

EXECUTIVE SUMMARY



PREFACE

At the twentieth special session of the General Assembly in 1998, States Members agreed to make significant progress towards the control of supply and demand for illicit drugs by the year 2008. They noted that this objective could only be achieved by means of the 'balanced approach' (giving demand as much attention as supply), and on the basis of regular assessments of the drug problem. The aim of the present report is to contribute to such assessments by presenting supply and demand statistics and analysis on the evolution of the global illicit drug problem.

Reliable and systematic data to assess the drug problem, and to monitor progress in achieving the goals set by the General Assembly, however, is not readily available. The present report is based on data obtained primarily from the annual reports questionnaire (ARQ) sent by Governments to the United Nations *Office on Drugs and Crime* (UNODC) in 2002, supplemented by other sources. Two of the main data limitations are that: (a) these annual questionnaires are not systematic enough, both in terms of the number of countries responding and of content; and (b) most countries lack the monitoring systems required to produce reliable, comprehensive and internationally comparable data. There have been some recent improvements. National illicit coca and opium monitoring systems, supported by UNODC, are now providing annual cultivation estimates for the main producing countries. However, data on other links in the drug chain, particularly on the demand side, are weaker.

This report tries to overcome the data limitations by presenting, annually, estimates and analysis of illicit drug production, trafficking and consumption. The first section deals with Trends in illicit drug production, trafficking and consumption. The second section provides the Statistics on which the globally aggregated estimates and trends are based.

The difficulties of measuring an illicit activity are well known. Although they impose obvious limitations on data, it is possible to make reasonable order-of-magnitude estimates. It is also highly desirable to do so, because such estimates encourage transparency, stimulate discussion and build knowledge. Empirical evidence is the only realistic basis for policy-making. This report, by presenting what we know, and by showing what we do not know, contributes to building the knowledge base for better policy. It also sets the basis for more focussed action to achieve the goals set in 1998 and reiterated at the Ministerial segment of the UN Commission on Narcotic Drugs in April 2003.

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This summary presents, *first*, an analysis of the main illicit markets for heroin, cocaine, cannabis and amphetamine-type stimulants (ATS); and *secondly* synthesizes the main trends in illicit drug production, trafficking and consumption. The analysis of the main illicit markets focuses on the period between 1998 and 2003 since the international community is presently reviewing progress in achieving the targets set at the twentieth special session of the General Assembly (UNGASS) in 1998. The illicit drug production, trafficking and consumption trends focus on 2001/2002, updating last year's edition of the present publication.

I. MAIN TRENDS IN ILLICIT DRUG MARKETS, 1998-2002

The evolution of the main illicit drug markets in recent years provides an uneven picture of positive and negative developments, depending on the drugs and the regions considered. Overall, the evolution of world heroin and cocaine markets shows some positive tendencies. The picture is confused for synthetic drugs and fairly negative for cannabis.

Heroin

Treatment data consistently shows that illicit heroin use has the most severe health consequences for drug abusers. In 2000-2001, UNODC estimated that about 15 million people abused opium and heroin in the world. Although this figure has not changed much since the late 1990s, gaps in the data prevent precise monitoring of changes in global demand for illicit opium and heroin from year to year. The impression of the relative stability of the global heroin market since the end of the 1990s can be supported by an assessment of the supply situation, for which there is more robust data. About 4,400 metric tons (mt) of illicit opium were produced in 1998. Four years later, in 2002, the production (approximately 4,500 mt) is more or less at the same level. Underneath the apparent stability of global production, however, major shifts are at work.

Statistics on agricultural land devoted to illicit opium poppy cultivation in the world show that the market is changing. While global opium production remained basically stable over a four-year period, illicit opium poppy cultivation declined by 25%. The answer to this apparent paradox can be found in a considerable shift of production from South-East to South West Asia. Progress made in Myanmar and the Lao PDR has resulted in a 40% reduction in the area under opium poppy cultivation in that region between 1998 and 2002. This downward trend continued in 2003. If the current rate of reduction in South-East Asia is sustained, the Golden Triangle could well become a minor source of illicit opium in the next few years. This would close a century long chapter in the history of drug control. Meanwhile, a 16% increase was recorded in South West Asia from 1998 to 2002. The higher productivity of the irrigated opium fields in Afghanistan explains why the world's opium output remained stable while the level of cultivation was going down. The result has been an increasing concentration of illicit opium production in a single country, Afghanistan.

Regional shifts have also reshaped the patterns of heroin abuse in the world. There are some improvements in West Europe, but the rapid growth of opium production in Afghanistan has fuelled the development of a large heroin market in the region and, further, in Central Asia, the Russian Federation

and East Europe. Largely caused by the increase in intravenous heroin abuse, the HIV/AIDS epidemic has been expanding at an alarming rate.

The new heroin markets in East Europe, Russia and Central Asia are not yet as lucrative as the West European markets. The economic incentive they provide to traffickers is thus lower. They do, however, offer the potential to offset the reduction in profitability per transaction by expanding the consumer base. There are already more opiate abusers in those regions than in West Europe and the potential for further growth is large.

There is evidence to suggest that the effect of long-term demand reduction efforts can be catalyzed by rapid and shorter-term progress in the reduction of supply. Although stocks delayed and reduced the impact of the short-lived but considerable decline of opium production in Afghanistan in 2001, records show that heroin purity levels in Europe declined that year and that the trend continued in the first two quarters of 2002. One positive consequence was a decline in the number of drug related deaths in a number of West European countries. Similarly, there are indications that in the countries of Central Asia the growth of abuse declined markedly in 2002 as a consequence of reduced supply. Australia provided another illustration. Following the dismantling of a number of trafficking groups supplying the Australian market, the availability of heroin in that country dropped significantly in 2001. As a result, declines in the number of drug related crimes and drug related deaths, as well as increases in the number of heroin addicts seeking treatment, were recorded. In 2003, however, there have been reports of the supply slack in Australia being partly taken up by heroin originating in, or being trafficked *via*, the Democratic People's Republic of Korea (North Korea).

Cocaine

Cocaine is abused by about 14 million people in the world and comes second to heroin in terms of treatment demand. There are some signs of progress in controlling cocaine supply and demand. Of the three countries which supply the world's illicit cocaine, Bolivia has now become an almost marginal source (less than one-tenth of world cocaine production), and Peru has achieved a reduction of about 60 % in coca cultivation since 1995. Although both countries are encountering difficulties in consolidating the decline and eliminating the remaining illicit cultivation on their territory, overall they have not produced more than one-fifth of world illicit cocaine during the past few years.

The main challenge is Colombia, where the production of cocaine from domestic cultivation increased roughly by a factor of five between 1993 and 1999. By then, the country had become the source of almost three-quarters of the world's illicit cocaine. The good news is that, reversing an eight-year trend, and for the second year in a row, Colombia achieved a very significant reduction of coca bush cultivation on its territory in 2002. Cumulatively, this amounts to a 37% decline between 2000 and 2002. Combining the three source countries translates into an overall reduction of 22% of the area under coca between 1999 and 2002. If this trend persists there could be a major change in the dynamics of world cocaine supply.

At the other end of the trafficking chain, some positive evidence is available. In the United States of America (USA), the world's largest cocaine market, student surveys show that the number of cocaine users has tended to stabilize in recent years. Annual prevalence figures for 2002 in that country were reported to be 15% lower than in 1998, and some 60% lower than in 1985.

Nonetheless, there is some cause for concern on the demand side in other regions. Cocaine abuse is increasing in South America and cocaine traffickers have been finding new market outlets in Europe. As in the case of heroin, there are indications of a shifting market. Although the bulk of cocaine trafficking is still in the Americas, there has been an increase in cocaine trafficking towards West Europe. The share of West Europe in global cocaine seizures more than doubled between 1998 and 2001, rising from 8% to 17% during that period. Information on consumption tells the same story. The majority of West European countries reported an increase in cocaine abuse for the year 2001.

Cannabis

Cannabis continues to be the most widely produced, trafficked and consumed illicit drug worldwide.

Given the global spread of cannabis production and the virtual absence of monitoring systems, no reliable production estimates for cannabis are available. (In Morocco, which is one of the largest producers of cannabis resin, UNODC and the Government are launching the first survey of cannabis cultivation this year). Rising levels of cannabis seizures and abuse suggest, however, that production is also increasing.

About two-thirds of the 86 countries which reported cannabis consumption trends to UNODC last year, indicated an increase of cannabis abuse in 2001. Overall seizures of cannabis rose by some 40% between 1998 and 2001.

A distinction should be made between cannabis resin and herb products. Seizure data over the period 1998-2001 suggest a relative stability in the trafficking patterns of cannabis resin, which continues to be primarily seized in West Europe (around three-quarters of all seizures). It was therefore cannabis herb seizures that accounted for the increase noted above. More than 60% of all cannabis herb seizures in 2001 were reported from the Americas. However, the strongest increase was in Africa, probably reflecting a combination of large-scale cultivation of cannabis and increased enforcement efforts in recent years. More than a quarter of all cannabis herb seizures are now reported from countries in Africa, compared to little more than 10% in 1998-99.

Finally, seizures of cannabis plants – an indicator of the efforts made by governments to eradicate cannabis fields – seem to be declining, possibly an indication of lesser priority given to cannabis eradication by some governments.

There are, however, some positive trends. In the USA, for instance, cannabis abuse (annual prevalence) fell in 2002 among high-school students and was almost 10% lower than in 1997 and some 30% lower than in the late 1970s. In Australia, cannabis abuse among the general population declined by 23% over the 1998-2001 period.

Amphetamine-type stimulants

Amphetamine-type-stimulants (ATS) are synthetic drugs that include the chemically related amphetamine, methamphetamine and ecstasy. Unlike the traditional plant-based drugs, the production of ATS starts with readily available chemicals, in easily concealed laboratories. This makes an assessment of the location, extent and evolution of the production of such illicit drugs extremely difficult. In order to obtain a clearer picture of this complex situation, UNODC is presently undertaking a global survey on ATS.

Seizures of laboratories and end-products, as well as reports on consumption, indicate that the expansion of the ATS market is continuing. More laboratories were detected and dismantled worldwide over the last few years than ever before, particularly in the United States. But the market is also changing, partly in response to drug control agencies' efforts to tackle the problem, and partly as a result of the dynamics of abuse patterns.

Trafficking in methamphetamine accounts for the bulk of trafficking in ATS and has been clearly shifting towards East and South-East Asia in recent years. Seizures in 2001 declined, however, possibly a consequence of better controls of ephedrine (one of the main precursors) and first successes in reducing methamphetamine production in the People's Republic of China. The Democratic People's Republic of Korea (North Korea) seems to be emerging as a significant source/transshipment area for methamphetamine going to Japan, which is the region's most lucrative ATS market.

In 2000, close to 90% of all countries reporting to UNODC on trends in the abuse of methamphetamine reported an increase. By 2001 this proportion fell to 52%. Japan reported a stabilization in methamphetamine abuse in 2001, following years of increase. Thailand, in contrast, affected by large-scale methamphetamine imports from neighbouring Myanmar, seized the largest quantity of methamphetamine worldwide in 2001 and reported a further increase in ATS abuse for 2001.

Europe, notably the Netherlands, Poland and Belgium, continues to be the main centre of clandestine amphetamine production. Seizures of amphetamine in West Europe peaked around 1998 and have shown a downward trend since, but production and trafficking continued to increase in East Europe. This could signal an underlying shift of amphetamine production to East Europe, and possibly a less buoyant demand in West Europe. While half of all West European countries reported an increase in amphetamine abuse in 2000, this proportion fell somewhat, to 33%, in 2001.

Trafficking in ecstasy increased strongly throughout the 1990s. In 2001, however, ecstasy seizures declined, mainly in North America and West Europe. Europe (particularly the Netherlands and Belgium) is still the main centre of global ecstasy production. However, its relative importance seems to be declining as ecstasy production is appearing in other parts of the world. In the mid-1990s, West European countries reported around 80% of all ecstasy seizures. This proportion fell to around 50% in 2000 and 2001. Trafficking in ecstasy has increased particularly in the Americas in recent years, though it is now found in other regions as well, notably in South-East Asia, Southern Africa and the Near and Middle East.

Ecstasy abuse, after a period of decline, has again shown signs of increase in West Europe. In the USA it declined, for the first time in years, in 2002. In other regions, particularly the Caribbean and parts of South America, Oceania, South-East Asia, the Near East, and southern Africa, it seems to be accelerating.

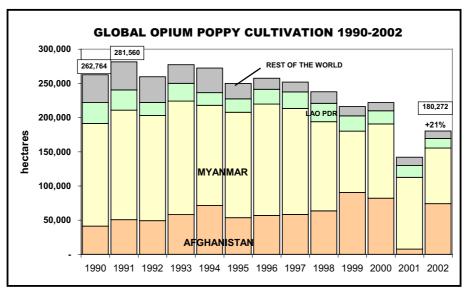
II. MAIN TRENDS IN PRODUCTION, TRAFFICKING AND CONSUMPTION, 2001/2002

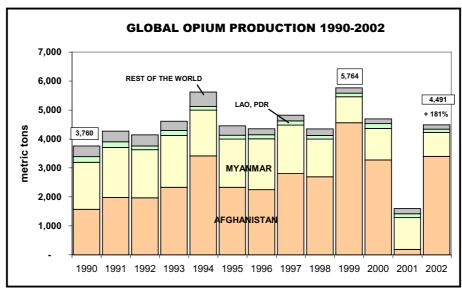
PRODUCTION

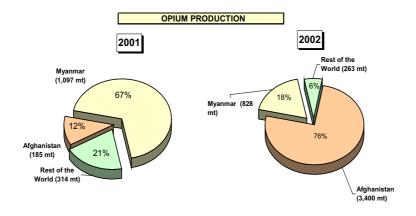
Opium / Heroin

After the steep decline recorded in 2001, world illicit opium and heroin production recovered in 2002, despite a reduction of cultivation by 23% in Myanmar and 18% in Laos. This increase was due to the resumption of large-scale opium poppy cultivation in Afghanistan. Global illicit opium poppy cultivation climbed back to about 180,000 hectares in 2002 (against 144,000 ha in 2001 and 222,000 ha in 2000). The resulting opium production was estimated at about 4,500 metric tons (against 1,600 mt in 2001 and 4,700 mt in 2000).

In 2002, the relative distribution of illicit opium production among the main source countries was: Afghanistan (76%), Myanmar (18%), Laos (2%) and Colombia (1%). The remaining 3% came from other countries (Mexico, Pakistan, Thailand, Vietnam, etc.) where marginal production is reported.

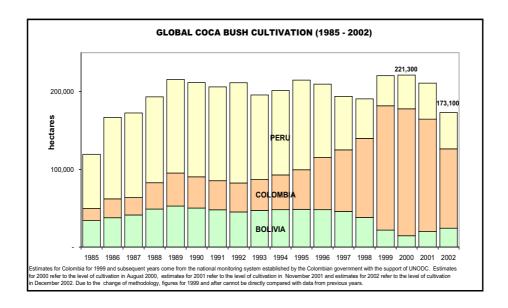






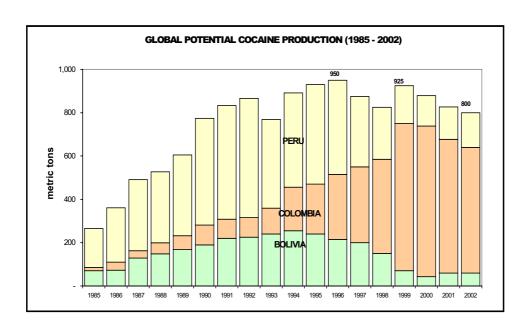
Cocaine

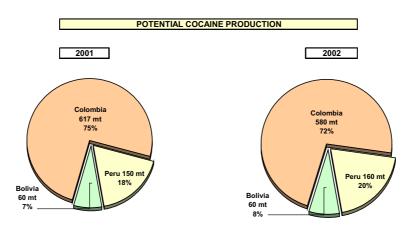
For the second year in a row, illicit coca cultivation declined in Colombia. The 30% reduction recorded between November 2001 (145,000 ha) and December 2002 (102,000 ha) translated into an 18% decline in world illicit coca cultivation (from 211,000 ha in 2001, to 173,000 ha at the end of 2002).



Peru's illicit coca cultivation remained relatively stable during the year (52,500 ha in 2002). In Bolivia, where cultivation had recorded a continuous decline between 1996 (48,100 ha) and 2000 (14,600 ha), cultivation increased for the second year in a row (by 23% to 24,400 ha in 2002).

The relative distribution of potential cocaine production among the three countries in 2002 was estimated as follows: Colombia 72%, Peru 20% and Bolivia 8%.



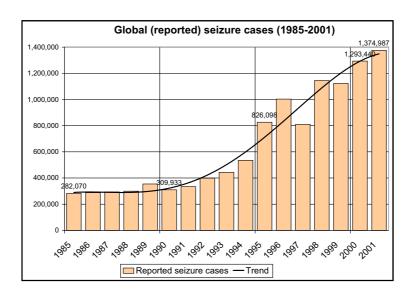


Cannabis and ATS

The lack of adequate data does not enable UNODC to precisely monitor trends in cannabis and synthetic drug production from year to year. However, indirect indicators suggest that global production of cannabis and amphetamine-type stimulants continued to increase in recent years, although regional variations could be observed.

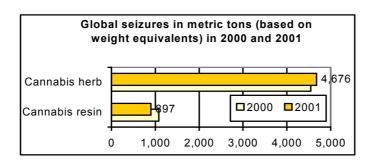
TRAFFICKING

Overall trafficking, as reflected in the number of seizure cases reported, continued growing in 2001, though at a slower pace than in the 1990s. (The latest seizure data received from Member States in replies to the Annual Reports Questionnaire (ARQ) refer to the year 2001.)



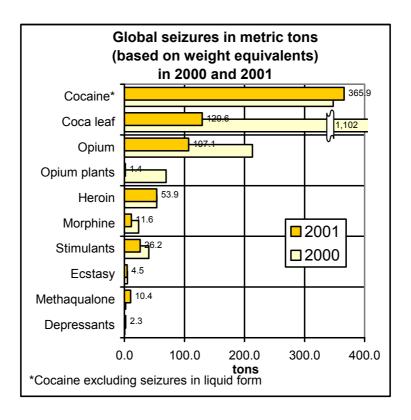
Cannabis

The largest quantities seized worldwide were of cannabis herb, followed by cannabis resin. Seized quantities of cannabis remained stable in 2001. The largest cannabis herb seizures in 2001 were reported from Mexico; the largest cannabis resin seizures were made by Spain.



Cocaine

The third largest quantities of drugs seized worldwide were of cocaine. They remained more or less stable in 2001. The largest cocaine seizures were reported from the USA, followed by Colombia.



Opiates

Overall, seizures of opiates declined by 23% in 2001. The decline is attributed to the considerable decline of opium production in Afghanistan that year. Most opiate seizures (opium, morphine and heroin) continued to be made by the Islamic Republic of Iran. The largest seizures of heroin, however, were reported from the People's Republic of China in 2001.

Amphetamine-type stimulants (excl. Ecstasy)

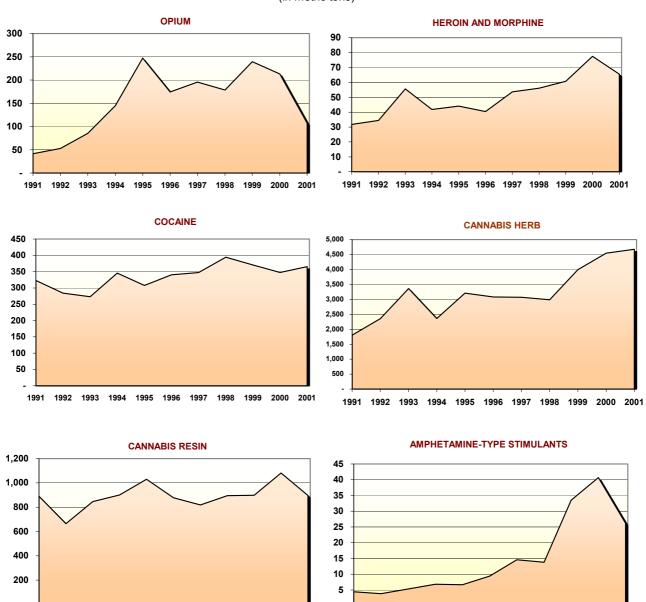
Following years of massive growth, seizures of amphetamine-type stimulants (excluding ecstasy) fell in 2001 by 36%. This decline was mainly due to lower methamphetamine seizures reported by China, which in recent years accounted for the bulk of such seizures. Nonetheless, global ATS seizures (excluding ecstasy) were still four times as high as in 1995 and eight times as high as in 1990. The largest ATS seizures in 2001 were reported from Thailand.

Ecstasy

Ecstasy seizures fell by around 10% in 2001. Declines were recorded in a number of major markets, including the USA, Canada, Netherlands, France and Italy. The largest ecstasy seizures were reported from the Netherlands, followed by the United States.

TRENDS IN WORLD SEIZURES - 1991-2001

(in metric tons)



1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001

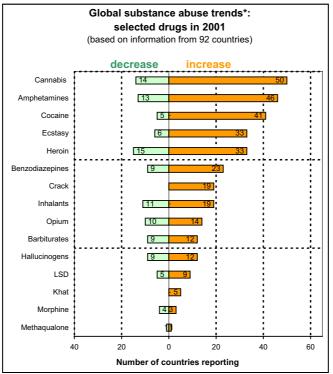
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001

CONSUMPTION

UNODC estimates that about 200 million people consume illicit drugs (annual prevalence 2000-2001). This includes about 163 million for cannabis, 34 million for amphetamines, 8 million for Ecstasy, 14 million for cocaine, 15 million for opiates (of which 10 million for heroin). These numbers are not cumulative because of poly-drug use. They should be treated with considerable caution, given the large gaps in the prevalence data reported.

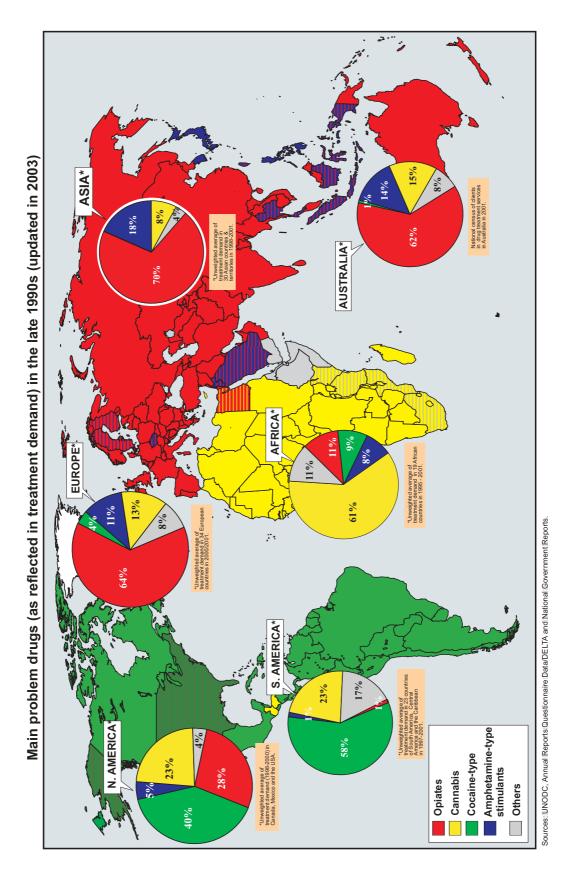
Extent of drug abuse (annual prevalence) - estimates 2000-2001							
	Illicit drugs	Cannabis	Amphetamine-type stimulants		Cocaine	Opiates	of which
	of which:		Ampheta mines	Ecstasy	Coodino	o praces	heroin
GLOBAL (million people)	200.0	162.8	34.3	7.7	14.1	14.9	9.5
in % of global population	3.4%	2.7%	0.6%	0.1%	0.2%	0.3%	0.16%
in % of global population age 15 and above	4.7%	3.9%	0.8%	0.2%	0.3%	0.4%	0.22%
Sources: UNDCP, Annual Reports Questionnaire data, various Govt. reports, reports of regional bodies, UNDCP estimates.							

Reports indicate that, overall, the global drug problem continues to spread in geographical terms as more countries reported increases rather than decreases in drug abuse. As in previous years, the strongest increase in abuse levels was for cannabis, followed by amphetamine-type stimulants. There are, however, indications that the rate of increase is slowing down, with the exception of ecstasy.



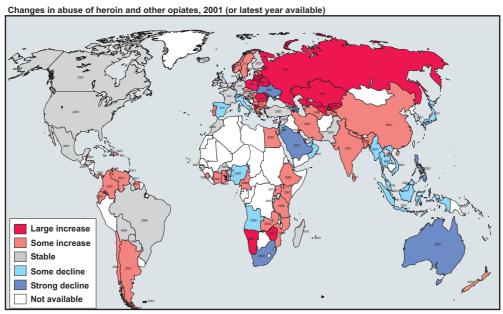
Source: UNODC, Annual Reports Questionnaire Data

The main problem drugs in the world, as reflected in demand for treatment, remained the opiates, followed by cocaine. In much of East and South-East Asia, ATS are the main problem drugs. In Africa, treatment demand continues to be concentrated on cannabis.



Opium / Heroin

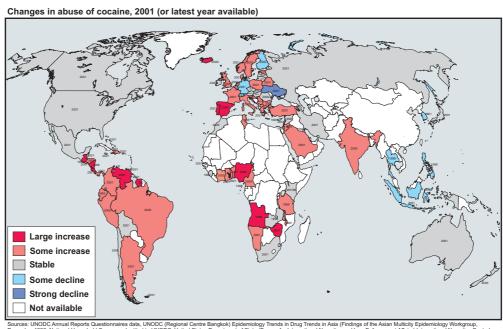
Heroin abuse declined in East Asia, Oceania and West Europe in 2001, but continued to increase in the countries located on the Afghan heroin trafficking route towards Russia and Europe.



Sources: UNODC Annual Reports Questionnaires data, UNODC (Regional Cantre Bangkok) Epidemiology Trends in Drug Trends in Asia in Auditory Epidemiology Workgroup, National Household Surveys submitted to UNDOC, United State Department of State (Bureau for International Nations and Law Enforcement Affairs) International Nationalises Control Strategy Report, Bundeskriminalamit (BKA) and other Law Enforcement Reports, SACENDU (South African Community Epidemiology Network, UNODC, Meetings of Heads of Law Enforcement Agencies (HONLEA), INDOC. Gibral Workshop on Drug International National Internations, Various (South African Community Epidemiology Network, UNODC, Meetings of Heads of Law Enforcement Agencies (HONLEA), INDOC. Gibral Workshop on Drug Internations, Various (South African Community Epidemiology Network, UNODC, Meetings of Heads of Law Enforcement Agencies (HONLEA), INDOC. Gibral Workshop on Drug International National English (South African Community Epidemiology Network, UNODC, Meetings of Heads of Law Enforcement Agencies (HONLEA), INDOC. Gibral Workshop on Drug International National English (South African Community Epidemiology Network, UNODC, Meetings of Heads of Law Enforcement Agencies (HONLEA), INDOC. Gibral Workshop on Drug International National English (South African Community Epidemiology Network, UNODC, Meetings of Heads of Law Enforcement Agencies (HONLEA), INDOC. Gibral Workshop on Drug International National English (South African Community Epidemiology Network, UNODC, Gibral Workshop on Drug International National Nation

Cocaine

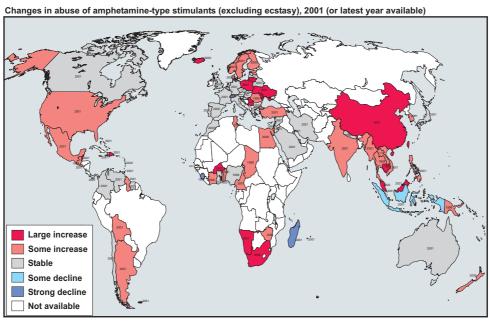
Cocaine abuse continued to increase in West Europe and in South America, while it was stable in North America and fell among US high-school students in 2001.



Sources: UNCDC Annual Reports Questionnaires data, UNDDC (Regional Centre Bangkok) Epidemiology Trends in Drug Trends in Asia (Findings of the Asian Multicity Epidemiology Workgroup, December 1999, National Household Surveys submitted to UNDDC, United States Department of State (Bureau for International Alarcotics and Law Enforcement Affairs) International Narcotics Contro Strategy Report, 1999;Bundeskriminalamt. (BKA) and other Law Enforcement Reports, SACENDU (South African Community Epidemiology Network July - December 1998,UNDDC and Ministerio de 1998; December 1998

Amphetamine-type stimulants

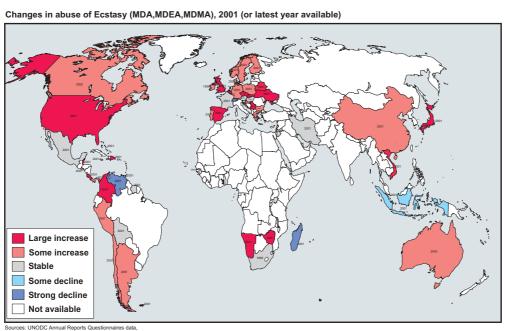
The methamphetamine epidemic appears to be continuing in South East Asia, while abuse has stabilized in Japan. Amphetamine abuse stabilized in West Europe, but continued to increase in East and North Europe.



Sources: UNODC Annual Reports Questionnaires data, UNODC (Regional Centre Bangkok) Epidemiology Trends in Drug Trends in Asia (Findings of the Asian Multicity Epidemiology Workgroup, National Household Surveys submitted to UNODC, United States Department of State (Bureau for International Narcotics and Law Enforcement Affairs) International Narcotics Control Strategy
Report:Burdeskrimlaalmit (BRA) and other Law Friorcement Reports.

Ecstasy

Most countries reporting on Ecstasy saw increasing levels of abuse.



Sources: UNDDC Annual Reports Questionnaires data, UNDDC (Report of Care United State United Sta

Cannabis

Cannabis abuse increased in Africa, South America, Europe and South West Asia. Declines were recorded in Oceania and South East Asia.

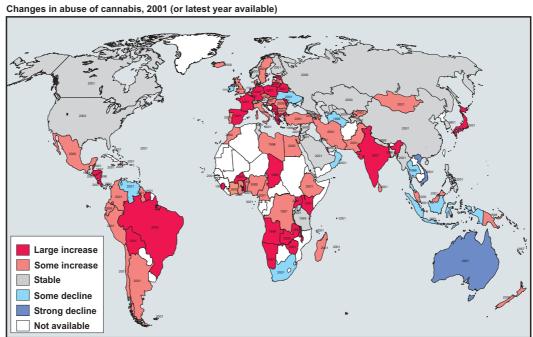


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