

# Factsheet: Cocaine - the Irish situation

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## Glossary of terms

**Last month prevalence** – refers to the proportion of the sample that reported using a named drug in the 30-day period prior to the survey. Last month prevalence is often referred to as current use. A proportion of those reporting current use may be occasional (or first-time) users who happen to have used in the period leading up to the survey. It should therefore be noted that current use is not synonymous with regular use.

**Last year prevalence** – refers to the proportion of the sample that reported using a named drug in the year prior to the survey. Last year prevalence is often referred to as recent use.

**Lifetime prevalence** – refers to the proportion of the sample that reported ever having used the named drug at the time they were surveyed. A person who records lifetime prevalence may or may not be currently using the drug. Lifetime prevalence should not be interpreted as meaning that people have necessarily used a drug over a long period of time or that they will use the drug again in future.

**Mean (average) versus Median** – One of the most used statistical measures is the mean (more often simply termed the 'average'). The mean/average is the sum of the characteristics of the group (e.g. ages, wages or prices) divided by the number in the group. To represent the central tendency of a group, median is the appropriate statistical measure. The median is found by ordering the group characteristics in ascending value and selecting the middle one. The median is a better measure of the central tendency of the group as it is not skewed by exceptionally high or low characteristic values.

**Prevalence** – refers to the proportion of a population that has used a drug over a particular time period.

## What is cocaine?

Cocaine is a colourless substance obtained from the leaves of certain types of coca plant. There are basically two chemical forms of cocaine:

- Cocaine powder is a white crystalline powder (hydrochloride salt) and is the most commonly used form. Drug dealers often dilute cocaine powder with other substances, such as talcum powder or sugar (lactose), or local anaesthetic (lignocaine). It is usually inhaled through a thin straw, or dissolved in water and injected.
- Crack cocaine is an off-white solid substance made by dissolving cocaine powder in a mixture of water and baking soda; this mixture is boiled, dried and broken into rock-like chunks. It can be smoked, or dissolved in an acidic liquid and injected.<sup>1</sup>

## What does cocaine do?

The effects of cocaine occur very rapidly and include raised blood pressure, increased body temperature, stimulation, reduction in hunger and thirst, dilation of pupils and feelings of great energy and alertness. Repeated sniffing of cocaine powder irritates the nose and can cause a breakdown of nasal cartilage.<sup>1</sup>

## How do we know how many people use cocaine in Ireland?

Every four years a survey of the general population takes place to estimate the number of people in Ireland who use alcohol and other drugs.<sup>2</sup> Face-to-face interviews take place with respondents aged 15+ normally resident in households in Ireland. This type of survey is not designed to include people who do not normally live in private households, such as prisoners or hostel dwellers.<sup>2</sup> (For other populations, see our [prevalence sources](#).)

Drug prevalence surveys were undertaken in 2002–03, 2006–07, 2010–11, and 2014–15. These surveys were commissioned on an all-island basis by the National Advisory Committee on Drugs and Alcohol in the Republic of Ireland, and the Department of Health, Social Services and Public Safety in Northern Ireland.

The most recent survey 2019–20 National Drug and Alcohol Survey (NDAS), which took place in the Republic of Ireland, was managed by the Health Research Board.

## How many people use cocaine in Ireland?

The 2019–20 NDAS survey involved 5,762 people in Ireland.<sup>2</sup> The results for Ireland showed that:

- 6.6% of respondents had ever used cocaine in their lifetime, corresponding to 260,000 of the general population in Ireland aged 15 years and older.
- 1.9% of respondents (72,000 of the general population) and 0.6% of respondents (23,000 of the general population) had used cocaine in the last year and last month, respectively.
- The average age of first cocaine use was 21.9 years (median: 21 years).
- The average age of participants who reported recent cocaine use was 28.4 years (median: 27 years).
- The average age of first regular cocaine use was 23.5 years (median: 22 years).
- The proportion of respondents who personally knew somebody who used cocaine was 26.7%.
- 84.9% of lifetime users also used alcohol on the occasion of first cocaine use.

The latest survey estimates show a rise in the percentage of cocaine users in the general population aged 15-64 Table 1.

**Table 1: Lifetime, last year and last month prevalence of cocaine use among 15–64-year-olds (%)**

	2002–03	2006–07	2010–11	2014–15	2019–20
Lifetime	3.0	5.3*	6.8	7.8	8.3
Last year	1.1	1.7*	1.5	1.5	2.3*
Last month	0.4	0.5	0.5	0.4	0.7

\* Significant change ( $p < 0.05$ ) in prevalence of cocaine when compared with prevalence reported in the previous survey.

For further information on cocaine use (prevalence and treatment) by County see our [Regional data factsheets](#).

Cocaine is, after cannabis, the second most commonly used illicit drug in Europe, 2.5 million 15-34-year-olds (2.5% of this age group) used cocaine in the last year.<sup>3</sup>

### How many people receive treatment for cocaine use?

The [National Drug Treatment Reporting System](#) (NDTRS) provides data on treated drug and alcohol misuse in Ireland.

Cocaine was the most common drug reported in 2023, accounting for 37.6% of all cases, a 20.5% increase from 2022. Cocaine was also the most common main drug among new cases, accounting for almost half (46.1%) of new cases in 2023. Powder cocaine was the most common type of cocaine generating demand for treatment and accounted for 75.6% of all cases treated for cocaine as a main problem, while crack cocaine accounted for 24.4% of all cocaine cases.<sup>4</sup>

**Table 2: Main problem drug (excluding alcohol) reported in 30 days prior to treatment, NDTRS 2017 to 2023**

	2017	2018	2019	2020	2021	2022	2023
	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)
<b>All cases</b>	8922	10274	10664	9702	10769	12009	13104
Cocaine	1500 (16.8)	2254 (21.9)	1560 (24.0)	2619 (27.0)	3248 (30.2)	4084 (34.0)	4923 (37.6)
<b>New cases</b>	3257	3962	3979	3796	4206	4456	4792
Cocaine	748 (23.0)	12.32 (31.1)	1258 (31.6)	1359 (35.8)	1615 (38.4)	1839 (41.3)	2208 (46.1)
<b>Previously treated cases</b>	5242	5872	5927	5441	6090	6860	7588
Cocaine	692 (13.2)	944 (16.1)	1074 (18.1)	1126 (20.7)	1478 (24.3)	1981 (28.9)	2485 (32.7)

#### Powder cocaine

In 2023, 3,722 cases were recorded with powder cocaine as the main problem:

- almost 8-in-10 cases (77.6%) were male, while 2-in-10 were female (22.4%)
- the median age when entering treatment for powder cocaine was 31 years
- powder cocaine cases resided in every county in Ireland. Almost half (47.1%) of all cases entering treatment for powder cocaine resided in County Dublin, followed by counties Cork (7.6%), Tipperary (4.9%) and Limerick (4.7%)
- 40.5% were in paid employment, while 49.3% were unemployed
- 5.4% were homeless
- 2.5% reported having ever injected
- the most common route of administration for power cocaine was sniff/snort (97.6%)
- the proportion of cases with polydrug use was 61.8% in 2023. The most common additional drugs among cases with powder cocaine as a main problem were alcohol (63.6%), cannabis (50.8%), and benzodiazepines (23.9%).

#### Crack cocaine

In 2023, 1,201 cases were recorded with crack cocaine as the main problem:

- more than 4-in-10 cases (46.2%) entering treatment for crack cocaine as the main problem were female, while 53.6% were male
- the median age when entering treatment for crack cocaine was 39 years
- crack cocaine cases resided in almost every county in Ireland, with the exception of five counties (Galway, Leitrim, Kilkenny, Monaghan and Sligo) which had no reported cases. The vast majority (84.3%) of all cases entering treatment for crack cocaine resided in County Dublin, followed by Limerick (2.7%), Galway (1.8%) and Wicklow (1.8%)
- 6.5% were in paid employment, while 80.5% were unemployed
- 23.2% were homeless
- 36.3% reported having ever injected
- The most common route of administration for crack cocaine was smoking (97.2%)
- the proportion of cases with polydrug use was 65.4% in 2023. The most common additional drugs among cases with crack cocaine as a main problem were opioids (65.1%), benzodiazepines (39.4%) and cannabis (31.9%).

[For more detailed treatment data (age, gender, employment status) up to 2022 see library [interactive tables](#)]

## How many people die from using cocaine?

The [National Drug-Related Deaths Index \(NDRDI\)](#) is a database of cases of death by drug and alcohol poisoning, and deaths among drug users and people who are alcohol dependent. In 2021, 354 deaths were poisonings. Cocaine was implicated in 3 in 10 (30.2%) poisoning deaths overall, the majority of which were among males (81.3%, 87). The number of deaths with cocaine implicated more than trebled (311.5%) (from 26 to 107 deaths).<sup>5</sup>

**Table 2: Cocaine implicated in poisoning deaths, NDRDI 2012-2021**

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
All poisoning deaths	281	341	319	327	314	340	354	371	409	354
Cocaine	26	32	42	46	42	55	79	108	140	107

## Non-fatal overdoses and drug-related emergencies

According to the [Hospital In-Patient Enquiry \(HIPE\)](#) scheme there were 4,425 cases of non-fatal overdose discharged from Irish hospitals in 2022. Cocaine was present in 236 (5.3%) of cases.<sup>6</sup>

## What does the law say about cocaine?

Cocaine is on the list of drugs that are controlled by law. A person found in possession of cocaine powder or crack cocaine is guilty of an offence. You can find more information about Irish drug laws, offences and penalties on the [Citizens Information Board website](#).

## Seizures of cocaine

Except for a 10% spike between 2013 and 2014, the number of cocaine seizures has decreased from a peak of 1,749 in 2007 to 364 in 2015. One possible explanation for this is that the economy in Ireland was not doing well in 2013 and 2014. Although an increase in cocaine analyses was seen in 2016 (63%) and 2017 (33%) Although a decrease of 25% was shown in 2018, this was followed by a substantial increase in 2019 (N=2231), when the number of cocaine seizures analysed was close to four times higher than in 2018 (N=595). The number of cocaine seizures analysed in 2020 was 11% lower than those analysed in 2019. However, since then an increasing trajectory was seen between 2020 and 2021 (34%), and again between 2021 and 2022 (50%).<sup>7</sup>

## References

1. The independent health website: <http://www.irishhealth.com/article.html?id=453>
2. Mongan D, Millar SR, and Galvin B (2021) [The 2019–20 Irish National Drug and Alcohol Survey: main findings](#). Dublin: Health Research Board.
3. European Monitoring Centre for Drugs and Drug Addiction (2024) [European drug report 2024: trends and developments](#) Lisbon: Publications Office of the European Union.
4. Lynch, T Condon I, Lyons S and Carew AM (2024) [National drug treatment reporting system, 2023 drug treatment demand](#). Dublin: Health Research Board.
5. Kelleher, C Riordan F and Lyons S (2024) [Drug poisoning deaths in Ireland in 2021: data from the National Drug-Related Deaths Index \(NDRDI\)](#). Dublin: Health Research Board.
6. Irish National Focal Point to the European Monitoring Centre for Drugs and Drug Addiction (2024) [Ireland: national report for 2023 - harms and harm reduction](#). Dublin: Health Research Board.
7. Irish National Focal Point to the European Monitoring Centre for Drugs and Drug Addiction (2024) [Ireland: national report for 2023 – drug markets and crime](#). Dublin: Health Research Board.

And see also, European Monitoring Centre for Drugs and Drug Addiction, Europol (2022) [EU drug market: cocaine – in-depth analysis](#). Lisbon: European Monitoring Centre for Drugs and Drug Addiction.

For regional Irish data, please see our [regional factsheets webpage](#).

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