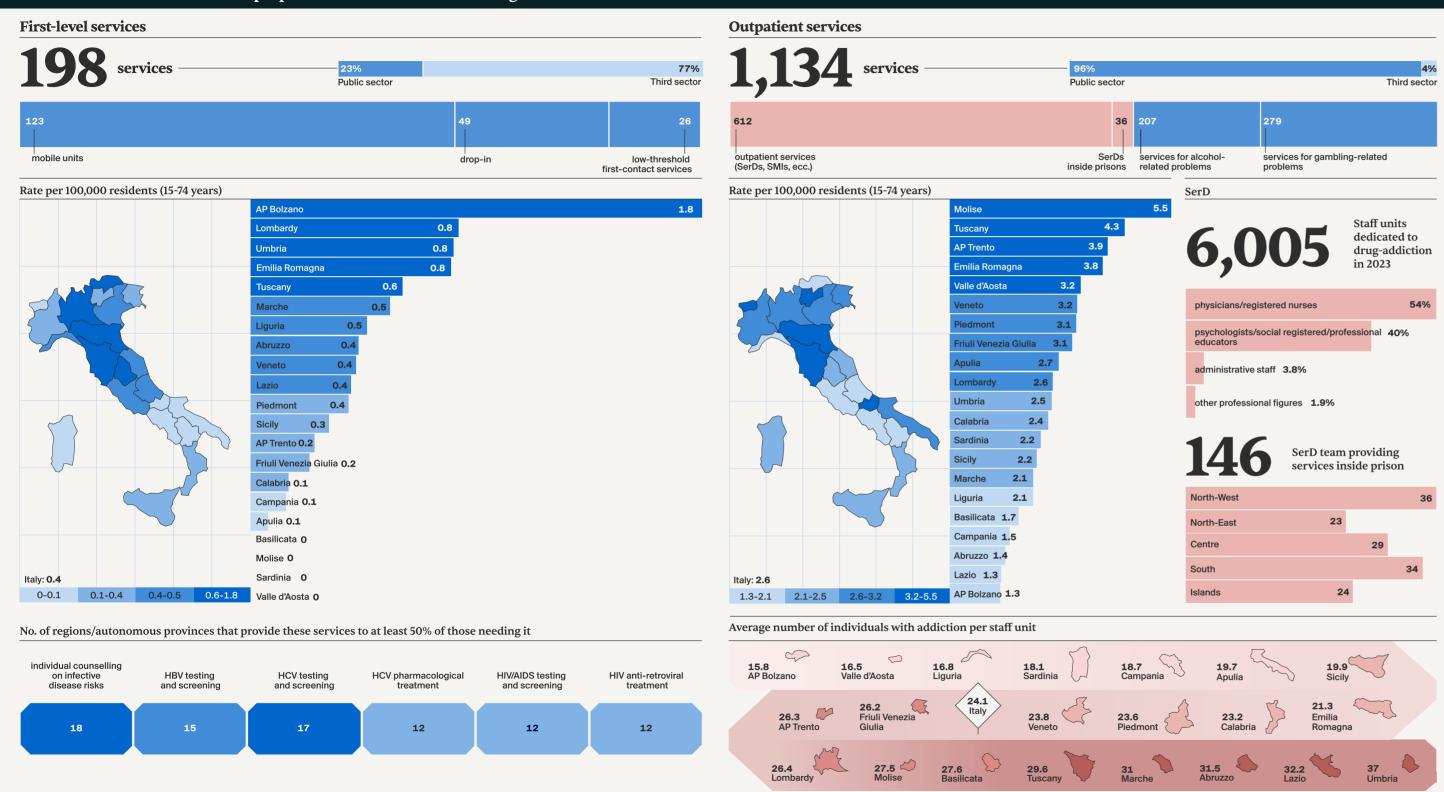
Additionally, the participating services offered training courses on preventing drug-related deaths, managing acute intoxications, and understanding the risks of substance use. They also distributed informational materials and devices for preventing drug-related pathologies (such as condoms, disinfectants, and naloxone). In 2024, specific services dedicated to preventing drug-related pathologies (mobile units, drop-in centres, and low-threshold services) reached approximately 140,000 people. Over a third of these individuals had never been contacted before. These services also distributed more than 170,000 syringes throughout the year.

³ Source: Ministry of Interior - Central Directorate for General Administration and Prefectures - Office V

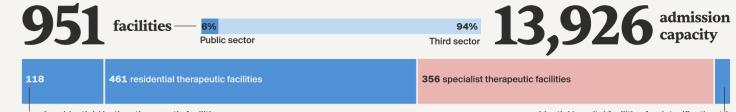
⁴ Source: Survey on Third Sector Services conducted by the National Research Council – Institute of Clinical Physiology (CNR-IFC) in collaboration with the Presidency of the Council of Ministers – Department for Antidrug and Other Addiction Policies

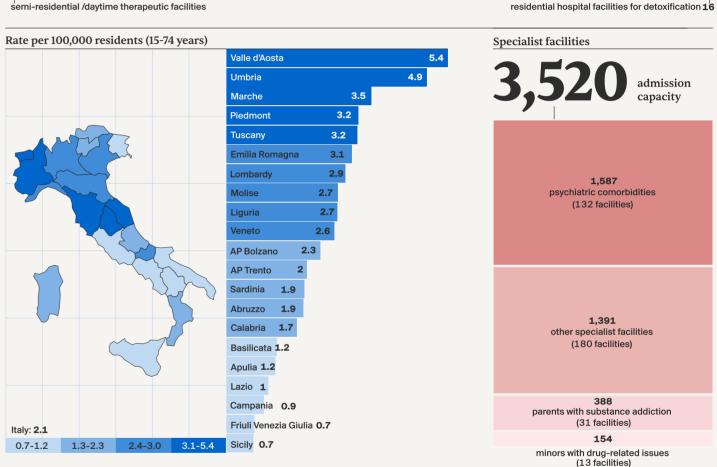
Table 3.1.

Social and health care services for people with addictive disorders during 2024



Residential and semi-residential facilities





No. of regions/autonomous provinces that provide these services to at least 50% of individuals who require them

| | case management | psychosocial counselling | placement in therapeutic facilities | screening psychiatric disorders | treatment patients in dual diagnosis | substitute pharmacological treatment |
|------------------------|--------------------|-----------------------------|---|---------------------------------------|--|--|
| SerDs | 21 | 21 | 21 | 21 | 21 | 21 |
| SerDs in prisons | 14 | 15 | 14 | 13 | 15 | 16 |
| residential facilities | 16 | 12 | 17 | 13 | 15 | 18 |

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Prevention interventions

As reported by Regional Administrations and Addictions Departments⁵, in 2024 a total of 367 prevention projects addressing the general population were implemented nationwide. Of these, 54% were selective-indicated interventions, while the remaining 46% were environmental-universal. Most of the initiatives (82%) focused on the community setting, while a significantly smaller portion targeted other areas: 7.9% addressed families, 6.5% addressed strategic, legal and institutional aspects, and 3.8% addressed nightlife environments. As to funding, 42% of projects were supported by regional funds, 12% received national funds, and 32% were carried out without any external funds.

Most environmental and universal prevention initiatives (82%) were community awareness activities on behaviours that can lead to addiction and on drug-related risks. Among interventions specifically aimed at families, approximately 39% focused on developing parenting skills and strengthening family relationships. Almost all projects were organised and carried out by the Departments for Addictions, and half in collaboration with social promotion and/or volunteer associations. The most common topics addressed in environmental-universal prevention projects for the general population were risky behaviours (52%), alcohol consumption (52%), and gambling (54%). Regarding target audiences, more than half of the initiatives (59%) involved the general population, 39% addressed minors, and 42% addressed young adults aged 18 to 30. One in three projects was directed at families, adults aged 31 to 64, and the healthcare and social workers of local units.

Selective and indicated prevention projects, aimed at specific groups considered to be at higher risk of psychoactive substance use or other risky behaviours, were active in most regional areas and autonomous provinces. Over half of the interventions targeting the population aimed to inform and raise awareness about substance use, addiction-risk behaviours, and alcohol- and drug-related pathologies (61%), Additionally, 59% implemented training interventions to increase knowledge, skills, and social abilities useful for preventing consumption and risky behaviours. Furthermore, 55% developed educational interventions to address the same themes, and 16% aimed to encourage positive behaviours. Between 7% and 15% of initiatives involved more specific interventions, such as modifying physical and social environments to promote healthy lifestyles (environmental restructuring), introducing restrictive regulations to prevent and discourage risky behaviours, and early identification of individuals exposed to substance use through targeted actions and brief first-contact interventions. Within the selective and indicated prevention initiatives reported by the regions and autonomous provinces, all addressed the issue of risks related to illicit drug use, but also alcohol consumption, engaging in general addiction-risk behaviours, and gambling. Projects dedicated to smoking and problematic use of digital technologies were less widespread. In some regions, specific interventions on eating disorders were also launched.

In 93% of cases, the interventions were developed and promoted by the Departments for Addiction Services, often in collaboration with other local stakeholders: associations (involved in nearly half of the projects), services of the Third Sector (43%), and other services of the Local Health Authorities (41%). Almost half of the initiatives targeted youth in vulnerable situations (such as those outside the school system, early school leavers, students facing academic or social difficulties, homeless youth, or those belonging to ethnic minorities). About one-third were aimed at the general population, while 24% focused on individuals receiving care from SerDs. To better reach their target audiences. nearly all projects were implemented in high-aggregation settings, such as youth centres, public events, parks, and public gardens. Additionally, 48% took place within local social and healthcare services, and 24% were carried out in the municipal community setting.

In 2024, within the Third Sector⁶, 91 facilities carried out prevention projects targeting the general population (84 projects). As for environmental and universal prevention aimed at the general public, the initiatives continued along the lines of previous years, focusing primarily on raising awareness about the risks associated with substance use and potentially addictive behaviours. Special attention was given to promoting sports activities, outdoor initiatives, and alternative leisure opportunities, with the goal of actively engaging participants. Over 70% of environmental-universal projects addressed at-risk behaviours and gambling, while just over half focused on alcohol and drug use. These initiatives primarily targeted minors and young adults, who were the focus of more than 70% of the interventions.

In the area of **selective and indicated prevention**, over 60% of interventions focused on raising awareness about substance use, risky behaviours, and disorders related to alcohol and

drug abuse, offering targeted educational programs on these topics. Specifically, 71% of the initiatives addressed the issue of illicit drug use, while 64% focused on alcohol consumption.

In 2024 (as reported by yearly survey by the Regional Administrations and Addictions Departments⁵), a total of 328 school-based prevention projects were implemented across all regions and autonomous provinces. Most of these (68%) was classified as environmental and universal prevention. Nearly half of these projects focused on developing and strengthening knowledge, skills, and social competencies to prevent the use of psychoactive substances and risky behaviours. Another 35% aimed primarily to increase awareness and information about the risks associated with substance use and addiction, while 23% offered educational programs on specific topics such as legality, responsible use of digital technologies, and road safety. The primary targets of these interventions were students and teachers, involved in 69% of cases. Activities mainly took place in upper secondary schools (73%) and lower secondary schools (58%).

As for selective and indicated prevention initiatives within schools, most focused on the consequences of alcohol and drug use and related disorders. The most common actions included awareness and information campaigns on the risks of substance use and risky behaviours (37%), followed by educational interventions on these topics (34%) and training programs designed to strengthen knowledge, skills, and social abilities useful for preventing risky behaviour (34%). In over 30% of cases, projects aimed primarily at the early identification of students showing at-risk behaviours related to psychoactive substance use, with short-term interventions planned to detect and address problematic situations early on. Unlike environmental and universal prevention programs. these selective and targeted prevention initiatives placed particular emphasis on the active involvement not only of students, but also of their families and school staff, promoting a more comprehensive educational collaboration.

⁵ Source: Interregional Technical Group on Addictions - Health Commission of the Conference of Regions and Autonomous Provinces; Public Departments and Services for Addictions of the Health Authorities of the Regions and Autonomous Provinces

⁶ Source: Survey on Third Sector Services conducted by the National Research Council - Institute of Clinical Physiology (CNR-IFC) in collaboration with the Presidency of the Council of Ministers - Department for Antidrug and Other Addiction Policies

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The survey reveals a wide range of **school-based prevention initiatives** (**80 projects**), most of which were environmental and universal, accounting for 56% of all interventions. These activities mainly took place in high schools, although other types of schools were also involved. Among the topics addressed, gambling emerged as the most frequently tackled issue, followed by drug use and at-risk behaviours in general.

Environmental and universal prevention activities were not limited to raising awareness about the dangers of substance use or behavioural addictions; in about one-third of cases, they also included moments of reflection on the responsible use of digital technologies—a topic that is becoming increasingly central among younger generations.

Concerning selective and indicated prevention—which accounts for 44% of all interventions—the initiatives focused almost exclusively on the risks associated with substance use, addictive behaviours, and alcohol- and drug-related disorders, through targeted educational programs. In almost all projects, students were the main target group; however, more than half of the initiatives also involved families and teaching staff.

Information on the high school student population was collected directly from high school principals through the **ESPAD®Italia 2024** questionnaire⁷. The data collected in the

lations to manage student behaviour and control alcohol and tobacco use on their premises. Additionally, 60% of schools have organised dedicated days and/or educational activities focused on preventing psychoactive substance use, with this figure showing growth compared to previous years. Eighty-seven percent of schools have launched initiatives dedicated to preventing bullying and cyberbullying, 56% have focused on preventing risky behaviour while driving, and 35% have promoted activities against gambling. Moreover, 83% of the schools participating in the study have implemented an educational plan to counter school dropout, and 59% of school principals report that their schools also provide specific activities aimed at preventing this phenomenon.

Finally, 24% of schools adopted a training plan dedicated to the recovery of students certified with social withdrawal, and 37% developed targeted activities for this purpose. Most prevention activities (72%) in schools involved local health authorities and/or addiction departments and SerD services, while 66% of initiatives involved law enforcement, 56% involved associations, and 30% involved local authorities. Furthermore, more than one-third of schools (36%) provided specific teacher training on the prevention of psychoactive substance use.

Very useful feedback on the prevention activities carried out by schools is drawn from the responses provided by **students** in the ESPAD®Italia 2024 study. Forty-six per cent of students participated in activities aimed at **preventing at-risk behaviours or promoting well-being**, such as meetings with expert staff within the school. The most frequently addressed topics were bullying/cyberbullying (82%), the use of psychoactive substances (65%), responsible use of the Internet (57%), tobacco consumption (43%), and gambling (34%). Students who participated in informational or preventive interventions related to the use of psychoactive substances showed **greater awareness** of the risks associated with substance use compared to their peers who

had never taken part in specific prevention programs. Moreover, half of the students reported having had the opportunity to use cannabis but chose not to, while this figure drops to 39% among those who did not participate in such interventions.

In the field of road safety, interventions focused on driving under the influence – DUI (of either drug, alcohol or psychoactive substances), which is one of the main causes of accidents, alongside distraction, failure to yield, and speeding. In 2015, an inter-institutional protocol was established between the Department for Policies against Drugs and Other Addictions and the Department of Public Safety⁸. This agreement aims to more effectively address the issue by implementing new organisational measures to improve testing procedures. These include using specialised laboratories, involving doctors and healthcare personnel from the State Police, and experimenting with innovative methods for collecting biological samples directly at roadside checkpoints.

1,562 drivers were sanctioned for driving in an impaired psychophysical state: 1,180 for driving under the influence of alcohol (Article 186 of the Highway Code), including 105 drivers under the age of 21 and newly licensed drivers, and 382 for driving under the influence of drugs (Article 187). 127 drivers were sanctioned for violating both articles. These checks led to the withdrawal of 1,375 driving licenses, the seizure or impoundment of 196 vehicles, and the confiscation of 1,153 grams of cannabinoids and 9 grams of cocaine.

Overall, during the checks, 18,418 drivers were subjected to **breathalyser tests**, 75% of whom were male and 44% over the age of 32. Among these, **1,081** tested **positive** (equivalent to **5.9%**), with a blood alcohol concentration above 0.5 g/l. In 45% of the positive cases, the level was between 0.5 and 0.8 g/l; in another 45%, between 0.8 and 1 g/l; and in the remaining 10%, it exceeded 1.5 g/l.

A total of 3,399 **saliva screening tests** were conducted to detect the presence of illicit substances, and **520** of these (15% of drivers tested) indicated a **positive** result for at least one drug. Subsequent laboratory analyses confirmed **441** drivers as positive for drug use (equivalent to 85% of those who tested positive during the roadside screening). The most frequently detected substances were cannabinoids, found in 345 drivers—mainly aged 18 to 27—and cocaine, found in 196 drivers, primarily over the age of 32. Positive results were also recorded for amphetamines (41 cases) and opioids (25 cases).

As part of the efforts to prevent road accidents caused by the use of drugs and alcohol, in 2024, a total of 444 operations were carried out across all Italian provinces. These involved 564 roadside checkpoints, with the deployment of 3,497 State Police officers and 1,004 doctors and healthcare personnel from the same force. In total, 16,348 vehicles and 21,752 individuals were checked. A total of

⁷ Source: ESPAD®Italia Study 2024, National Research Council - Institute of Clinical Physiology

⁸ Source: Ministry of Interior – Department of Public Security – Traffic Police Service

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Hospital care⁹

In 2024, Italian emergency departments (EDs) recorded 8,378 visits for drug-related conditions, marking a slight decrease of 2.5% compared to the previous year¹⁰. These cases represented 0.05% of the total emergency department visits for the year. In six out of ten cases, the patient arrived at the ED via emergency services (118, the Italian toll-free phone number for emergency), while one-third of the patients reached the hospital independently. Less than 2% were referred by a specialist, general practitioner, paediatrician, or out-of-hours doctor.

Of the drug-related ED visits, 67% involved male patients, with the highest incidence found in the 25-44 age group (43%). However, both very young and older individuals were also affected: 10% of visits involved minors, while 9% involved individuals over 64 (mostly female). Looking at the territorial distribution, the impact of drug-related ED visits varied significantly across regions. Nationally, there are 14 visits per 100,000 residents, but this figure differs considerably by region. For example, in Campania, Calabria, and the province of Trento, the rate was under 4 visits per 100,000 inhabitants, whereas in Piedmont, Aosta Valley, and Emilia-Romagna, it exceeded 25.

The reported drug-related diagnoses paint a clear picture: almost half of patients (47%) arrived at the Emergency Room due to drug-induced psychosis, 46% for substance abuse without addiction, and 7% with drug addiction. Among female admissions, the incidence of drug-induced psychosis was higher (60%), while abuse without addiction

was less frequent (33%). For males, however, the relationship was opposite: 51% were diagnosed with abuse without addiction, and 41% with substance-induced psychosis. The situation appeared similar among minors, with 45% of cases related to drug-induced psychosis and 51% to episodes of abuse without addiction.

Regarding the outcome of these visits, 11% of cases required hospitalisation, involving a total of 904 patients. Among these, 37% were transferred to a psychiatry ward and 17% to intensive care. Additionally, 4% of drug-related admissions required hospitalisation in the paediatric ward.

Hospital discharge records are a vital source of information for understanding the impact of drug use on the healthcare system and analysing how services respond to related health issues. In 2023 (the latest year for which data is available), there were 7,382 hospital admissions with a primary drug-related diagnosis, a 13% increase from 2022¹¹.

This equates to 9.3 admissions per 10,000 total hospitalisations in Italy that year, marking a growing trend from almost 6 per 10,000 in 2012, and reaching its **highest value in 2023**.

Males accounted for 70% of these admissions. Individuals of foreign nationality steadily increased until reaching a peak 9% in 2017 and stabilising between 8% and 10% in subsequent years. A significant trend is the growing gender gap, where male admissions were 1.5-fold higher than for women in 2012 and 2.4-fold higher (peak value) in 2023.

Overall, over the last decade, the average age of patients hospitalised for illnesses directly attributed to drug use has been constantly declining, down to 38 years in 2024, with the average age being 37 years among men and 41 among women. As to the distribution of hospitalization by age groups, 17% of hospitalizations involved youth under 24 years of age, 28% involved adults between 25 and 34, 24% those 35-44 years, (56% male vs. 44% female), and 12% of individuals over 55 (20% females vs. 9% males). Noteworthy is the increasing trend for hospitalisations among the 25-34 age group showing the highest hospitalisation rate for drug-related causes accounting for 33 admissions per 100,000 residents in that age group, and among those aged 15-24 and 45-54 per 100,000.

At national level, in 2023 the standardised hospitalisation rate for conditions directly related to drug use reached nearly 14 admissions per 100,000 inhabitants, surpassing pre-COVID-19 pandemic levels and highlighting a marked difference between the various geographical areas of the country. The phenomenon is particularly concentrated in the northern regions, which alone account for 69% of drug-related hospitalisations. In detail, 42% of hospitalisations

occurred in the northeastern regions, especially in facilities located in Emilia-Romagna, while 27% in the northwest, mostly in Lombardy. In these areas. The impact of hospitalisations on the healthcare system is significant: in the Northeast, there are 18 drug-related admissions for every 10,000 total hospitalisations (with a peak of 25.6 in Emilia-Romagna), while the rate is 9.2 in the Northwest, compared to a national average of 9.3 per 10,000 hospitalisations.

Considering the substances listed in the primary diagnosis, nearly half of drug-related hospitalisations (47%) involve the use of mixed or unspecified substances, with a higher prevalence among female patients. In 2023, 30% of drug-related hospitalisations were directly attributed to cocaine use, while 15% were linked to opioid use; those related to cannabinoids accounted for approximately 7% of the total, while those associated with stimulant or hallucinogenic substances were 1%.

An analysis of the phenomenon's evolution over the past decade shows a gradual increase in hospitalizations directly related to the use of cocaine and cannabinoids, alongside a decline in those associated with heroin/opioids: in 2013,

⁹ In Italy, the Decree of December 18, 2008 is currently in force, according to which "clinical information contained in the hospital discharge form... must be coded using the Italian 2007 version of the International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM), and its subsequent amendments and additions, or any future revisions."

¹⁰ Source: Ministry of Health – Directorate General for Digitalization, Health Information System and Statistics – EMUR Data Flow

¹¹ Source: Ministry of Health - Directorate General for Digitalization, Health Information System and Statistics - SDO Data Flow

these accounted for 12% and 5% of the total, respectively, while opioid-related hospitalizations were much more widespread, reaching nearly 24%.

As to the primary drug-related diagnoses, 65% involved a condition of addiction (71% males), while 33% were classified as drug abuse (49% females) —highlighting a significant gender difference. Differences are also evident when considering specific substances.

Hospitalisations related to opioid use and mixed or unidentified substances were predominantly associated with diagnoses of addiction, while those involving cannabinoid use were mainly classified as cases of abuse.

The differences are also evident when considering specific substances. Hospitalisations related to the use of opioids and mixed or unidentified substances were predominantly associated with a diagnosis of dependence, whereas those related to the use of cannabinoids were mainly classified as cases of abuse. In the case of cocaine, diagnoses of addiction and abuse were evenly distributed.

Among the secondary¹² diagnoses reported alongside the primary drug-related diagnosis, mental disorders were the most frequent, affecting 63% of cases, with a clear prevalence among men (69% compared to 53% among women). Medical conditions related to the nervous system and sensory organs were reported in 10% of cases, with a higher incidence among women (22% versus 4% in men).

When considering all diagnoses listed on hospital discharge records (including the primary and up to the first five secondary diagnoses), the total number of hospitalisations related to drug use increases significantly. In 2023, these cases reached 22,311, marking a 14% increase compared to 2022.

The incidence of drug-related hospitalisations was 28 for every 10,000 total hospital admissions that year, and the **national hospitalisation rate** directly or indirectly related to

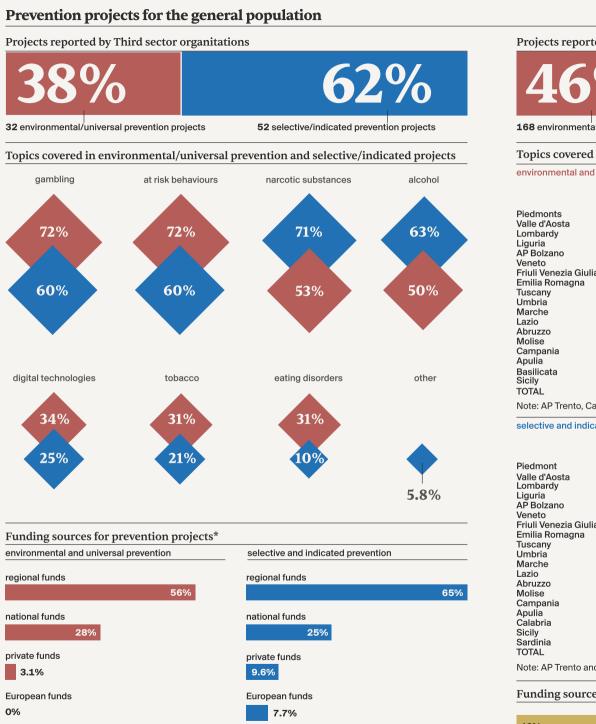
substance use stood at nearly **41 per 100,000 inhabitants**. This rate was particularly high among residents in northern Italy, where the phenomenon is more pronounced. In fact, the impact on hospital facilities in the northwestern and northeastern regions—where 61% of drug-related hospitalisations were managed— was 53 and 45 hospitalisations per 100,000 inhabitants, respectively. In southern Italy, the rate was significantly lower, at 24 per 100,000 residents, while in the islands it stood at 32.

Observation of the substances mentioned in hospital diagnoses highlights that 38% of cases were related to cocaine use, 29% to cannabinoids, 18% to opioids, and 2% to stimulant or hallucinogenic substances. Additionally, 36% of hospitalisations referred to mixed or unspecified substances. This picture differs from that drawn by analysing only the primary diagnosis. When all diagnoses are considered, there is a higher incidence of hospitalisations related to cannabinoids, with a steadily increasing trend: in 2013 they accounted for 17% of all cases, whereas in 2023 they exceeded 29%. Hospitalisations with at least one diagnosis related to cocaine use also increased, rising from 18% in 2013 to 38%. Conversely, hospitalisations linked to opioid use show a significant decline: ten years ago, they made up 31% of cases, but today they have dropped to 18%.

¹² Hospital discharge records include up to 5 secondary diagnoses in addition to the primary diagnosis

Prevention of alcohol and drug-related road accidents 127 art. 186 + 187 of Highway Code Violation of both articles art. 186 of Highway Code art. 187 of Highway Code driving under influence of alcohol driving under influence of substances of which 8.9% under 21 years of age of which 6.3% due to refusal to undergo testing people checked during prevention activities **18,418** drivers who 3.399 drivers who underwent saliva test underwent alcohol test 520 (15%) of drivers positive to at least one substance of which 85% confirmed by lab (441) 1,081 (5.9%) drivers tested with alcohol rate > 0.5 g/l cannabinoids cocaine Blood alcohol levels by age-group Detected substances by age-group $0.5 - 0.8 \, \text{g/l}$ $0.8 - 1.5 \, \text{g/l}$ $> 1.5 \, \text{g/l}$ cannabinoids cocaine amphetamine/ 18 23 28>32 18 23 28>32 18 23 28>32 18 23 28>32 18 23 28>32 18 23 28>32 18 23 28>32 $2\overline{2}$ $2\overline{7}$ $3\overline{2}$ Detected substances overall, M and Blood alcohol levels overall, M and F

Source: Ministry of Interior – Department of Public Security – Traffic Police Service



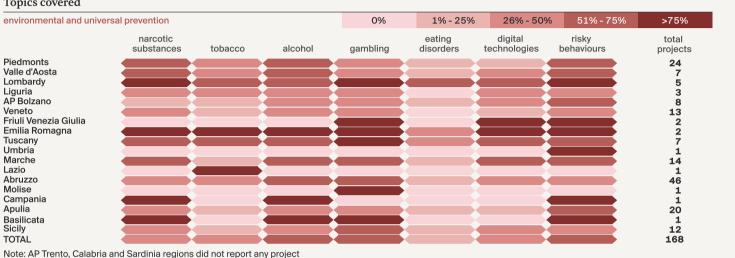
*The total exceeds 100% as some projects have received funding from multiple sources of different types Source: Survey on Third Sector Services. Statistics by the National Research Council - Institute of Clinical Physiology (CNR-IFC)

no funding 1.9%



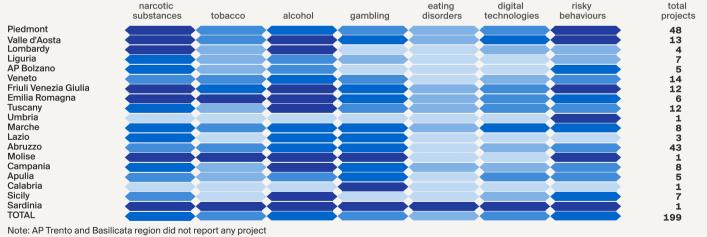


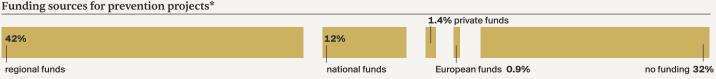
168 environmental/universal prevention projects 199 selective/indicated prevention projects



1% - 25% 26% - 50% 51% - 75%

selective and indicated prevention





* The total exceeds 100% as some projects have received funding from multiple sources of different types Source: Interregional Technical Group on Addictions - Health Commission of the Conference of Regions and Autonomous Provinces; Public Departments and Addictions Units of the Regions and Autonomous Provinces Health Authorities

Prevention projects in schools



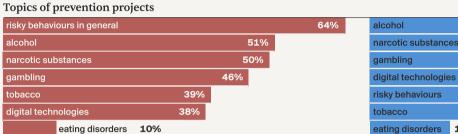


projects were implemented



222 environmental/universal prevention projects

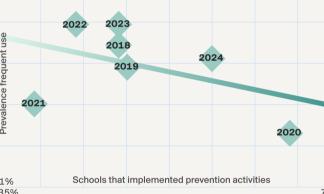




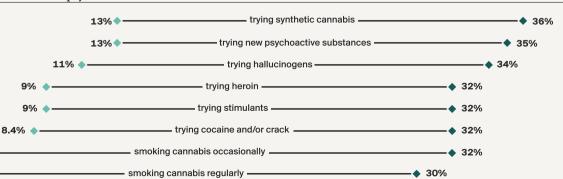




Type of school where environmental/universal prevention

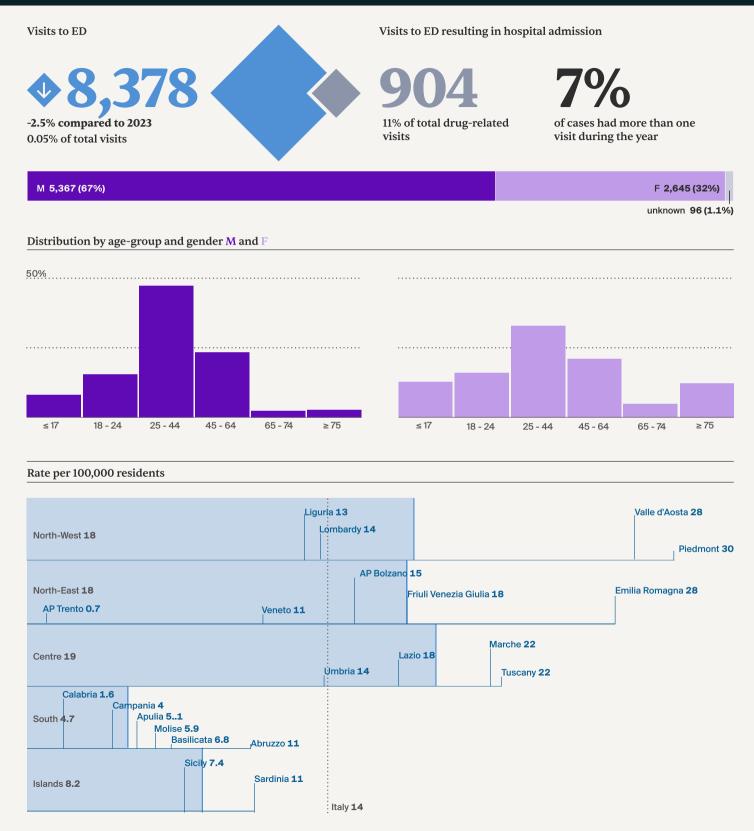


Percentage of students, partecipating and non-partecipating to prevention initiatives, who claimed they were unable to answer questions on the risk associated to the use of psychoactive substances

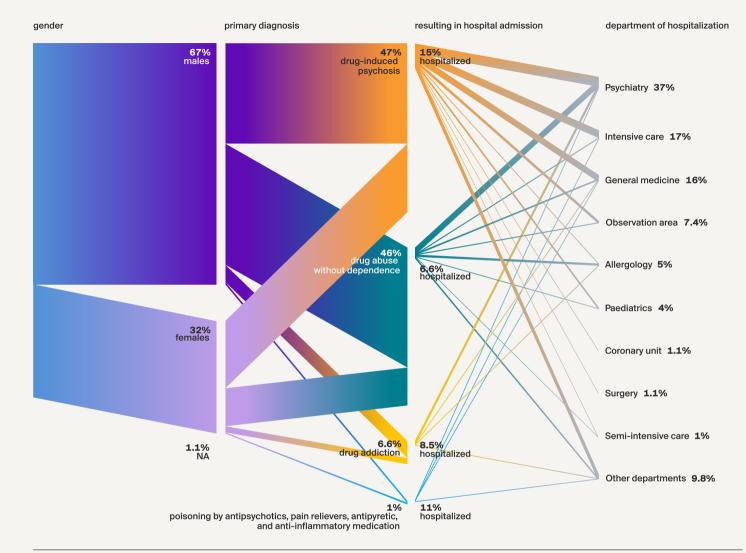


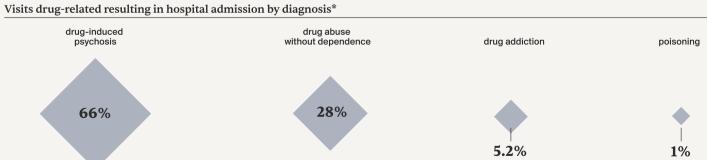
Sources: Interregional Technical Group on Addictions - Health Commission of the Conference of Regions and Autonomous Provinces; Public Departments and Addictions Units of the Regions and Autonomous Provinces Health Authorities; ESPAD®Italia 2024 Survey, National Research Council - Institute of Clinical Physiology

Table 3.3 **Drug-related visits in Emergency Department during 2024**



Diagnosis* and department of hospitalization related to drug-related ED visits





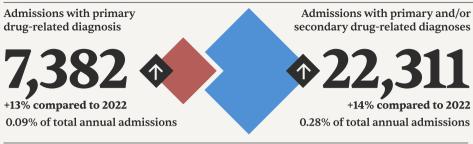
^{*} Diagnoses are defined according to the ICD-9-CM classification, Ministerial Decree 18 December 2008

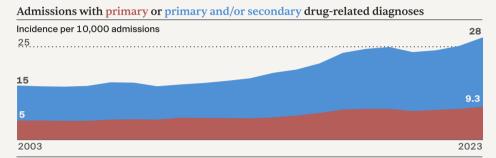
Due to rounding of number the sum of the percentage values could be between 99.1% and 100.9%

Source: Ministry of Health – Directorate General for Digitalization, Health Information System and Statistics – EMUR Data Flow

Table 3.4 **Drug-related hospital admissions during 2023**

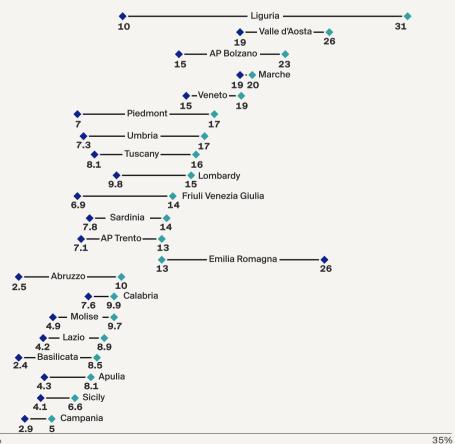
Drug-related hospital admissions

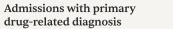


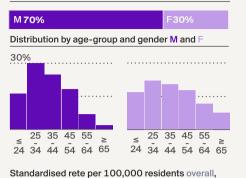


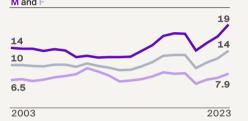
Distribution of admissions with primary drug-related diagnosis

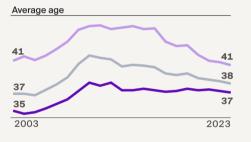
Incidence per 10,000 admissions by place of admission and rate per 100,000 residents by place of residence





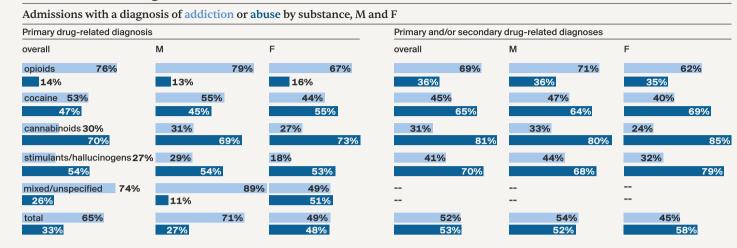


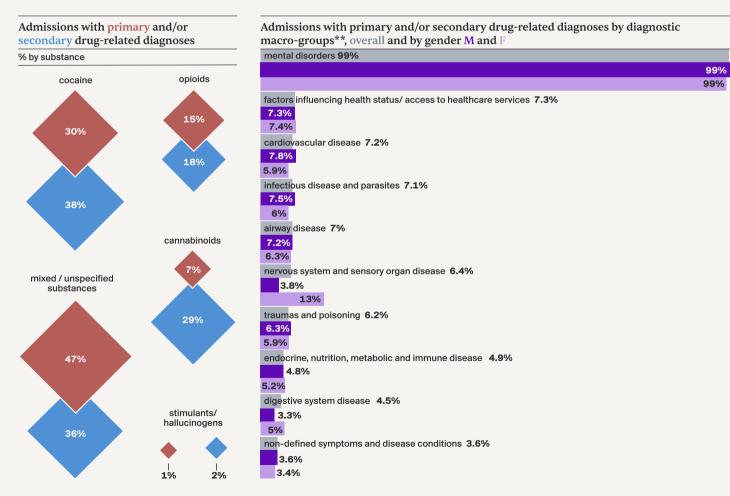






Substances and diagnoses* of admissions





* Diagnoses are defined according to the ICD-9-CM classification, Ministerial Decree 18 December 2008

Source: Ministry of Health - Directorate General for Digitalization, Health Information System and Statistics - SDO Data Flow

^{**}The 10 diagnostic macro-groups with the highest percentage of drug-related admissions are reported.

In 2024, the public addiction services (SerDs) assisted a total of 134,443 individuals for the use of illegal substances and/ or non-prescribed psychotropic drugs¹³. Around 88% of these individuals were already in treatment in previous years, and 85% were male.

At the national level, the treatment rate stands at 228 individuals per 100,000 inhabitants, with notable differences between the country's macro-areas. For example, in the central regions, there are up to 277 individuals in treatment per 100,000 residents, largely due to the regions of Marche and Umbria (360 and 351 per 100,000 residents, respectively), whereas in the island and southern regions, the rate drops to 190 and 151.

In terms of age distribution, 63% of individuals attending SerDs were between 30 and 54 years old, 23% were over 54, and 14% were under 30, reflecting a gradual ageing of the treatment population. In 1999, only 11% of individuals in treatment were over 39, a figure that rose to 40% in 2009 and reached 64% in 2024. This trend is further underscored by the rise in average age: in 2024, the average age of people in treatment was 43. Between 1999 and 2024, the average age among new accesses increased from 28 to 34, while for individuals already in care in SerDs rose from 31 to 45 years.

Considering the primary substance for which individuals were being treated, in 2024, 59% of users were under care for opioids (56% specifically for heroin), 23% for cocaine, with an additional 3.3% for crack, and 13% for cannabinoids. However, when secondary substances are also taken into account, the picture changes significantly: 42% of users had used cocaine, 30% cannabinoids, and 5.2% crack; the share of heroin users remained nearly unchanged at 59%, which rises to about 64% when other opioids are included.

Focusing on the distinction between individuals accessing the SerDs for the first time and those who had already accessed, 45% of the former were in treatment primarily for cocaine/crack use, 34% for cannabinoids, and 18% for opioids. The profile is different among those who had already accessed the services: 64% were treated primarily for opioid use, 25% for cocaine/crack, and 10% for cannabinoids. A similar pattern is observed among women: 39% of new female users were in treatment for primary use of cocaine/crack, 29% for cannabinoids, and 22% for opioids. Among women who had already accessed the services, 69% were being treated for opioid use, followed by 20% for cocaine/crack and 8% for cannabinoids.

Over time, the proportion of individuals in treatment for primary opioid use has declined: from 87% in 1999 to 70% in 2009, 63% in 2022, and 59% in 2024. In contrast. there has been a steady increase in the proportion of those in treatment for primary cocaine/crack use: from

4.4% in 1999 to 16% in 2009, 24% in 2022, and 27% in 2024. There has also been an increase over time in the share of individuals treated for primary cannabinoid use: from 8.2% in 1999 to 9.3% in 2009, reaching nearly 13% in 2024.

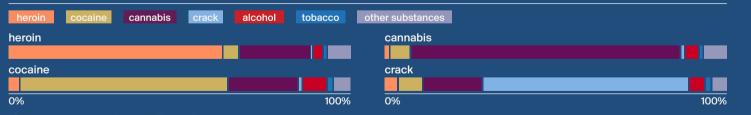
First time use drugs

Data from SerDs drug treatment centres of individuals with crack addiction, 65% of those in treatment for primary use of heroin. highlight that the primary substance of use those with heroin addiction, and 58.5% of Alcoholic substances as the first substance used among most individuals accessing services in those using non-prescribed benzodiazepines. were also present in a non-negligible percen-2024 was the same substance they reported Regardless of the primary substance for which tage among 6.7% of cases treated for cocaine to be their first-used substance¹⁴. Specifically, individuals were receiving treatment in 2024, addiction, 4.4% of those in treatment for crack this is true for 81.3% of individuals in treat- cannabinoids were widely present as the first drug addiction, 3.8% of those in treatment for cannament for cannabinoid addiction, for 62.2% used, across all groups, reaching 21% among binoid addiction, and 2.3% of heroin addiction.

Individuals in care at SerD, divided by primary drug of treatment and drug of first use, 2024

| | Primary drug of treatment | | | | | | | | | | | |
|-------------------|---------------------------|-------|---------|-------|-----------|-------|-------|-------|------------------|-------|---------|-------|
| | Heroin | | Cocaine | | Cannabis* | | Crack | | Other substances | | Total | |
| Drug of first use | n. | % | n. | % | n. | % | n. | % | n. | % | n. | % |
| Heroin | 48,032 | 65.0 | 1,037 | 3.2 | 196 | 1.2 | 182 | 4.0 | 487 | 8.2 | 49,934 | 37.4 |
| Cocaine | 3,130 | 4.2 | 20,465 | 62.6 | 912 | 5.5 | 302 | 6.7 | 266 | 4.5 | 25,075 | 18.8 |
| Cannabis* | 15,554 | 21.0 | 6,783 | 20.7 | 13,448 | 81.3 | 779 | 17.3 | 847 | 14.3 | 37,411 | 28.0 |
| Crack | 159 | 0.2 | 140 | 0.4 | 108 | 0.7 | 2,804 | 62.2 | 19 | 0.3 | 3,230 | 2.4 |
| Alcohol | 1,680 | 2.3 | 2,185 | 6.7 | 634 | 3.8 | 197 | 4.4 | 309 | 5.2 | 5,005 | 3.7 |
| Tobacco | 469 | 0.6 | 347 | 1.1 | 148 | 0.9 | 44 | 1.0 | 41 | 0.7 | 1,049 | 0.8 |
| Other substances | 4,904 | 6.6 | 1,743 | 5.3 | 1,103 | 6.7 | 202 | 4.5 | 3,958 | 66.8 | 11,910 | 8.9 |
| Total | 73,928 | 100.0 | 32,700 | 100.0 | 16,549 | 100.0 | 4,510 | 100.0 | 5,927 | 100.0 | 133,614 | 100.0 |





*Cannabis: Leaves and Flowering Tops or Resin

The data provided refer to the 2024 reporting from the SIND information flow—the most recent available—and concern the primary substance for which individuals currently in treatment at the SerDs (Addiction Services) are being treated, in relation to their first substance

¹³ Source: SIND Working Group: Ministry of Health - Directorate General for Digitalization, Health Information System and Statistics; Interregional Technical Group on Addictions - Health Commission of the Conference of Regions and Autonomous Provinces.

¹⁴ Source: Ministry of Health - Directorate General for Digitalization, Health Information System and Statistics - National Addiction Information System (SIND)

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In 2024, among individuals accessing the service for the first time in treatment for primary opioid use, 59% were between 25 and 44 years of age, while 36% were over 44. Among those who had already accessed the services, these percentages were 32% and 67%, respectively. Primary cocaine/crack use, on the other hand, involved a slightly younger age group: 65% of new users were between 25 and 44, and 9% were under 29; among established users, these percentages dropped to 57% and 3.3%, respectively. Finally, primary cannabinoid use was most common among the youngest age group: among individuals accessing the service for the first time, 57% were under 25 and 36% between 25 and 44; among known users, the proportions were 30% and 52%, respectively.

The analysis of polydrug use shows that among those in treatment for primary cannabinoid use, just over half (54%) used this substance alone, while the remainder combined it with others: 18% with one additional substance, and 29% with two or more. Among users treated for primary cocaine use, 43% used only cocaine, 17% also used another substance, and 40% used at least two others in addition to cocaine. Polydrug use was even more common among people treated for primary opioid use: 37% used only opioids, 18% combined them with one other substance, and 44% used at least two additional substances. In general, the most commonly used substances used in combination were cocaine, cannabinoids, and alcohol.

In 2024, 7% of individuals assisted were diagnosed with at least one psychiatric disorder¹⁵. Most of these cases (about 60%) involved personality and behavioural disorders. They were followed by individuals with schizophrenia and other functional psychoses, who made up 16% of those with a dual diagnosis, and those with neurotic and somatoform syndromes (14%). Around 3% were diagnosed with depression, and 2% with mania or bipolar affective disorders.

Over the course of 2024, the SerD public addiction services provided a total of 16,234,884 services to people in treatment for illegal drug and/or non-prescribed psychotropic drug use. Of these, 74% were pharmacological, including the administration of medications and vaccines, 12% were medical services, such as checkups, lab tests, and prevention for related illnesses. Psychosocial services, including counselling, psychotherapy, and socio-educational activities, accounted for 7%, while the remaining 6% included services such as drafting or reviewing individual therapeutic programs, case reports, prescriptions, and certifications. Putting these services in relation to the 134,443 individuals in care, data show that over half (51%) received pharmacological related assistance, averaging about 175 assistance events per person; 72% received psychosocial related services, averaging 13 per person, 80% were provided with non-pharmacological medical services, about 19 per person. 73% received other types of services, averaging 10 per person and 2% were enrolled in residential therapeutic programs (a figure significantly underestimated compared to the real number of patients on such pathways).

At the local level, the provision of different types of services varied greatly. Pharmacological services exceeded 80% of all services in Piedmont, Tuscany, Molise, Campania, and Apulia, while they dropped to 40% or less in Marche region and the autonomous province of Bolzano. Medical services made up more than 25% of the total in Lombardy, Sardinia, and the province of Bolzano, but less than 5% in Valle d'Aosta, Molise, and Campania. Psychosocial services exceeded 20% in the regions Marche and Sicily, but were below 5% in Tuscany, Campania, Apulia, and the provinces of Bolzano and Trento. In the provinces of Bolzano and Trento and in Marche region, other types of services exceeded 15% of the total.

As of that same date, individuals at treatment facilities of the Third Sector accounted for 34 individuals accessing the service per 100,000 residents aged 15–74, with significant variation between regions: ranging from about 8 clients per 100,000 residents in the province of Bolzano to about 92 in Umbria, where residential facilities are more prevalent.

Substitution pharmacological treatment was administered to approximately one-third of the individuals referring to the SerDs in 13 Italian regions in 2024, involving a total of 34,553 individuals. Among these, 78% received methadone, which remains the most commonly used substitution drug. This was followed by suboxone and buprenorphine/naloxone, administered to 13% and 9% of treated individuals, respectively. Noteworthy are some gender-related differences: methadone was administered to 85% of female patients undergoing substitution therapy, compared to 77% of male patients. Conversely, suboxone was used more often among men (14%) than women (7%).

As of **December 31, 2024**, a total of **15,562 people** were receiving treatment in the 761 **therapeutic facilities of the Third Sector** that reported to the **Ministry of Interior**'s midyear survey¹⁶. Most were in residential facilities (69%), followed by semi-residential (9%), and outpatient services (22%). As to geographical distribution, 52% of clients were in facilities located in northern regions, especially Lombardy (18%), Emilia-Romagna (14%), and Veneto (10%); 31% were in central regions, particularly in outpatient services in Lazio (18%). The remaining 12% and 5% were in the southern and island regions, respectively.

Throughout 2024, a total of **23,977 people** received care from Third Sector facilities, marking an **8% decrease** compared to 26,132 users in the previous year. **Male patients** were overwhelmingly predominant, representing **83%** of the total. Nationally, the ratio of users to the resident population is 54 people in treatment per 100,000 inhabitants aged 15 to 74, with a peak of 84 per 100,000 in central regions and a low of 19 in southern and island regions.

Analysing the basin of individuals accessing the service by age group¹⁷, 48% were over 40 years old, 28% between 31–40, and 14% between 25 and 30. Young adults under 25 made up about 10% of the total. The **age profile of users shows an increasing trend**, with the proportion of over-40s rising from 44% in 2021 to 48% in 2024. Breaking down the data by substances used 18, 39% are in treatment for **primary use of cocaine/crack**,

¹⁵ The SIND information system also records data related to pathologies diagnosed and/or objectively reported for the individual, active during the period under consideration and concurrent with the primary diagnosis of dependence (according to the ICD-9-CM classification system – Ministerial Decree of December 18, 2008). It should be noted, however, that this data is likely underestimated (not all services collect this information with the same level of accuracy and completeness) and is influenced by the specific local service availability (for example, not all services have a psychiatrist on staff)

¹⁶ Source: Ministry of Interior – Department for general administration, personnel policies of the civil administration, and instrumental and financial resources – Office V

¹⁷ For 2% of the users, age data is not available

¹⁸ For 5% of the users, the primary substance was not reported

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particularly among men (40% vs. 35% for women), **26%** for **heroin/opioids**, **8%** for **cannabis**, and 2% for other illegal drugs, with no significant gender differences. Alcohol is the primary reason for treatment for almost 20% of users, slightly more common among women (22% vs. 19% in men).

From 2020 to 2024, the proportion of individuals treated for primary use of **cocaine/crack increased** from 36% to 41%; those treated for **heroin/opioids decreased** from 36% to 28%, treatment for alcohol use rose slightly from 19% to 21%, while those in treatment for cannabis use remained stable between 7% and 8%.

In 2024, the services of the Third Sector¹⁹ participating in a research study reported to have provided care for about 19,000 individuals, 69% of whom were treated in residential or semi-residential facilities. Most individuals in these facilities were male (81%), and over half (52%) were admitted for the first time that year. Of these, 45% were in the 30 to 44 age group, 33% were over 45, 22% were under 30. In terms of schooling, 69% had lower educational levels, with at most a middle school diploma. Regarding the living conditions before admission, 68% had a stable residence, 13% lived in detention facilities, 44% lived with family, 28% lived alone. In terms of employment, 71% were unemployed, 10% had regular employment, and 7.5% had occasional jobs.

Regarding substance used upon accessing the service, 43% received treatment for primary use of cocaine or crack (mainly smoked or inhaled in 56% of cases), 23% for alcohol, 17% for opioids (mostly injected, in 59% of cases), and 10% for cannabis. In addition, 2.2% were treated for gambling problems, and less than 1% for other behaviours. 73% of users were polydrug users, most frequently using (in order of prevalence): cocaine/crack, alcohol, and cannabis. In terms of therapeutic programs, most people in residential or semi-residential care, participated in group therapy (70%), received psychological support (67%), 40% underwent

individual psychotherapy and participated in self-help groups, 26% received integrated treatments, including 13% who were on substitution therapy, and 28% received pharmacological treatments for psychiatric conditions.

As of December 31, 2024, in Italy there were 19,755 people living in prison (PLIP) with drug addiction, 96% of whom were male, and 35% of foreign nationality²⁰. PLIP with drug addiction made up 32% of the total prison population (61,861 people), a slight increase from 29% in 2023. At a regional level, 45% of PLIP with drug addiction were incarcerated in northern regions, 32% in southern and island regions, and 23% in central Italy. The percentage of PLIP with drug addiction out of the regional prison population reached 41% in the northwestern regions, 38% in the north-east, 36% in the central regions, and approximately 24% in the southern and island regions.

In 2024, a total of **16,890 PLIP with drug addiction entering prison** (8,700 in the first half of the year and 8,190 in the second), accounting for **39%** of the 43,489 **total prison admissions**. At a regional level, this percentage was below 20% in Calabria, Friuli Venezia Giulia, and the province of Trento, while it reached 50% in Lombardy and Molise, and exceeded 65% in Emilia-Romagna and the province of Bolzano. Among foreign detainees admitted to prison in 2024, 37% had drug addiction, compared to 40% among Italian detainees —in agreement with those recorded in the previous year.

and 146 addiction teams operating in the 189 correctional facilities across the country²¹. In 2024, a total of 28,679 detainees received at least one healthcare service from addiction services for issues related to drug use. The vast majority—approximately 97%—were male. New patients represented 39% of the total, and 35% were of foreign nationality. New patients were on average 37 of age, were slightly younger than individuals who had already accessed the services (on average 40 years of age). The average age of male and female patients was similar (39 and 40 years, respectively), but there was a noticeable difference between Italian and foreign nationals: Italian nationals had an average age of 41, while foreign nationals were younger, with an average age of 35. Among foreign detainees, 32% were under 30 years of age and 38% were between 30 and 39, compared to 16% and 29%, respectively, among Italian detainees. Over half of detainees with drug addiction (55%) were treated

Healthcare for PLIP with drug addiction was provided by

local Health Authorities, through 36 institutional services

Over half of detainees with drug addiction (55%) were treated by services for **primary use of cocaine/crack**. This percentage was similar among new patients (54%) and those already in care (56%), as well as among foreign nationals (56%) and Italian nationals (53%). The most significant difference was gender: cocaine/crack was the primary drug used by 55% male patients compared to 39% of female patients.

Opioid use, on the other hand, was the primary reason for treatment in 23% of overall cases, rising to 42% among female detainees (compared to 22% among males), and to 26% among Italian nationals (compared to 19% among foreign nationals). Cannabinoids were the main substance used by 12% of those in treatment, with some notable differences: the percentage rises to 15% among new patients, to 12% among male detainees, and to 14% among foreign nationals (compared to 9% among existing patients, 6% among female detainees, and 11% among Italian nationals).

Territorial differences are quite marked in terms of primary drug used among detainees receiving treatment. The most common primary drugs were opioids (significantly higher than the national average) in the regions of Friuli Venezia Giulia (58%), Sardinia (46%), and the province of Trento (62%), cocaine in the regions of Lombardy (67%), Lazio (60%), Campania (61%), and Sicily (62%), and cannabinoids in the regions of Liguria and Basilicata and the province of Bolzano stand out (24%).

Data on interventions report 21,445 **treatments** provided during the year²². Of these, over half (57%) were **integrated treatments** (pharmacological and psychosocial), 21% were **psychosocial** alone, 12% exclusively **pharmacological**, and 5% **educational**. Additionally, 6% of interventions involved placement in **therapeutic communities** as an alternative to incarceration.

The most frequently provided treatment to detainees treated primarily for opioids and cocaine was integrated pharmacological treatment, accounting for 60% and 71% of total treatments, respectively. Moreover, 17% of treatments given to opioid users were exclusively pharmacological, while 15% of interventions for cocaine users were exclusively psychological support. Psychosocial treatments were provided at a higher rate to detainees treated primarily for cannabis use, accounting for 21%. For those using other substances, the therapeutic profile is similar to that of opioid users.

¹⁹ Source: Survey on Third Sector Services conducted by the National Research Council – Institute of Clinical Physiology (CNR-IFC) in collaboration with the Presidency of the Council of Ministers – Department for Antidrug and Other Addiction Policies

²⁰ Source: Ministry of Justice - Department of Penitentiary Administration

²¹ Source: Ministry of Justice – Department of Penitentiary Administration

²² Assigned to approximately 70% of detainees with drug addiction in treatment

Finally, access to rehabilitation facilities as an alternative to detention was granted at similar frequencies across all substance types, ranging between 4% and 5%.

As of December 31, 2024, the number of individuals under alternative measures to detention reached 46.366, marking a 13% increase compared to the same date in 2023²³. Among them, **4,218** individuals—equivalent to **9%** of the total—were on probation for alcohol- and drug-related issues, under the care of the probation office (Ufficio di Esecuzione Penale Esterna, UEPE). While these addiction-related probation cases rose by 8% from 2023, their relative proportion among all alternative measures has continued a long-term decline, falling from 15% in 2015 to 9% in 2024. Regarding the origins of these probation cases: 67% involved individuals transitioning from incarceration; 25% involved those at freedom (i.e., not previously detained); 8% concerned individuals coming from home detention. The majority of those on probation (95%) were male, and 84% were Italian nationals. Regarding age distribution, 33% were between 40 and 49 years old, 30% between 30 and 39, 21% between 50 and 59; approximately 11% were under 30 years old, and nearly 6% were over 60.

During 2024, the UEPE probation office assisted 6,602 individuals with alcohol and drug addiction under alternative measures, encompassing both new admissions and those carried over from previous years. This group accounted for approximately 9% of the total caseload, consistent with figures reported in 2023. With regard to revocations of alternative measures, 36% of all completed and closed cases

among individuals initially at freedom were revoked in 2024. Of these revocations: 27% were attributed to non-compliance with the assigned individual treatment program, and 3.1% were due to the commission of new offences. Among individuals who had entered probation from incarceration, house arrest, or home detention, the revocation rate was higher, at 44%. Of these revocations: 35% were due to negative rehabilitation progress, and 2.4% stemmed from new criminal offenses. It is important to note that these figures remain provisional, as final assessments will be available only upon the completion of all case evaluations and procedural reviews.

Another alternative measure was community service work (lavoro di pubblica utilità, LPU), a substitute criminal sanction granted to individuals who are not incarcerated, applied in specific cases of violations of the Drug Law (Art.73 DPR No.309/1990) and the Highway Code. In 2024, 9,537 people benefited from this, a 7% decrease compared to the previous year. Of these, 790 had been convicted of drug-related offences, representing 8.3% of people assigned to community service. The incidence of LPU sanctions applied to those convicted of drug-related crimes has increased over time, rising from 5% in 2013 to 8% in the last two years. Half of the recipients were aged between 30 and 49, 15% were under 30, and 13% were over 60. Regarding the type of activity performed, 69% worked in social, assistance, and healthcare fields, 8% were involved in the maintenance of buildings and public services, and 5% worked in environmental and cultural sectors.

²³ Source: Ministry of Justice – Department of Juvenile and Community Justice

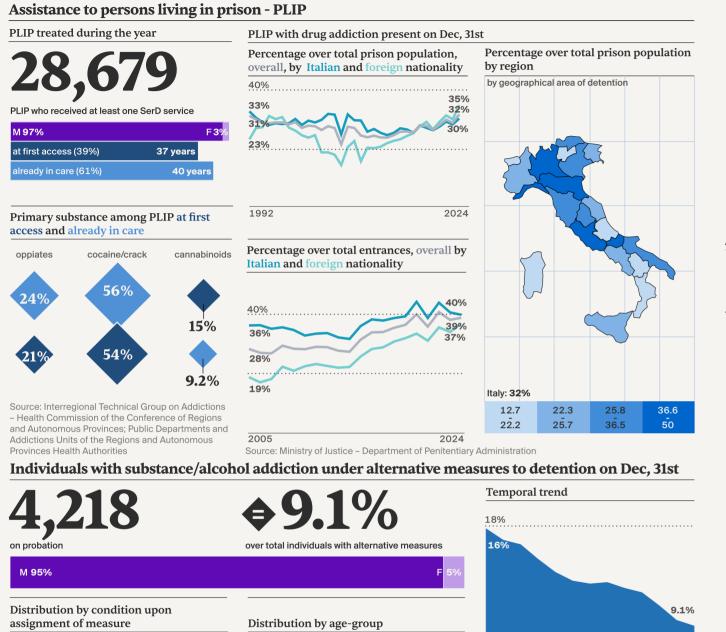
25% from freedom

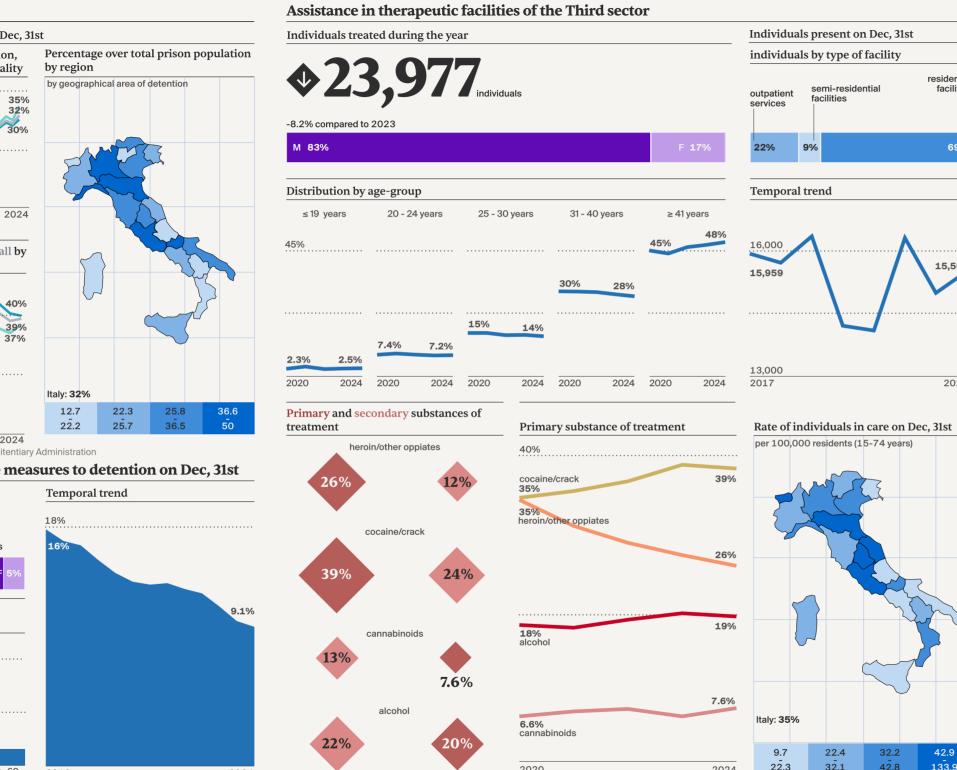
Assistance in outpatient services and therapeutic facilities during 2024

from home

Due to rounding of number the sum of the percentage values could be between 99.1% and 100.9%

Source: Ministry of Justice - Department of Juvenile and Community Justice





Outpatient assistance

Rate of individuals in care

Italy: 228

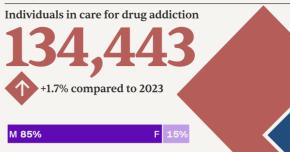
45 years

206.8 236.8 281.6 30

Average age* of individuals at first

20'09

access and already in care



Basilicata 1.023

134,443

2024

6.236 AP Trento

Age at first use and at first treatment by

Source: SIND Working Group: Ministry of Health; Interregional Technical Group on Addictions - Health Commission of the Conference of Regions and Autonomous Provinces

gender, M and I

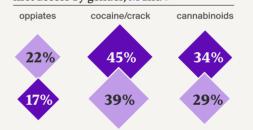
2019 2024 2015

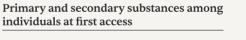
*The data for years 1999 and 2009 refer to the aggregated data flow (DM 20 September 1997)

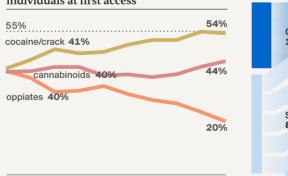
5,340 Valle d'Aosta 346

12% of all individuals in care









services provided

substances among all individuals in care



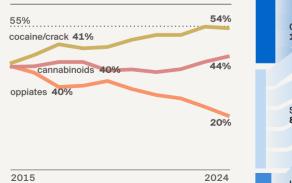


cocaine/crack cannabinoids

Primary substance among individuals at

Primary substance among inviduals

at first access and already in care



nvolving 52% of the individuals treated

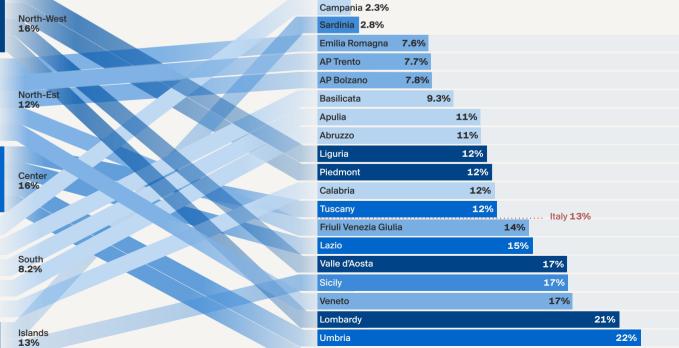
althcare 1.6 milioni (12%) involving 80% of the individuals treated

nvolving 72% of the individuals treated

involving 2.5% of the individuals treated

nvolving 73% of the individuals treated

Percentage of individuals at first access over the total treated by geografical area



Due to rounding of number the sum of the percentage values could be between 99.1% and 100.9% Source: Ministry of Interior - Department for general administration, personnel policies of the civil administration, and instrumental and financial resources - Office V

Territorial supply of addiction services during 2024

Rate of addiction services per 100,000 residents (15-74 years) and percentage individuals treated by substance

Cannabinoids Cocaine/Crack Heroin/other opiates



Individuals in care of outpatient SerD services during 2024

♦134,443 individuals treated

Rate individuals treated per 100,000 residents (15-74 years)

| Marche | <mark>36</mark> 0 | Friuli Venezia Giu | lia 261 | Liguria | 211 |
|---------------|-------------------|--------------------|----------------|------------|-----|
| Umbria | <mark>3</mark> 51 | Emilia Romagna | 247 | Veneto | 206 |
| Tuscany | 321 | Lombardy | 245 | Basilicata | 192 |
| Molise | 304 | Apulia | 237 | AP Trento | 159 |
| Piedmont | 296 | Sardinia | 217 | Calabria | 158 |
| Valle d'Aosta | 282 | Lazio | 216 | Campania | 146 |
| Abruzzo | 263 | AP Bolzano | 212 | Sicily | 130 |
| | | | | | |

Health implications

Infectious diseases

In 2024. HIV serological testing was performed on 36.385 individuals receiving treatment from public addiction services (SerD)¹ and 3.8% of them tested positive (1,376 cases). accounting for 27% and 1% of those in treatment, respectively. At the regional level, there were significant differences both in the rate of testing among patients in treatment and in the prevalence of HIV within this group. The proportion of individuals accessing the service and tested out of the overall number treated was, in fact, between values lower than or egual to 1%, recorded in Abruzzo, Sardinia, and the province of Bolzano, to values above 70%, recorded in Piedmont. No individuals accessing the service were tested in the region of Sicily or in the province of Trento. In the central, southern, and island regions, the percentage of HIV-positive users out of the total number of those in treatment is generally very low, remaining at or below 0.5%. In contrast, in the northern regions, the proportion of positive cases among individuals treated is higher, exceeding 2% in the north-western area and reaching 1.2% in the north-eastern area. The wide variability in the proportion of tested individuals is partly due to missing data issues upon registering this information within the IT systems. Considering only the individuals tested, the positivity rate reached 5% in north-western regions and remained below 2% in the southern regions. In 2024, as in 2023, the declining trend in HIV testing among people in treatment continued: 27% compared to the 30% average recorded over the previous five years. However, the percentage of positive cases among those tested has remained relatively stable, around 4%.

As to **Hepatitis B testing**, in 2024, this involved **36,735 individuals** treated from SerD, representing 27% of the total in treatment at SerDs. Of those, **643 tested positive**, corresponding to 0.5% of total patients in treatment and **1.8%** of

those tested. At the regional level, data slightly differed: the highest positivity rates among those tested were recorded in Sicily and Veneto, with values just below 5%, while the rates were lower in the southern regions. This inconsistency may reflect differences in testing criteria and in the recording of HBV vaccination status. Compared to 2023, there was a significant increase in the proportion of patients tested, rising from 23% to 27%, while the positivity rate remained quite stable since 2018, without any notable changes.

As to **Hepatitis C testing**, in 2024, this involved 28% of individuals in treatment (**37,064 people**). Of these, **14,077 were positive**, accounting for 12% of all patients and **38%** of those tested. As with hepatitis B, there was significant regional variability. The highest positivity rates among those tested were recorded in Umbria, Piedmont, Friuli Venezia Giulia, and Sicily, all exceeding 45%. Conversely, the lowest rates were observed in Tuscany (20%) and in Apulia, Calabria, and Basilicata, where the positivity rate hovers around 31%. Compared to 2023, the percentage of patients tested for HCV increased (from 24% to 28%), while the positivity rate decreased (from 40% in 2023), reaching the lowest level in the past seven years.

¹ Source: SIND Working Group: Ministry of Health – Directorate General for Digitalization, Health Information System and Statistics; Interregional Technical Group on Addictions – Health Commission of the Conference of Regions and Autonomous Provinces

Among injecting drug users (IDUs), the testing rate was higher, reaching approximately 37% for both HBV and HCV. When broken down by primary substance injected, 36% of heroin users were tested for HBV and 35% for HCV. Slightly lower percentages were observed among primary cocaine users (34% tested for HBV, 33% for HCV).

In 2023, the AIDS Operational Centre (COA) of the National Health Institute, ISS, recorded **2,349 new HIV diagnoses, 79 of which involved injecting drug users** (IDUs)², down from 97 in 2022. Most cases (87%) were male, and 23% were of foreign nationality.

At national level, the new cases of HIV among IDUs reported from 2014 to 2023 were 1,014. The proportion of HIV diagnoses attributed to IDUs declined from 3.7% in 2014 to 2.9% in 2017, then gradually increased again to 3.4% in 2023. However, such data might be somewhat inaccurate due to delays in notifications to COA from clinical centres and regional authorities.

Viewing these data by gender, the percentages of cases among men IDUs from 2014 to 2023, remained stable (80–85%), peaking at over 94% in 2019. Whereas, the new cases divided by nationality showed an increasing trend from a low of 10% in 2017 to a high of 29% in 2023.

As to distribution by age groups, new HIV diagnoses among IDUs were most frequent among individuals in the age groups 40–49 and 50–59, who together accounted for 62% of cases. Over the decade, incidence decreased among the 40–49

age group (from 36% in 2014 to 28% in 2023) but increased among 50–59-year-olds (from 18% to 24%) and those over 60 (from 2% to 8%). The **median age at diagnosis rose** from 40 in 2014 to 42 in 2023. Foreign nationals were diagnosed at a younger median age (38 years) than Italian nationals (45 years).

From 2014 to 2023, 30% of HIV-positive IDUs were tested due to HIV-related symptoms, 24% through therapeutic-rehabilitation services (SerD, therapeutic communities, prisons), and 10% due to reported risk behaviours (sexual or unspecified).

The proportion of IDUs receiving a late HIV diagnosis (defined as a CD4 lymphocyte count <350 cells/ μ L -an indicator of immunosuppression and disease progression) remains high. In 2023, 37% of HIV-positive IDUs had a CD4 count below 200 cells/ μ L at first diagnosis, and 60% were below the 350 cells/ μ L threshold, indicating advanced disease and immunodepression.

In 2023, among 532 **new AIDS** cases, **35** involved IDUs (6.6%). From 1982 to 2023, a total of 73,150 AIDS cases were reported to COA in Italy, nearly half (35,422) involving IDUs. The share of AIDS cases among IDUs has been declining since 1988.

The percentage of male IDUs with AIDS over the years has remained stable (79–81%), while the proportion of foreign nationals increased from 2% to 16% between 2022 and 2023.

Median age at diagnosis has also risen sharply, from 32

years before 2005 to 50–51 years in the past two years. In 2023, 66% of IDU-related AIDS diagnoses involved people aged 40–59, while 16% were over 60.

Regarding AIDS-defining illnesses upon diagnosis, 32% were fungal infections, 13% bacterial, and 11% viral. The most common conditions in IDU patients included Wasting Syndrome, cryptococcosis, cryptosporidiosis (increasing), *Pneumocystis pneumonia*, and pulmonary/esophageal candidiasis (decreasing).

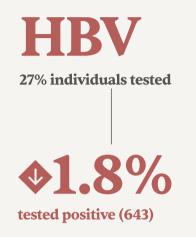
The number of individuals discovering their sero-positive status shortly before an AIDS diagnosis remains high: in the last two biennia, 48–49% of IDUs with AIDS were diagnosed with HIV less than six months earlier, compared to 9% in 1996.

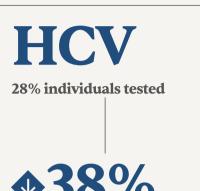
In reference to AIDS-related deaths among IDUs from 1983 to 2021, these have totalled 28,509, representing 60% of the 47,862 AIDS deaths in Italy. This share has steadily declined: from 68–69% in 1988–1992, to around 50% in 2004–2009, and 38–40% in 2017–2021 (the most recent year available). As of 2021, 6,682 IDUs with AIDS were still alive, accounting for 27% of the total AIDS cases in Italy (No.24,311).

² Source: National Institute of Health - Department of Infectious Diseases - AIDS Operational Centre (COA)

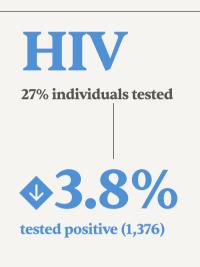
Rate of infective diseases among individuals treated by SerDs during 2024

individuals treated by SerDs

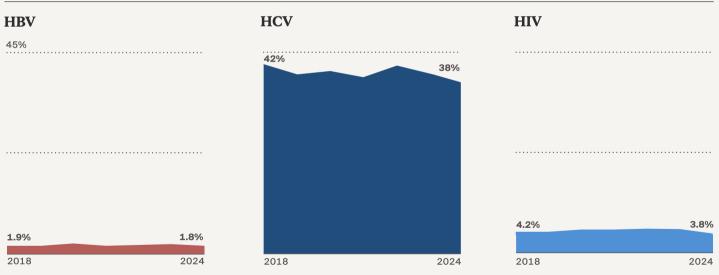




tested positive (14,077)



Temporal trend of positive outcome



Heroin IDUs (16,102)

of HCV-positive of HBV-positive individuals individuals

Cocaine IDUs (4,925)

of HBV-positive individuals

of HCV-positive individuals

HIV and AIDS among IDUs during 2023

New HIV diagnoses among IDUs

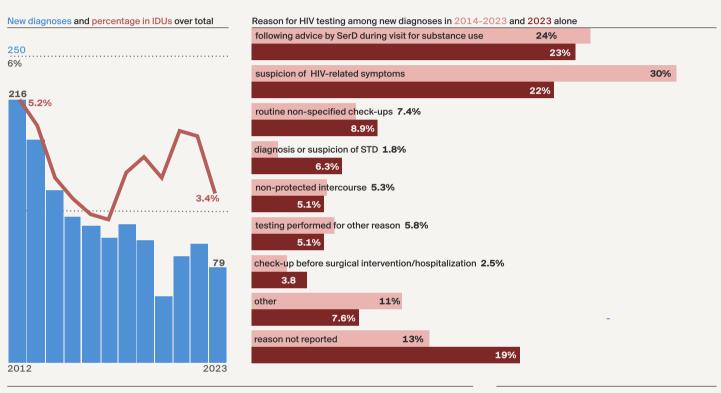
3.4% of new HIV diagnoses and percentage IDUs over total

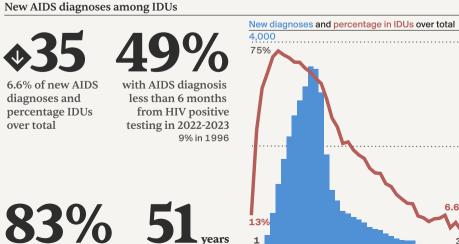
Longstanding non-diagnosed infection (CD4 lymphocyte count <350 cells/µL)

6.6%

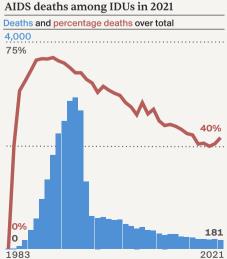
2023

median age





1983



Due to rounding of number the sum of the percentage values could be between 99.1% and 100.9% Source: National Institute of Health - Department of Infectious Diseases - AIDS Operational Centre (COA)

median age

Mortality

During 2024, the reported deaths from acute drug intoxication was of 231 (identified on a circumstantial basis by law enforcement authorities)3, a figure very similar to that recorded the previous year, when 227 cases were counted. Since 1973, a total of 27,207 deaths related to acute drug-related intoxication have been recorded. While in past decades—particularly up until the 1990s—the phenomenon reached very high peaks, from the 2000s onward a slow but steady decline has been observed.

In 2024, the majority of deaths (83%) involved male individuals, and 12% were foreign nationals. Looking at age groups, 34% of the deaths involved people aged 45 to 49, another 34% were between 25 and 44 years of age, and 27% were aged 50 or older. The youngest group, of individuals under 25, accounted for 5.6% of the deaths. A significant finding is the progressive increase in the average age of the deceased: over the past decade, the average age has risen from 39 to 42 years.

The mortality rate from acute drug intoxication in 2024 stands at about six deaths per million residents in the 15 to 64 age group. However, territorial differences are pronounced: the highest rates were recorded in the north-eastern and central regions (9-10 deaths per million), while the rate dropped to about 4 in southern regions.

As for the substances responsible for the lethal intoxication, in 2024 35% of deaths were attributed to opioids, particularly heroin, and another 35% to cocaine/crack -a percentage that has been steadily increasing over the years and reached its historical peak in 2024. 27% of deaths were linked to the use of unspecified substances.

Narrowing the focus on the deaths for which the causative substance was reported (161 cases), data evidence a significant trend reversal, with the main cause of fatal acute intoxications including cocaine/crack and no longer opioids alone. Indeed, in 2014 up to 87% of deaths with a specified substance were linked to opioids; by 2024, this percentage had dropped to 48%, while the same proportion (48%) was attributed to cocaine/crack, a figure that stood at just 13% in 2014. In the past year, 3% of deaths involving a known substance were attributed to the use of synthetic drugs (5 cases).

An essential source for understanding the impact of narcotic substances on mortality comes from forensic toxicological analyses, carried out on individuals who died due to violent causes or suspected drug intoxication and for whom a forensic toxicology investigation was ordered by the Judicial Authority. In 2024, of the 2.118 specific cases submitted to forensic toxicologists in 74 Italian provinces, 928 death records reported the presence of one or more narcotic and/or psychotropic substances⁴. 80% of these deaths involved male individuals, and 63% were aged between 31 and 60 years. In 31% of cases, the main cause of death determined by the forensic investigation was fatal acute intoxication, followed by road accidents (18%), organ damage (15%), suicide (11%), and accidental trauma (10%). with percentages remaining substantially stable over the past five years.

The substances most frequently detected in the deaths investigated included alcohol (45%), cocaine (32%), benzodiazepines (23%), psychotropic medications (14%), heroin (10%), methadone (13%), cannabinoids (11%), with no significant changes compared to previous years.

In cases of fatal acute intoxication (286 deaths), cocaine played a particularly prominent role, being involved in 48% of the cases – a figure that has increased in recent years - while **heroin** was involved in **24% of deaths**. Beyond the "traditional" classes of drugs, 2 cases in 2024 were attributable to new psychoactive substances: the synthetic cathinone MDPHP was involved in one death as the sole substance. and in another case alongside other cathinones (MDPV, MDPBP, MDPPP), benzodiazepines, and psychotropic drugs. Fentanyl was identified in two fatal acute intoxications and was involved in two cause of death: one in combination with alcohol, the other with benzodiazepines and psychotropic drugs. Oxycodone was involved in the cause of death in three cases: once as the sole substance, and twice in combination with alcohol and methadone.

In addition to fatal acute intoxications, organ damage-related deaths (138 cases) should also be included among drug-related deaths. These are cases compatible with the toxic effects of psychotropic substances on organs or systems, even if the substances involved were not present at lethal concentrations. In these deaths, the most frequently detected substance was alcohol (29%), followed by cocaine (26%), benzodiazepines (19%), psychotropic drugs (15%), and methadone (10%).

Overall, the total number of drug-related deaths was 424. Notably, in 44% of those analysed, the concurrent use of two or more drugs was detected. The most frequent combinations included cocaine-heroin (22%), cocaine-methadone (21%), alcohol-heroin (18%), alcohol-cocaine (17%), alcohol-methadone (14%), heroin-methadone, and benzodiazepinespsychotropic drugs (12%).

Finally, forensic toxicological analyses performed on road traffic accidents (166 cases) - 88% of whom were male - showed that alcohol was the most frequently detected substance (75%), followed by cannabinoids (21%), cocaine (18%), benzodiazepines (6%), and psychotropic drugs (2.4%).

An additional source of information on drug-related mortality is the **General Mortality Register** of Istat, which provides data on the underlying causes of death and the conditions that contributed to the fatal outcome. In 2022 (the most recent year available due to data collection and validation timelines), there were 360 deaths the initial cause of death being drug-related (+11% compared to 2021).

This figure corresponds to 0.5 deaths per 1,000 out of the 721,974 total deaths that occurred in Italy that year^{5.} Most of the deaths concerned males (84%), and 9% were foreign nationals.

At the national level, the drug-related mortality rate was 5.8 deaths per million inhabitants, with notable geographic variation: the lowest rate was observed in the southern regions

⁵ Source: ISTAT - Central Directorate for Social and Welfare Statistics - Integrated Health, Care and Welfare System Service

³ Source: Ministry of Interior - Central Direction for Antidrug Services - DCSA

⁴ Source: Forensic Toxicologies - Scientific Association of the Italian Group of Forensic Toxicologists

(3.8 per million), and the highest in the north-eastern and central regions (7 per million). In the last two years, this rate has returned to the levels seen in 2008–2009, interrupting a long period of decline. The gender gap remains significant: in 2022, the male mortality rate was 9.7 deaths per million, compared to 1.9 per million for females.

A noteworthy trend is the **increasing average age of the deceased**. In 2022, over half of the deaths (56%) occurred among individuals aged 45–64, a percentage that has steadily grown over time: it was just 10% in 2004 and 31% in 2014. The average age of individuals who died from drug-related causes rose from 36 years in 2004 to 46 years in 2022. This trend is seen in both genders: among men, the average age increased from 36 to 46, and from 34 to 48 among women.

In 77% of cases, the initial cause of death was attributed to the use of multiple or unknown psychoactive substances; opioids accounted for 16%, a percentage that has fluctuated between 10% and 16% since 2015. The remaining 7% involved the use of other drugs (excluding opioids), with no significant changes since 2018.

If all **conditions listed on death records** (i.e., multiple causes, not just the initial cause) are considered, the total number of drug-related deaths rises to **877**, an increase of 7% compared to 2021. Again, 84% of the deceased were male, and 6.5% were foreign nationals.

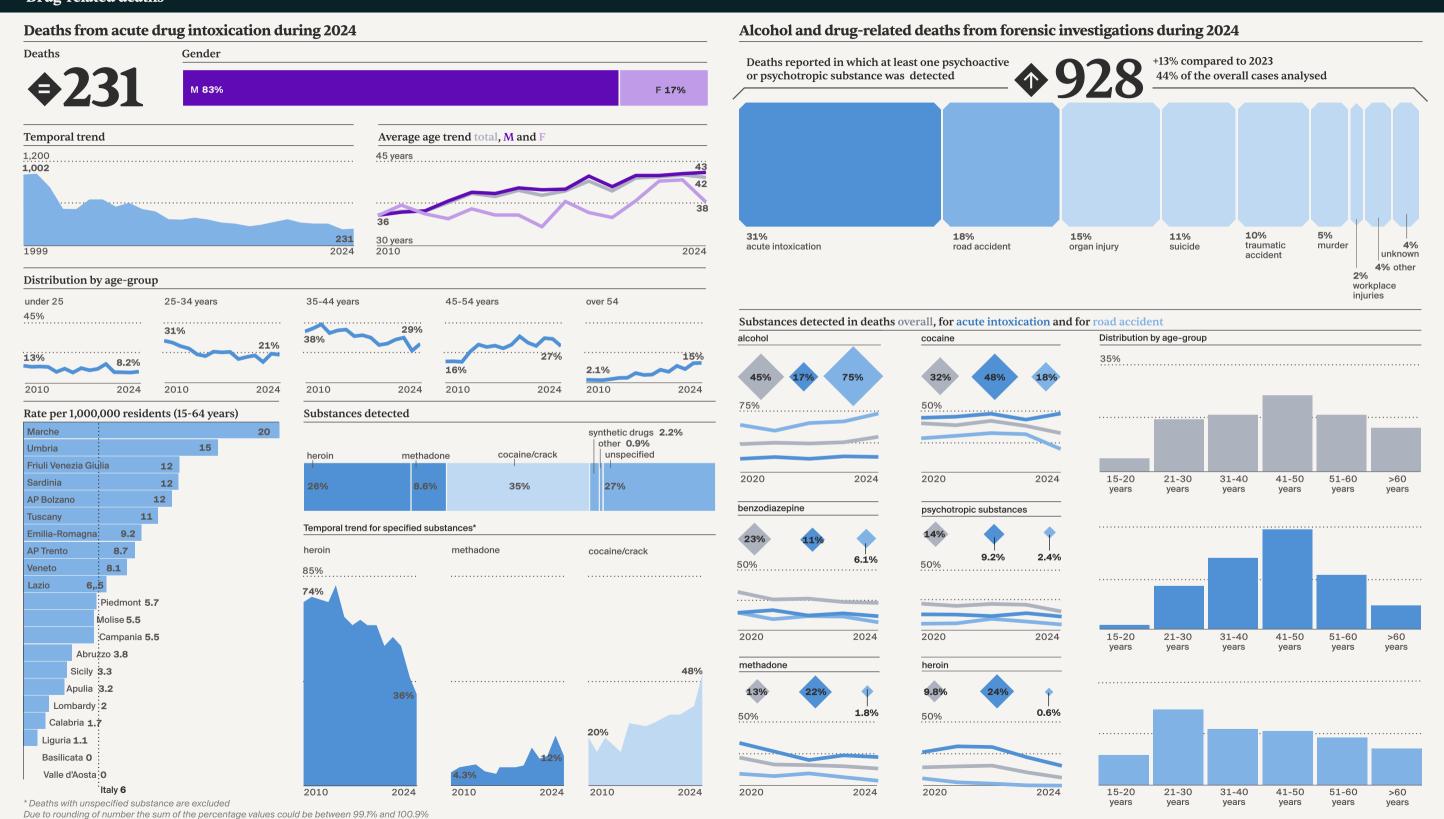
The mortality rate based on multiple causes has shown a steady increase over time: between 2010 and 2016, it ranged from 7 to 8 deaths per million residents, but in subsequent years it gradually increased, reaching 14 deaths per million in 2022.

This rise is primarily due to an increase in the male mortality rate, which went from 13 to 23 deaths per million residents between 2009 and 2022. This phenomenon also shows territorial variation: in 2022, the lowest rates were recorded in the southern regions (11 per million), and the highest in the north-eastern and island regions (15 per million).

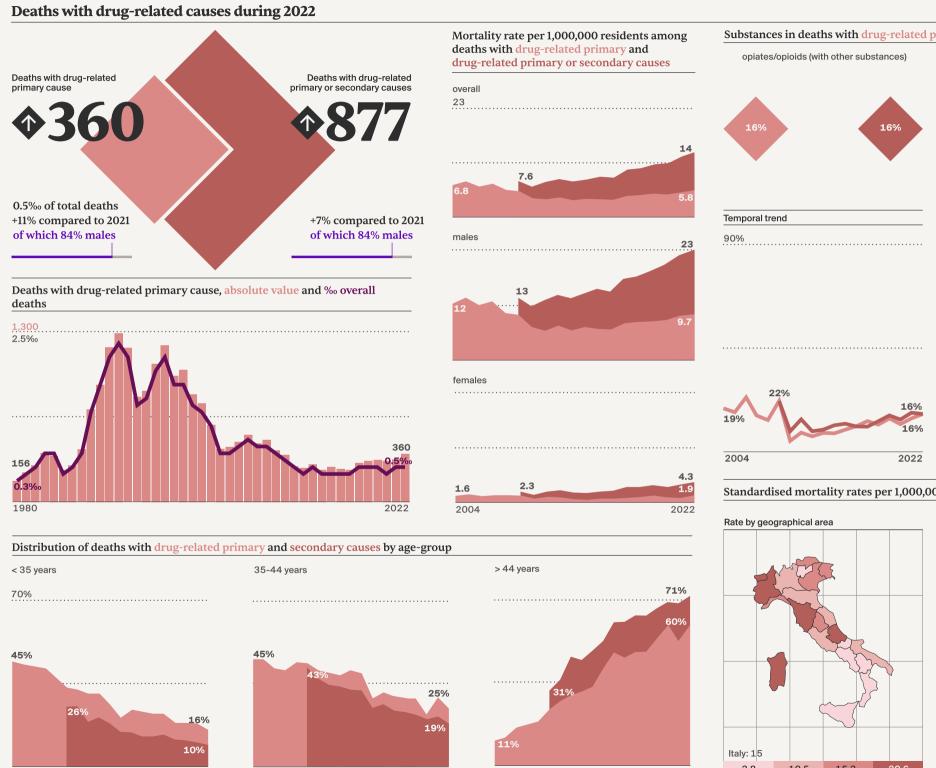
Among drug-related deaths with multiple causes, the 45–64 age group remains the most affected, accounting for 64% of all deaths, compared to just 30% in 2009. There is also an increase in the share of drug-related deaths among individuals over 64 years old: from 1% in 2009 to 9% in 2022. Conversely, deaths among younger individuals have declined: from 2009 to 2022, the share of drug-related deaths among 25–44-year-olds fell from 62% to 27%, and among 15–24-year-olds, from 7% to 2%.

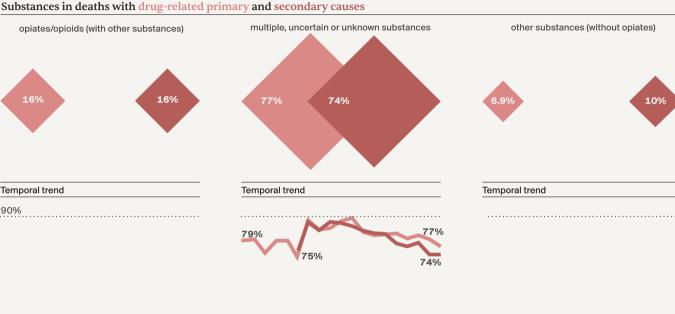
The ratio between multiple causes and initial cause increases with age: considering the total deaths from 2020 to 2022, among 45–54-year-olds and 55–64-year-olds, drug-related deaths with multiple causes were three and four times higher, respectively, than those with a directly drug-related initial cause.

Source: Ministry of Interior – Central Direction for Antidrug Services (DCSA)



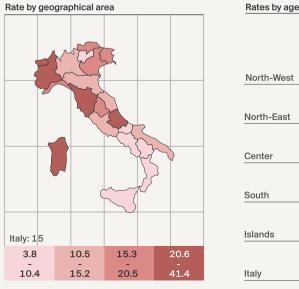


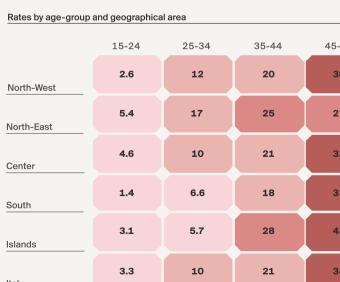






Standardised mortality rates per 1,000,000 residents, multiple drug-related causes





Violations and crimes

Violations and road accidents

In 2023, there were **219,616** recorded **road accidents involving injuries**¹, showing a slight increase of 1% compared to the previous year. Among the contributing factors, there was a rise in accidents related to altered psychophysical conditions: specifically, accidents due to driving under the influence of drugs, which accounted for 0.1 per 100 road accidents in 2001, rose to 1.3 in 2023. Those linked to drunk driving also increased, from 1.2 to 4.0 per 100 accidents. These figures should also be interpreted in light of new regulations and traffic safety enforcement tools.

A comprehensive picture on causes of accidents can be drawn from data on traffic violations issued by the State Police and the Carabinieri, as well as those reported by the Italian Automobile Club (*Automobile Club d'Italia*, ACI) through the Municipal Police Departments of provincial capitals. In 2023, law enforcement issued a total of **4,309 violations for driving under the influence of drugs** (art.187 of the Highway Code) and **39,046 for driving under the influence of alcohol** (art.186 of the Highway Code). Together, these account for 0.5% of all behavioural traffic violations recorded during the year—a percentage that has remained essentially stable throughout the 2014–2023 decade.

According to data from the State Police, the greatest number of fines for driving under altered psychophysical conditions were issued to young drivers: in 2023, approximately 45% were for drunk driving violations and 45% for driving under the influence of drugs and involved individuals aged 18 to 32. Moreover, most violations occurred at night, between 10 p.m. and 6 a.m.: 78% of drunk driving violations and 50% of drug driving violations were issued during this time frame.

As for accidents directly attributable to altered psychophysical conditions, in 2023, the Carabinieri and State Police—who record about one-third of all injury-related road accidents—reported 1,813 accidents where at least one driver was under the influence of drugs, and 4,787 under the influence of alcohol, out of a total of 56,075 accidents. Overall, 3.2% of the accidents recorded by these authorities were drug-related, while 8.5% were alcohol-related. These percentages were stable and slightly lower, respectively, compared to 2022 (3.2% and 9.2%).

It's important to note that such figures may underestimate the phenomenon. Carabinieri and State Police respond to about 70% of accidents on non-urban roads and only around 20% of those in urban areas. However, data provided by the Carabinieri show that the highest number of alcoholand drug-related accidents have occurred in urban areas, suggesting that the true impact of these factors may be even greater.

An important source of data for analysing road accidents related to psychoactive and narcotic substance use is represented by the **chemical-toxicological analyses conducted**

¹ Source: ISTAT - Central Directorate for Social Statistics and Welfare - Integrated System for Health, Assistance and Social Security Service



by Forensic Toxicology units² following interventions pursuant to articles 186, 186-bis, and 187 of the Highway **Code** represent. These analyses are performed on whole blood samples taken from individuals admitted to the emergency room after road accidents or traffic stops, as well as from individuals who died as a result of road accidents. Positive results, indicating driving under the influence of alcohol and/or narcotic substances, are based on the identification of ethanol and/or the active ingredient (or its active metabolites) present in the blood samples.

In 2024, Forensic Toxicology units conducted 12,463 tests, 206 of which were related to fatalities from road accidents. In approximately 28% of the tests (92% involving individuals in road accidents), the presence of alcohol and/or one or more narcotic or psychoactive substances was found. Males accounted for 83% of positive toxicology cases; the age group most affected was between 21 and 50 years of age, representing 65% of the analysed cases.

Looking at the overall results from tests conducted under articles 186, 186-bis, and 187 of the Highway Code, the most commonly detected substances, in descending order, were: alcohol (20%), cannabinoids (6.1%), cocaine (4.3%), benzodiazepines (2.7%), while psychiatric medications, methadone, and ketamine (less than 1% each), heroin and MDMA (each below 0.5%).

Analyses of the 206 fatal road accident cases received by Forensic Toxicology units (88% male) found alcohol and/or other substances in 52% of cases. Alcohol was the most frequently detected substance, either alone or in combination with others, accounting for 39% of cases. This was followed by cannabinoids (12%), cocaine (9.2%),

benzodiazepines (2.9%), psychiatric drugs (2.4%), MDMA, heroin, methadone, and fentanyl were each found in approximately 0.5% of cases. It should be noted that in the case of fentanyl, it was not always possible to rule out a medical (iatrogenic) origin.

Overall, alcohol was found in over 20% of the tests, either alone or in combination with other substances—a figure that may be underestimated due to the delay (typically more than 2 hours) between the accident, arrival at the ER, and blood sampling. Blood alcohol levels, similar in both roadside controls and accident-related tests, showed that over 15% of tested drivers exceeded the legal limit of 0.8 g/L. In fatal road accident cases, drivers showed particularly high blood alcohol levels, with 17% exceeding 1.5 g/L.

Additionally, in 2.1% of the tests on drivers' blood samples, two or more narcotic substances and/or medications were detected. The most common combinations were cocaine and cannabinoids (31%), cocaine and benzodiazepines (13%), cannabinoids and benzodiazepines (11%), benzodiazepines and psychiatric medications (10%), methadone and benzodiazepines (7.6%), heroin and methadone (6.7%), cocaine and heroin (5.1%).

Combinations of alcohol with other substances were also common, as identified in 6.1% of tests. the most frequent combinations were alcohol with cannabinoids (10%), alcohol with cocaine (9.1%), alcohol with benzodiazepines (4.4%). Positivity for cannabis and cocaine was found in 6.1% and 4.3% of general tests, and in 12% and 9% of death cases. respectively. The frequent detection of combinations of two or more substances in these cases increases the risk of fatal road accidents.

Administrative violations and drug-related crimes

In 2024, a total of 35,572 reports of possession of narcotic or psychotropic substances for personal use (in violation of Presidential Decree-DPR No.309/1990, art.75) were received by the Drug Addiction Operational Units (Nuclei Operativi Tossicodipendenze, NOT) of the Prefectures -Government Territorial Offices and entered into the information system of the Ministry of the Interior³. An additional 1,388 reports referred to individuals residing abroad, for a total of 36.960 reports⁴.

Following a steady increase between 2014 and 2019, the number of reports has progressively decreased, stabilizing below 42,000 over the last four years. However, these figures are subject to ongoing updates due to the continuous entry of new reports by the Prefectures.

The reports involved 34,214 individuals, 1,276 of whom reside abroad. Of the 32,938 individuals residing in Italy, 36% live in the northern regions, 30% in the central regions. and 34% in the southern and island regions. The vast majority of those reported are male (93%), and 17% are foreign nationals, a proportion that has been increasing in recent years. 38% of the reported individuals are aged 18–24, 16% are 25-29, 18% are 30-39, and 17% are 40 or older, 11% are minors, with a higher representation among females (14%). From 2009 to 2013, the percentage of minors reported did not exceed 10%, remaining around 10-11% in subsequent years. In 2024, there were 74 reports per 100,000 residents aged 15-74, rising to 193 per 100,000 among minors aged 15-17.

The most frequently reported substance was cannabis and its derivatives, involving 77% of cases, with higher percentages among minors (98%) and foreign nationals (82%). This was followed by cocaine/crack (18%) and heroin/opioids (3%), while other substances accounted for just over 1%. Since 2010, reports for personal possession of heroin and other opioids steadily declined, from 11% to 3% in the past two years. In contrast, those for cocaine and crack increased from 15% to 18-20% in the 2020-2024 period. Reports for cannabinoids have remained stable between 76% and 80% since 2014, the year Law No.79/2014 came into force, with an exception during the COVID-19 pandemic (2020-2021).

Since 2011, reports for possession of cannabinoids to minors have remained between 95% and 98%, while those for cocaine/crack remain around 2%. Reports for heroin and opioids dropped from 3% in 2010 to less than 1% since 2016.

In 2024, of the 19,764 interviews conducted by social workers from the Prefectures' Drug Addiction Operational Units (NOT), 64% ended with a formal warning issued by the Prefect, advising against further drug use-this measure is typically applied to minor infractions and first-time offenses. In 34% of cases, this resulted in administrative sanctions such as suspension of a driver's license or passport. In the remaining 2%, it resulted in the invitation to attend a therapeutic and social rehabilitation program through public or accredited private addiction services. 17% of the proceedings concluded with administrative sanctions for failure to attend the interview.



²Source: Forensic Toxicology Units - Scientific Association of the Italian Group of Forensic Toxicologists

³ Source: Ministry of the Interior - Department for General Administration, Personnel Policies of the Civil Administration, and Instrumental and Financial Resources - Offices II and V

⁴ Data updated as of February 25th, 2025

Also in 2024, Prefects forwarded 3,791 reports to local Addiction Services (SerD) under article 121 of DPR No.309/1990, concerning the use of narcotic or psychotropic substances. In such cases, the services are required to summon the reported person to assess whether a therapeutic and socio-rehabilitative program is appropriate.

were 1,202 cases involving minors, accounting for 4.3% of the total, with a rate of 52 reports per 100,000 residents aged 14–17; of these, 2.6% were 14 years old, the minimum age for criminal responsibility.

The vast majority of reports (91%) were for the offense of

drug trafficking, production, and illegal possession (art.73), while the remaining 9% concerned drug trafficking-related criminal association (art.74)—a distribution that has remained stable over the last twenty years.

indicating a gradual aging of those reported. In 2024, there

When analysing the substances involved, **cocaine/crack** accounted for **52% of the offences**, followed by **cannabis and its derivatives** (**37%**). **Heroin and other opioids** were involved in **4%** of cases, while synthetic and other drugs accounted for approximately 2% and 5%, respectively.

Focusing on reports for possession and dealing (art.73), reports for cocaine/crack offenses have steadily increased, reaching 49% in 2024—the highest figure ever recorded—after dropping from 36% to 29% between 2004 and 2014. Conversely, reports related to cannabis and its derivatives, which made up 41% of reports, have declined after a decadelong increase (from 38% to 54% between 2007 and 2017). A notable decrease was also observed in heroin/opioid-related reports, which dropped from 20% in 2004 to 4% in 2024, while reports concerning synthetic substances remained marginal, below 3%.

In 2024, 27,989 individuals were reported to the Judicial Authority for crime committed in violation of DPR No.309/1990. This figure remained stable compared to the previous year and shows a slight rebound following a decline that began in 2018. However, this data is subject to ongoing updates, even years after the reference date⁵.

Reports are concentrated unevenly across the Country: of these 33% occurred in the southern and island regions, 25% in central regions, 27% in the northwest, and 14% in the northeast, with an overall rate of 63 reports per 100,000 residents aged 15–74.

Of those reported, 93% were male and 39% were of foreign nationality. As to age groups, 7% were aged 18–19, 36% were between 20–29, 25% were between 30–39, another 25% were aged 40–59, and 3% were over 60. Noteworthy is shift in age distribution: since 2005, the percentage of individuals aged 20–34 has decreased from 60% to 50%, while that of individuals aged 40–59 has increased from 16% to 25%,

As for offenses related to drug trafficking criminal associations (art.74), 79% of the 2024 reports involved cocaine/crack, a steady rise from 49% in 2004. Conversely, reports for heroin/opioid trafficking associations fell from 33% to 5.3%. The cannabis market followed a similar pattern, increasing from 35% in 2004 to a peak of 54% in 2017, then declining to 41% in 2024. Reports involving synthetic substances have remained around 1–2% annually.

More specifically, in 2024, there were 14,507 reports for cocaine/crack-related offenses, an 8.2% increase from the previous year. Of these, 86% were for possession and dealing offenses (art.73); 92% of those reported were male, 41% were of foreign origin, and 61% were aged 20–39.

There were 1,194 reports for **heroin/opioid-related offenses**, marking a **39% decrease** compared to 2023. In this category, 88% of the reports concerned possession and dealing. Of those reported, 92% were male, 52% were of foreign origin, and the most affected age groups were 25–34 (38%), 35–44 (25%), and over 45 (21%).

In 2024, there were 10,460 reports related to cannabis, of which 73% were for hashish (7,619 cases), 22% for marijuana (2,336 cases), and 4.8% for cannabis plant cultivation. Almost all reports (99%) were for possession and dealing offenses (art.73). In these cases, 95% of individuals reported were male, and 30% were of foreign origin. Unlike reports for cocaine and heroin/opioids, cannabis-related reports involved 44% of individuals under 24 years of age, 28% aged 25–34, and 8% were minors.

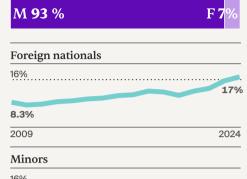
Finally, in 2024 there were 473 reports for offenses related to synthetic substances, marking a 27% increase compared to 2023. The most affected age groups were 18–29-year-olds (46%) and 30–39-year-olds (25%), while only 1% of those reported were minors.

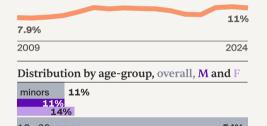
⁵ Source: Ministry of the Interior – Central Directorate for Antidrug Services – DCSA

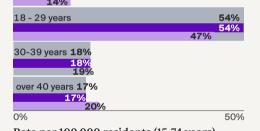
Drug-related violations and crimes during 2024

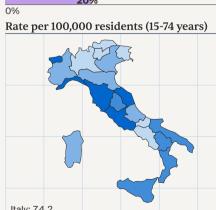
Reports of psychotropic substance possession for personal use (art. 75 DPR No.309/1990)

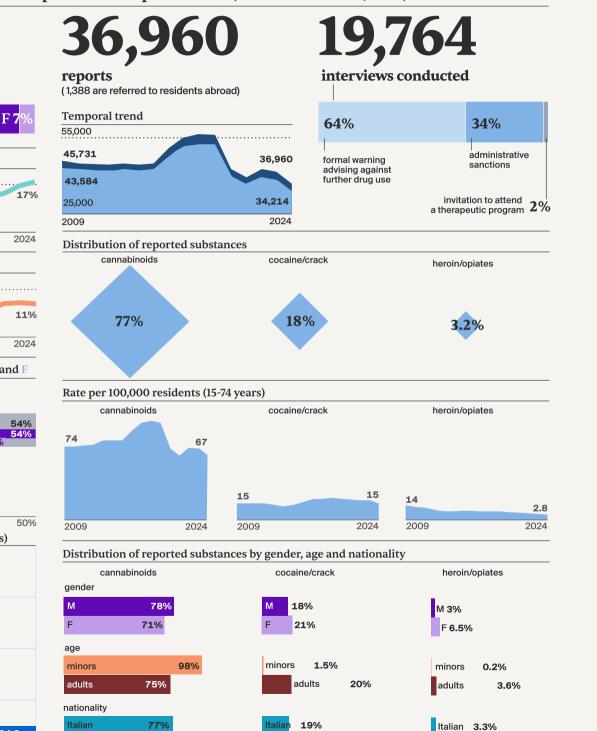
(1,276 are residents abroad)





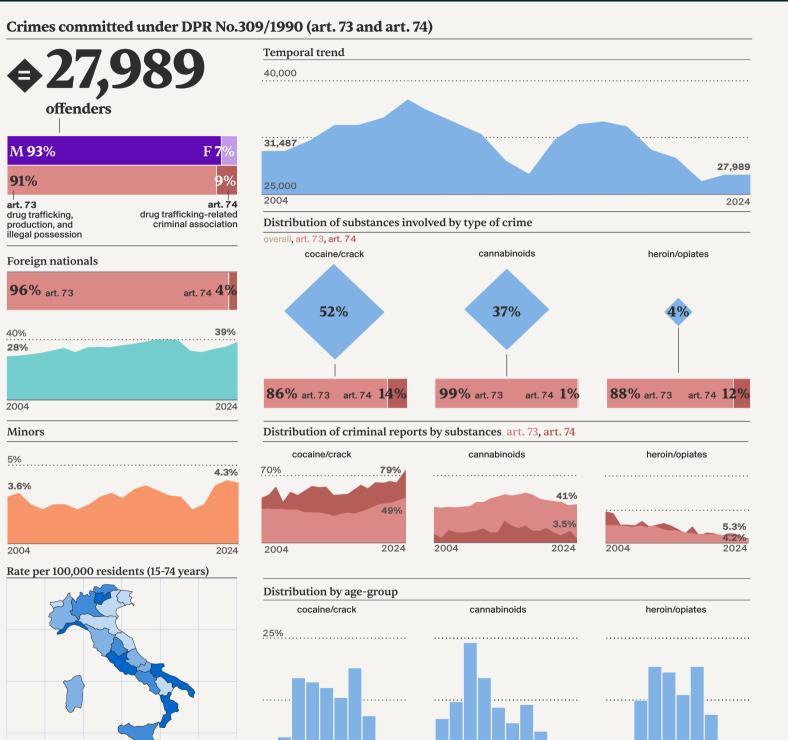






Source: Ministry of Interior - Department for general administration, personnel policies of the civil administration, and instrumental and financial resources - Offices II and V

foreign 2.7%



Pending criminal proceedings for drug-related crimes



\$210,042

pending criminal proceedings



Distribution by age-group

Final convictions for drug-related crimes

convicted

convicted during

nationality Italian and foreign Foreign nationals

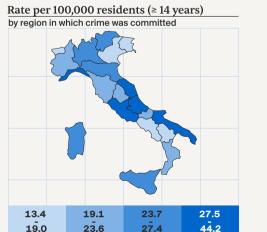
individuals with pending criminal proceedings

Convicted in 2024 by year of crime



Convicted in 2000-2024 by year of crime





Violations and road accidents for driving under altered psychophysical conditions during 2023

Road accidents over the total accidents involving 1 or 2 vehicles

♦1.3% ♦0.5% ♦0.05%

art. 186 of Highway Code

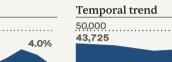
Temporal trend

driving under the influence

driving under the influence

2016 law on road

art. 187 of Highway Code



of alcohol

art. 186 of Highway Code

driving under the influence

Percentage of fines issued over the total fines for violation of road

of drugs

art. 187 of Highway Code

driving under the influence

Chemical and toxicology tests by forensic toxicology units at ER after road accidents, or roadside (ex artt.186, 186bis and 187 of Highway Code) Positive cases (presence of alcohol/other psychoactive substances)

Chemical-toxicological analyses (in 63 provinces)

control and in fatal road accidents

2003 highway points-based speed metres

driving license

fatal road accident cases

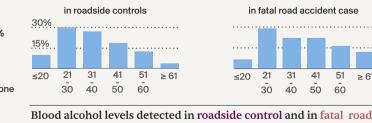
92% involving in road accidents Distribution by main substance classes detected in roadside

12%

2.4%

psychotropic substances

Distribution of positive cases by age-grou



in fatal road accident case

in fatal road accident case

0.10-0.49 g/lt **2.4% ◆ 9%** 0.50-0.79 g/lt **2.3% ◆──◆ 5%** 6.4% •—• 8%

Sources: ISTAT - Central Directorate for Social Statistics and Welfare - Integrated System for Health, Assistance and Social Security Service; Forensic Toxicology Units - Scientific Association of the Italian Group of Forensic Toxicologists

Source: Ministry of Interior – Central Directorate for Antidrug Services (DCSA)

14 18 20 25 30 35 40 50 60 70+

17 19 24 29 34 39 49 59 69

Source: Ministry of Justice - Department of Justice Affairs - Directorate General for Internal Affairs

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Consequences of drug-related offenses

As of December 31, 2024, the Italian judicial system recorded 76.782 pending criminal proceedings against known individuals for the offense of illicit production, trafficking, and possession of narcotic substances (article 73), involving **162.828 individuals.** There were also **4.664 proceedings** for the offense of criminal association for drug trafficking (article **74**), involving **46,972 individuals**⁶. In addition, there were 122 proceedings for violations of article 79 concerning the facilitation of drug use, and 27 proceedings for violations of article 82 relating to incitement, proselytism, and inducement to commit drug offenses by minors. Overall, as of December 31, 2024, there were 81,595 pending criminal proceedings involving 210,042 individuals.

Each proceeding under article 73 involves, on average, just over two individuals, while proceedings under article 74 involve an average of over ten individuals-a ratio that has remained consistent over time.

Of the pending criminal proceedings for the offense of illicit production, trafficking, and possession of narcotic substances (article 73), 8.4% involve minors. In comparison, for criminal association for drug trafficking (article 74), the percentage drops to 2.1%. In terms of individuals, minors make up 5% of those charged under article 73, versus just 0.4% under article 74.

Since 2020, the total number of pending criminal proceedings has been gradually decreasing, mainly due to the reduction in proceedings related to offenses under article 73 of Presidential Decree No. 309/1990, which saw a 6.3% decline in 2023. Proceedings under aticle 74, however, have remained largely stable.

As for the stage of the proceedings, 33% of article 73 cases and 50% of article 74 cases are in the preliminary investigation phase, while 49% and 35%, respectively, are in the first instance trial phase, involving 88% and 93% of the individuals concerned.

Finally, geographical analysis shows that, as of December 31, 2024, 39% of proceedings under article 73 were pending in the judicial offices of northern Italy, particularly in Lombardy, Veneto, and Emilia-Romagna. In contrast, 42% of article 74 proceedings were concentrated in the southern regions, especially in Campania, Apulia, and Calabria.

In 2024, the number of people definitively convicted for violations of articles 73 and/or 74 of Presidential Decree No.309/1990 reached **14,972 individuals**, representing approximately 12% of the people convicted recorded in the Judicial Records information system⁷, confirming these offenses among the most frequent convictions in the last five years. In recent years, a decreasing trend has been observed, although the data are influenced by the continuous updating of the information system and may not provide a completely accurate picture of reality.

The majority of those convicted for drug-related crimes are male, accounting for 93% of the total. Regarding age distribution, 28% committed the offense between the ages of 18 and 24, 33% are in the 25-34 age group, 32% between 35 and 54 years old, while 5% are 55 years or older. Among males, 62% are between 18 and 34 years old, while among females the situation appears more balanced: 46% committed the offense between 18 and 34 years, whereas 53% did so at an older age.

Minors who received a final conviction for offenses related to the narcotics law (Presidential Decree No. 309/1990) during 2024 totalled **286**, equal to 2% of all those convicted for these offenses. Over the past five years, this percentage has shown a slight increase: it was 1.4% in the 2020-2021 period. The increase was more marked among Italian minors, whose incidence rose from 1.4% to 2.4%, while among foreign minors it remained substantially unchanged, moving from 1.3% to 1.5%.

Analysing the foreign component among the individuals convicted, a slight increase was recorded in 2024, reaching about 42% compared to 40-41% in previous years. The majority of convicted foreigners come from the African continent (68%), particularly Morocco and Tunisia, followed by people from Central-Eastern Europe, with Albania being the most represented country of origin. This trend has remained stable over the last five years.

In 2024, 98% of final convictions concerned exclusively the offense of production, trafficking, and possession of narcotic substances (article 73), while the remaining share related to the offense of criminal association for drug trafficking (article 74). No sentences were issued for violations involving both articles jointly. This trend has remained stable over the past five years, without significant changes.

Between 2020 and 2024, about 28% of people definitively convicted for drug-related offenses were repeat offenders. The phenomenon is more frequent among Italians, with a rate of 29%, compared to foreigners, whose recidivism rate stands at 26%.

Most final convictions were issued on appeal. Looking at the distribution by judicial authority, 35% of sentences were issued at first instance by the courts, 36% by Judges for Preliminary Investigations (Giudice per le Indagini Preliminari. GIP) and Preliminary Hearing Judges (Giudice per le Udienze Preliminari, GUP), while the remaining 29% were decided by the Courts of Appeal.

Finally, convictions issued between 2020 and 2024 concerned offenses committed starting from 1995, and on average, each convicted person committed two offenses in the same year. Over the years, there has been a lengthening of the time between the date of the offense and the final conviction sentence; in the last two years, for most drug-related offenses, the latency period is around three years, compared to two years in the previous two-year period.

As of December 31, 2024, there were 21,083 detainees in Italian penitentiary institutions incarcerated for drug-related crimes established by DPR n.309/1990, accounting for 34% of the total prison population, a percentage that has remained stable since 20148. Of these, 63% convicted under DPR No.309/1990 committed offenses referred to in article 73 concerning the production, trafficking, and illegal possession of narcotic or psychotropic substances; 4.7% for the offense of association aimed at drug trafficking (article 74); and the remaining 32% for violations of both articles.

Analysing the trend over time, the percentage of detainees under article 73 (not in association with other offenses under DPR No. 309/1990), compared to the total number of inmates incarcerated for offenses against the drug laws, progressively decreased from 78% in 2008 to 65% in 2020, then stabilized around 63% over the last four years. At the same time, the percentage of inmates under Article 74 (not in association with other offenses under DPR No. 309/1990) remained around 3% until 2013, rising to about 5% in subsequent years.

⁸ Source: Ministry of Justice - Department of Penitentiary Administration

⁶ Source: Ministry of Justice - Department of Justice Affairs - Directorate General for Internal Affairs - Office I

⁷ Source: Ministry of Justice - Department of Justice Affairs - Directorate General for Internal Affairs - Office III

An increasing trend is observed among those who violated both articles: over the last five years, this share has remained between 30% and 32%, after gradually increasing from 19% in 2008 to 27% in 2018.

Overall, detainees incarcerated as of December 31, 2024, for offenses related to article 73 (alone or combined with article 74) totalled 20,086, about 33% of the total prison population at that date. Since the entry into force of Law No.79 in 2014, the share of inmates under article 73 (alone or in combination with article 74) has remained stable between 32% and 33% of the total prison population, compared to 37-40% in previous years.

Thirty percent of the 20,086 inmates under article 73 were of foreign nationality, a proportion that has steadily declined since 2007-2009, when it stood at 48%. Almost half (48%) of inmates under article 73 were held in penitentiary institutions in the southern and island regions, while 31% are in the northern regions and 21% in the central regions. A different picture emerges when focusing on foreign nationals incarcerated for violation of article 73: the majority are held in prisons in the northern regions (57%), while 26% are in central regions and 17% in southern and island regions. This suggests that foreign criminal organizations are more active in the retail sale of narcotics in northern regions, while indigenous organizations prevail in the southern regions and islands.

During 2024, 11,220 people entered detention for offenses related to article 73 (5,811 entries in the first six months and 5,409 in the second semester), corresponding to 26% of total entries from freedom during the year. Between 2017 and 2020, this percentage was between 30% and 31%, but a slight decreasing trend has been observed in recent years. Of the total entries for violation of article 73, 42% were of foreign nationality, a percentage that has remained stable since 2021. Between 2012 and 2020, this value fluctuated between 45% and 48%.

In 2024, minors and young adults aged 14-24 (until 25th birthday) followed by the Juvenile Social Service Offices (USSM) for drug-related offenses totalled 3,757°, accounting for 17% of the 22,212 total cases under care. Of these, 96% were male, 20% of foreign nationality, and 28% were being followed by Juvenile Social Services for the first time. The percentage of young people under Juvenile Social Services for drug-related offenses increased from 17% to 20% between 2013 and 2020, then gradually declined over the last four years. The percentage of foreign youths involved also fluctuated, ranging between 14-16% from 2013 to 2020 and reaching 20% in 2024.

As in previous years, **about 98%** of juvenile offenders under care for drug-related crimes were charged solely with production, trafficking, and possession (**article 73**); **0.4%** were charged with the more serious offense of association aimed at illegal trafficking (**article 74**); and **1.2%** with **both offenses**—percentages that have remained substantially stable over the last five years. The remaining 0.05% relates to other related offenses.

In 2024, the share of young people aged 14-24 subjected to **community/alternative penal measures to detention** for drug-related offenses was 17% (**108 cases** out of 640 total cases), reaching the highest value since 2013. Nearly all were male, 22% were foreign nationals, and 10% were minors.

In 2024, **205 minors and young adults** were placed **in Juvenile Penal Institutions** for crimes falling under drugrelated laws, accounting for 16% of total admissions (1,258 cases). After the 2020-2022 period, when this percentage was around 13%, an increasing trend has been observed over the last two years. All admissions were male; 32% involved foreign nationals, and 70% were minors.

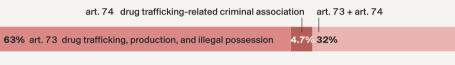
In 2024, **437 minors and young adults** were placed **in therapeutic communities** for having carried out drug-related crimes, representing 22% of the year's placements (2,011 cases), returning to pre-pandemic levels. Most were male (98%) and 28% were foreign nationals; 74% were aged 16 to 17, and 16% were between 14 and 16 years old.

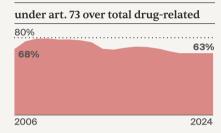
A significant datum concerns the 1,260 young people followed by Juvenile Social Services under suspension of proceedings and probation measures (MAP), issued in 2024 or still active from previous years for offenses related to drug laws. This group represents 19% of all minors involved in MAP measures (6,708 cases), marking a steady decline since 2018, when the percentage was 28%. In this group as well, nearly all young people involved are male (96%), 15% are foreign nationals, and 44% are minors.

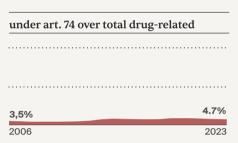
⁹ Source: Ministry of Justice – Department for Juvenile and Community Justice

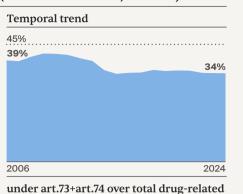
Detainees for drug-related crimes committed under DPR No.309/1990 (art. 73 and art. 74) on Dec, 31st

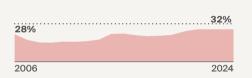
Detainees for drug-related crimes of the total prison population







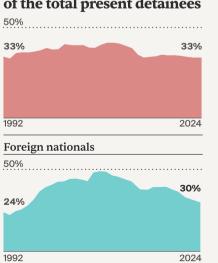




Detainees for crimes committed under art. 73 DPR No.309/1990

detainees under art. 73 present on 31 December

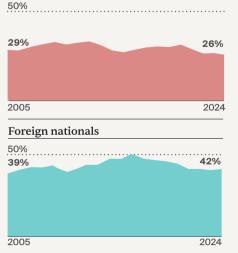
of the total present detainees





entrances from freedom in violation art. 73

of the total entrances



Minors and youth aged 14-24 (until 25th birthday) in the penitentiary system under DPR No.309/1990

for drug-related crimes

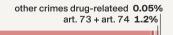
individuals followed by the juvenile social service offices

98% art. 73 drug trafficking, production, and illegal possession

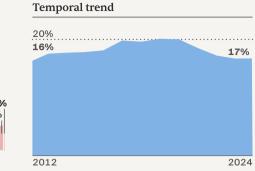
17%

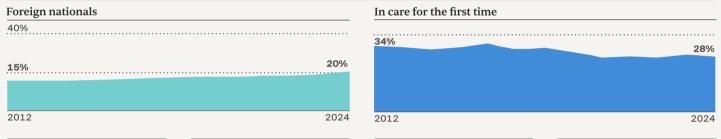
2024

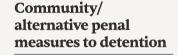
of total individuals under care











17% over total

Distribution by age-group

2015

Suspension of proceedings and probation measures

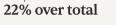
19% over total

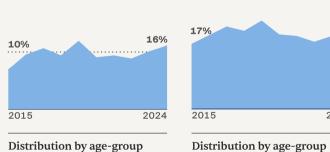
Distribution by age-group

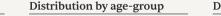


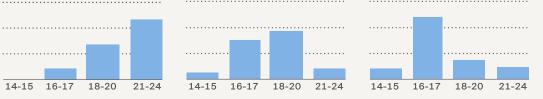
16% over total



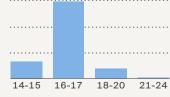








2024



2024

Due to rounding of number the sum of the percentage values could be between 99.1% and 100.9% Source: Ministry of Justice - Department for Juvenile and Community Justice

2015

Due to rounding of number the sum of the percentage values could be between 99.1% and 100.9% Source: Ministry of Justice - Department of Penitentiary Administration

Drug-related violations during 2024 Percentage over the total **♦36,960** Reports Cannabinoids Cocaine/Crack Heroin/other opiates Drug-related crimes during 2024 Percentage over the total **♦27,989** Offences

Acknowledgements

We wish to thank all those who have contributed to the development of this report:

Ministry of Interior

Department of Public Security - Central Directorate for Antidrug Services

Department of Public Security – Anticrime Police
Directorate - Scientific Police – Unit for psychotropic and
narcotic substances

Department of Public Security – Traffic Police Service
Department for general administration, personnel policies
of the civil administration, and instrumental and financial
resources – Central Directorate for General Administration
and Prefectures – Office II – Telematic Networks,
Information Systems and IT Security
Department for general administration, personnel policies
of the civil administration, and instrumental and financial
resources – Central Directorate for General Administration
and Prefectures – Office V – Studies, Research and General

Ministry of Justice

Documentation

Ministry of Justice - Department of Justice Affairs
- Directorate General for Internal Affairs - Office I
Department of Justice Affairs - Directorate General for
Internal Affairs - Office III - Criminal Records Office and
Civil Judicial Sanctions Register
Department of Penitentiary Administration
Department of Juvenile and Community Justice

Ministry of Health

Directorate General for Digitalization, Health Information System and Statistics former Directorate General for Medical Devices and Pharmaceutical Service - Central Narcotics Office

Ministry of Defence

Carabinieri Corps - Scientific Investigation Grouping

National Institute of Statistic - ISTAT

Department for Statistics Production - Central Directorate

for National Accounts - Final Demand Services, Labour and Capital Inputs, Environmental Accounts - CNB Central Directorate for Social and Welfare Statistics -Integrated System for Health, Assistance and Social Security Service

National Institute of Health

National Centre for Addictions and Doping Department of Infectious Diseases – AIDS Operational Centre

National Research Council

Institute of Clinical Physiology

Mario Negri Research Institute, IRCCS - Milano

Interregional Technical Group on Addictions - Health Commission of the Conference of Regions and Autonomous Provinces

Public Departments and Addictions Units of the Regions and Autonomous Provinces Health Authorities

Scientific Association of the Italian Group of Forensic Toxicologists

Organization and Service Providers who took part in the National Survey of Third Sector Services

4Exodus società cooperativa sociale; A.E.P.E.R. cooperativa sociale; Accoglienza e Lavoro società cooperativa sociale ONLUS; Airone società cooperativa sociale a.r.l.; Alice società cooperativa sociale ONLUS; Anteo Impresa cooperativa sociale; Arca di Como società cooperativa sociale; Arnera società cooperativa sociale; Arteinsieme società cooperativa sociale; Associazione Airone ONLUS; Associazione Aliseo ONLUS; Associazione BAN-carella ODV ETS; Associazione Cascina Verde Spes; Associazione

Centro Antidroga ONLUS; Associazione Centro d'ascolto Madonna del Rosario: Associazione Centro Le Ali ONLUS: Associazione Comunità Alfaomega; Associazione Comunità Il Gabbiano ODV; Associazione Comunità Massimo ONLUS; Associazione Comunità Nuova ONLUS: Associazione Comunità sulla strada di Emmaus; Associazione Comunità Terapeutica La Tempesta ONLUS; Associazione Comunità Terapeutica Nikodemo: Associazione Fa.C.E.D. ETS: Associazione Fides; Associazione Fides; Associazione Genitori Antidroga; Associazione Gruppo Abele di Verbania ONLUS; Associazione Gruppo Solidarietà ODV ETS; Associazione II Ponte Centro di Solidarietà di Don Egidio Smacchia ODV; Associazione II Porto ONLUS; Associazione Insieme ETS: Associazione Insieme Verso Nuovi Orizzonti ODV; Associazione Arcobaleno; Associazione L'Arcobaleno ETS: Associazione La Tenda Centro di Solidarietà ODV: Associazione La Tenda di Cristo ODV; Associazione Mondo X Sardegna; Associazione Movimento Fraternità Landris; Associazione Trentina Insieme Verso Nuovi Orizzonti ODV; Associazione "Mastropietro & C." APS; Atipica Cooperativa Sociale ONLUS; Berta '80 società cooperativa sociale a.r.l.; Borgorete società cooperativa sociale; C.A.P.S. cooperativa sociale a.r.l. ONLUS; C.A.S.T. Assisi ONLUS; C.A.T. cooperativa sociale; C.E.R.T. Nuova Vita; C.I.PA. - Centro di Informazione Prevenzione e Accoglienza ODV ETS; CAPS cooperativa sociale a.r.l. ONLUS; Carebbio società cooperativa sociale ONLUS; Casa Emmaus società cooperativa sociale; Casa La Speranza; Casa Miriam - Fondazione Caritas Di Vigevano; Ce.Re.So. - Centro Reggino di Solidarietà ODV: CEIS Genova società cooperativa sociale: CEIS San Crispino di Viterbo ODV; CEIS società cooperativa sociale; CEIS Verona cooperativa sociale; Cento Fiori società cooperativa sociale ONLUS: Centro Accoglienza l'Ulivo società cooperativa sociale; Centro di Accoglienza Don Vito Squotti; Centro di Solidarietà di Reggio Emilia società cooperativa sociale: Centro di Solidarietà F.A.R.O. (Fraterno Aiuto Riabilitazione e Orientamento); Centro di Solidarietà il Delfino cooperativa sociale; Centro di solidarietà Pratese ONLUS: Centro Diurno Droga Stop -CO.RI.S.S.; Centro Gulliver società cooperativa sociale a.r.l.;

Centro Italiano di Solidarietà di Belluno - CelS ONLUS: Centro italiano di solidarietà Don Mario Picchi ETS: Centro Kades ONLUS; Centro Sociale Papa Giovanni XXIII società cooperativa sociale ONLUS; Centro Solidarietà Firenze ONLUS: Centro Torinese Di Solidarietà società cooperativa sociale; Centro Trentino Di Solidarietà ETS; Centro Vicentino di Solidarietà - CelS ONLUS: Co.Ge.S. Don Milani società cooperativa sociale: Cometa consorzio di cooperative sociali; Comunità Aperta società cooperativa sociale ONLUS; Comunità del Giambellino società cooperativa sociale; Comunità Di Servizio Ed Accoglienza Betania ODV; Comunità Emmaus-3; Comunità Fraternità società cooperativa sociale ONLUS; Comunità Giovanile ETS; Comunità in Dialogo Organizzazione di volontarietà ETS; Comunità Incontro ETS; Comunità L'Ancora; Comunità La Tenda cooperativa sociale; Comunità Marco Riva -ODV; Comunità Monte Brugiana; Comunità Oasi2 San Francesco cooperativa sociale ONLUS; Comunità Oasi2 San Francesco società cooperativa ONLUS; Comunità Papa Giovanni XXIII cooperativa sociale a.r.l. ONLUS; Comunità San Francesco ONLUS; Comunità San Maurizio; Comunità San Patrignano società cooperativa sociale; Comunità Terapeutica L'Angolo; Comunità Terapeutica La Tolda; Comunità Terapeutica Zappello; Congregazione delle Pie Suore della Redenzione; COOPERATE società cooperativa sociale Ente gestore Progetto Terapeutico Fratello Sole; Cooperativa di Bessimo ONLUS; Cooperativa di Solidarietà Lautari ONLUS; Cooperativa Lotta Contro l'Emarginazione; Cooperativa Sociale ACLI - Società Cooperativa ONLUS - Unità operativa Comunità Terapeutica "La Nostra Casa"; Cooperativa Sociale P.A.R.S. Pio Carosi Impresa Sociale ETS; Cooperativa Solco Dai Crocicchi: Cooperativa Tetto Fraterno società cooperativa; Cosmo società cooperativa sociale; Crest s.r.l.; CSA Centro di Solidarietà di Arezzo ETS; CUFRAD; Delta Solidale società cooperativa sociale: Dianova cooperativa sociale; Fermata d'Autobus Associazione ONLUS; Folias cooperativa sociale; Fondazione Arca Centro Mantovano di Solidarietà ETS: Fondazione Casa di Lodesana - Don Enrico Tincati ETS; Fondazione di Partecipazione San

Gaetano ONLUS: Fondazione Don Calabria Per II Sociale ETS; Fondazione ETS Centro Italiano di Solidarietà CelS -Gruppo Giovani e Comunità di Lucca: Fondazione Gruppo Abele ONLUS; Fondazione La Ricerca - Don Giorgio Bosini ETS; Fondazione Nuovo Villaggio del Fanciullo; Fondazione Opera Santi Medici Bitonto ONLUS - C.T. Lorusso Cipparoli: Fondazione San Germano ONLUS - Comunità San Pietro; Fondazione Villa Maraini ETS; Gaia società cooperativa sociale ONLUS: Gineprodue cooperativa sociale di solidarietà ONLUS; Giovanni Paolo II società cooperativa sociale - Comunità II Risorto; Giuseppe Olivotti società cooperativa sociale; Gruppo Arco società cooperativa sociale; Gruppo CelS; Gruppo Incontro società cooperativa sociale; Gruppo Maranathà ODV ETS; Gruppo Valdinievole; Il Camino impresa sociale s.r.l.; Il Cammino cooperativa sociale ONLUS; Il Mandorlo società cooperativa sociale; Il Mandorlo società cooperativa sociale; Il Ponte - Centro di solidarietà di Don Egidio Smacchia - ODV Coccinelle: Il Ponte - Centro di solidarietà di Don Egidio Smacchia - ODV Comunità; Il Progetto; Il Punto cooperativa sociale; Istituto Suore Buon Pastore; L'imprevisto cooperativa sociale a.r.l.; La Casa del Sole cooperativa sociale; La Svolta - Le Virage società cooperativa sociale; Labirinto cooperativa sociale; Magliana 80; Nefesh società cooperativa sociale; Nova società cooperativa sociale; Nuova Vita società cooperativa sociale: Nuovo Cammino società cooperativa sociale; Open Group; Opera Santa Maria Della Carità: P.G. Frassati società cooperativa sociale ONLUS; Pane e Rose cooperativa sociale; Parsec cooperativa sociale a.r.l.; Phoenix società cooperativa sociale: Piccola Comunità ONLUS - impresa sociale: Polo9 società cooperativa sociale impresa sociale; Progetto N ETS; Progetto per adolescenti MySpace; Progetto Villa Lorenzi ODV: Proteo società cooperativa sociale: R.E.D. 7 Novembre; San Benedetto cooperativa sociale ONLUS; SAT ODV - Servizio Assistenza Tossicodipendenti ODV; Servizi per l'Accoglienza società cooperativa sociale; Sette società cooperativa sociale ONLUS - Comunità Il Molino; Soggiorno Proposta; Solidarietà Dicembre '79 ETS; Sonda società cooperativa sociale ONLUS; Spazio Esse comunità terapeutica residenziale; Terra Mia società cooperativa sociale; Teseo società cooperativa sociale A.R.L.; Un fiore per la vita cooperativa sociale; VALSA CEPIA società cooperativa sociale ONLUS; Villa Ticinum società cooperativa sociale.

Expert Consultants for the Department for Policies Against Drug and Other Addictions

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Presidenza del Consiglio dei Ministri Dipartimento delle politiche contro la droga e le altre dipendenze