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# Examination of illicit drug usage trends and their effects on public health

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#### **ABSTRACT**

Illicit drug use has become a more widespread issue, presenting serious risks to both individual and societal health. It is a dynamic and intricate phenomenon that is influenced by social, psychological, and economic elements. By evaluating the literature and prior research that focuses on the reasons and motivations of illicit drug use, its diverse patterns, and the health and social repercussions of this phenomena, this study seeks to understand patterns of illicit drug use and its impact on public health. With an emphasis on the psychological, social, and cultural elements that support the persistence of this phenomena, the study drew upon a review of theoretical frameworks and scientific models that explain the phenomenon of illicit drug use. According to the findings, there are differences in the patterns of use among stimulants, illegal psychotropic medications, and drugs. These patterns can result in major health issues, such as addiction and physical and mental illnesses, as well as social repercussions that affect the family, institutions, and society at large. The study emphasizes the necessity of creating solid theoretical understandings that aid in comprehending the origins of this phenomena and directing successful preventative measures. In conclusion, in order to lessen the growth of illegal drug use and its detrimental effects on public health, it is imperative to create preventive and intervention methods that are grounded in science.

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# 1. Introduction

Given its substantial effects on public health and society at large, the use of illegal substances is a social and health phenomenon that is gaining more attention at the scientific and preventive levels. An in-depth examination of usage patterns, the reasons behind them, and the contributing variables to their recurrence is necessary given the rising incidence of illegal drugs and psychotropic pharmaceuticals [1]. Without depending on applied research or statistical data, this is required to comprehend the phenomenon from a theoretical standpoint, from which its fundamental characteristics can be inferred and the basis for prevention and intervention established [2].

The prevalence of illegal drug use in contemporary society is hampered by a number of issues, including psychological dependence, social and cultural influences, and environmental and economic elements that can trigger its usage [3]. Theoretical studies give researchers the chance to





investigate underlying causes and behavioral patterns, which advances scientific knowledge of a phenomenon that may be more complicated than it first seems because it is connected to multiple psychological and social dimensions and includes behavioral and addictive elements entwined with cultural and geographic factors [4].

There is a glaring lack of sound theoretical and methodological thinking that connects patterns of use and their effects on public health, on the one hand, and the conditions and factors that lead to the formation of these patterns, on the other, even though applied studies offer field and analytical insights [5]. This research is valuable because it focuses on the theoretical dimension, attempting to identify usage patterns and analyze them using a theoretical framework that incorporates social, behavioral, and psychological theories. It also offers a safe and philosophical interpretation of the phenomenon, grounded in an analysis of credible scientific research [6].

With an emphasis on identifying the fundamental causes of the phenomenon and offering theoretical viewpoints for prevention and intervention, this study attempts to offer a thorough theoretical analysis that advances scientific understanding of patterns of illicit drug use. It also highlights how crucial it is to start theoretical study in order to support community and health policies that are meant to counteract this issue in the future.

## 2. Literature Review

According to scientific literature, illicit drugs are any drugs that are illegal to distribute, that are illegal to consume without a prescription or without legal supervision, or that are illegal to distribute and trade. Among these are illicit psychoactive substances like marijuana, stimulants, and anabolic steroids, which are frequently used for recreational or athletic objectives, as well as more conventional narcotics like heroin and cocaine. It should be mentioned that the term "illicit drugs" includes substances that are produced or cultivated unlawfully, circumvent legal and regulatory processes, pose major health hazards, and seriously impair public health.

Since illegal drugs violate legal, ethical, and health frameworks and represent a behavioral and addictive phenomenon that necessitates a thorough examination using explanatory models based on factors like motivation, dependence, and environment, they can be categorized as problematic products [7].

#### 2.1. Illicit Drug Use Patterns

Depending on the type of substance taken, the reason for using it, the target community, and the social and personal circumstances imposed by the surroundings, patterns of illicit drug use can differ greatly. According to the theory of dependence and addiction, which describes how psychological and chemical factors interact in the brain's response, psychological dependence is the most notable of these patterns. It occurs when a person starts using the substance for recreational purposes or as a way to cope with psychological issues and eventually develops an unstoppable addiction [8].

Additionally, there are several usage patterns with differences in frequency and persistence, such as family, group, and individual use. According to behavior and addiction theories, illicit substances are sometimes used to improve performance at work or in sports, as is the case with stimulants, and other times they are used to cure psychiatric illnesses or alleviate anxiety. Illegal psychotropic medications are frequently used by young people and in social circles that are shaped by both individual and collective ideals. They cause behavioral and psychological shifts and strengthen illegal use behaviors, which are frequently marked by dependence and repetition [9].



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Vol. 03, No. 01, 2025, pp. 1-8



3

# 2.2. Reasons for Use and Motivations (Cultural, Social, and Psychological)

According to theoretical research, psychological, social, and cultural aspects all have a role in the reasons why people take illegal drugs. This calls for a thorough comprehension of the theoretical underpinnings of the incentives driving this action. From a psychological standpoint, attempts to manage negative feelings, including anxiety, sadness, and other psychological problems, are frequently connected to the motivations behind illicit substance consumption. Dependency theory states that psychological coping mechanisms, including escaping or seeking bliss, are important factors in pushing people to use illegal drugs, particularly if they are prone to addiction or lack the coping skills necessary to handle psychological stress.

From a sociological standpoint, some of the causes of illicit drug use include peer pressure, the home environment, and the dissolution of social bonds. Consumer behaviors are seen to be the consequence of group influence or a way for people to identify with a specific lifestyle that is pushed by society or their surroundings [10].

The incidence of illegal drug use is influenced at the cultural level by society values and views on the value of health and risk awareness. Illicit drug use may be perceived in some cultures as a way to escape reality or accomplish personal goals, which helps to foster an environment that encourages the continuance of this activity. Tradition, societal acceptance, and success concepts all have a direct impact on how these medications are marketed and used. Cultural models that uphold the idea of supremacy or power may encourage people to depend on them in order to accomplish their objectives, disregarding the negative effects on their physical and mental well-being.

Furthermore, deceptive advertising and media contribute to how society views illegal substances; some minimize the dangers of using them while exaggerating their purported advantages. Cultural theory holds that cultural factors, particularly within particular societal groups, help to shape thought patterns and legitimize conduct that encourages the use of illegal drugs. In order to alter attitudes and increase understanding of the risks involved, awareness campaigns must be created with these cultural factors in mind [11].

# 3. Theories of explanation

# 3.1. Theories of Addiction and Dependency

One of the most important foundations for comprehending the issue of illegal drug abuse is the notion of dependency and addiction. According to this viewpoint, excessive and frequent use of illegal drugs alters the brain's neurological processes, particularly the dopamine system, which is in charge of rewarding and pleasurable emotions. According to theoretical research, people who have psychological illnesses or are exposed to stressful conditions are more likely to become physically and psychologically dependent on these medications. The ideas of internal and external dependency are central to this paradigm. External dependency is the desire for drugs to alleviate physical or psychological symptoms, whereas internal dependence is the neurological alterations that make it difficult for a person to stop using them [12].

The theories also discuss the idea that addiction is a complicated behavioral and psychological disorder that cannot be adequately explained from a single angle due to its interconnected biological, psychological, and social components. This paradigm emphasizes how using illegal drugs has evolved into a behavior driven by the desire to escape reality, ease psychological suffering, or attain personal goals. This bolsters the need for a thorough framework that connects the biological and psychological aspects of addictive behavior in order to comprehend the phenomena [13].

<sup>4</sup> IBN SINA

Vol. 03, No. 01, 2025, pp. 1-8



#### 3.2. The Theory of Stress and Environmental Factors

According to this idea, psychological stress and environmental factors play a significant role in the propagation and reinforcement of illegal drug use. This theory is predicated on the idea that psychological stress brought on by family issues, poor academic performance, or social expectations causes emotional and psychological disruptions, which leaves people open to looking for ways to escape or lessen these emotions. Thus, the urge for illegal narcotics as a kind of amusement or escape.

According to this hypothesis, people's decisions to take illegal drugs are directly influenced by their surroundings, including the existence of a supportive or unsupportive social network and challenging economic circumstances. People are more likely to turn to drugs as a means of escape or to attain a false sense of achievement if the environment is marked by poverty, marginalization, and a lack of educational and career prospects [14].

#### 3.3. Theories of Social and Psychological Behavior

Using the ideas of motivation and learning, behavioral theory offers an additional framework for researching behaviors related to illegal drug use. It is predicated on the idea that people pick up addictive behaviors through classical or conditioned conditioning processes, in which a situation is linked to a favorable result, like success or euphoria, which encourages the behavior to be repeated and makes it more likely to continue.

Furthermore, behavioral psychology theories emphasize the process of trial and error, whereby people discover that using illegal drugs rapidly accomplishes a certain objective, such as lowering stress or improving performance, and eventually develop a persistent behavioral pattern. Because they lack effective coping mechanisms to deal with difficulties, people who lack psychosocial support and stress coping abilities are also more likely to fall into an illicit drug use cycle [15].

#### 3.4. Examples of Theoretical Analysis Research in the Past

Prior research provides a solid basis for comprehending the phenomenon of illegal drug usage by providing a variety of theoretical models and explanations. Numerous research has demonstrated the intricate interactions between social and individual elements that form addictive behaviors, necessitating the use of several models in order to fully comprehend the issue. The social psychological model, for instance, posits that addiction is the outcome of a complex interaction between a variety of personal factors, including social conditions, mental illnesses, and genetic predisposition. According to this hypothesis, those who suffer from psychological conditions like anxiety or depression are more likely to develop an illicit drug dependence, particularly if their surroundings promote or support it [16].

Furthermore, the social learning model highlights how social contexts' reward systems and repetition help people learn and reinforce the use of illegal drugs. They are more likely to imitate and use these drugs if they witness their peers using them or are exposed to circumstances that show advantages or rewards. The psychodynamic model also discusses how people turn to illegal drugs to alleviate their suffering or gain some control over their lives as a result of internal conflicts and emotional tensions. In order to address the underlying causes of addictive behavior, this paradigm emphasizes the significance of psychological and therapeutic assistance.

Accordingly, research highlights that understanding these models collectively and carrying out a thorough examination of the particular elements in each setting can aid in the development of more potent therapeutic and preventive interventions that focus on the root causes of illegal drug use and offer healthier substitutes for managing social and psychological stress and difficulties [17].







# 4. Health, Social, and Psychological Effects

#### 4.1. Health Effects

In addition to generating addiction, the health repercussions of illicit drug usage disrupt numerous bodily systems, leading to acute or chronic illnesses and health issues. Theoretically, health effects can be divided into a number of categories, including infectious diseases brought on by users' unhealthy behaviors, like sharing tools or injecting drugs, as well as direct effects on the nervous system, like anxiety, hallucinations, and disturbed sleep, particularly when psychotropic drugs are used illegally. Many theoretical studies suggest that illicit drug addiction is a chronic disease with overlapping psychological and physical factors that can result in psychological disorders like anxiety and depression as well as other diseases like liver and kidney disease and heart disorders, particularly with prolonged and frequent use. Furthermore, certain medications may result in tissue damage, toxicity, or epileptic seizures. This emphasizes the significance of comprehending the related biological and psychological processes as well as the necessity of creating theoretical models that explain how users go from casual use to dependency and addiction [18].

# 4.2. Social Impacts

Illicit substances have a profound impact on society as a whole, causing a vicious cycle of social decay that extends beyond the impacts on the individual. Social and behavioral psychological theories suggest that using illegal drugs can generate financial difficulties, violent behavior, and family disputes brought on by addiction or poor management, all of which can cause family connections to fall apart. Additionally, analytical models point out that addicts frequently experience social exclusion and that their actions are viewed as harmful, endangering the stability of society. It is challenging to put prevention and treatment programs into place because illicit drug use is seen from the standpoint of social interaction theories as a contributing factor to the rise in crime, communal violence, domestic violence, and the decline of social values. Addiction-related health issues can also put more strain on healthcare systems, decrease job prospects, and raise poverty rates, all of which contribute to economic downturns that encourage the use of illegal drugs as a short-term fix or escape route [19].

#### 4.3. Psychological Effects

A significant contributing component to the escalation of illegal drug use is thought to include psychological impacts, which are essential in promoting addiction and dependence. Illicit drug use has been linked to mood problems, internal conflicts, and a number of psychological diseases, such as sadness, anxiety, tension, and hallucinations, according to behavioral and psychological theories. According to the psychological dependence hypothesis, frequent use of illegal drugs alters brain chemistry, reinforcing physical and psychological reliance and making cessation challenging. According to behavioral theories, people use drugs to momentarily elevate their mood or to escape psychological stress, which feeds a vicious cycle that is hard to escape. However, these models emphasize that habitual usage and drug-based coping mechanisms lead to psychological dependency, which raises the risk of developing chronic addiction over time.

A decline in self-esteem and confidence, as well as a higher chance of developing other psychological issues like personality disorders and social isolation, are further psychological consequences linked to illicit drug use. These have a detrimental effect on people's social, academic, and professional performance as well as their quality of life. As a result, comprehending and analyzing the psychological impacts using cognitive and behavioral models greatly aids in the creation of successful therapeutic and preventative initiatives to deal with this issue and guarantee long-term mental health for the general public [20].

5





# 5. Various Trends and Their Effects

#### 5.1. Examining Use Trends and How They Affect Public Health

The use of illegal drugs is a complex phenomenon, with usage patterns varying widely based on social, cultural, and psychological factors. Patterns in this setting fall into a number of primary types, each having unique traits and public health implications.

## A. Pattern of Temporary and Experimental Use

Among adolescents and young people, this pattern is thought to be among the most common. People randomly start experimenting with illegal drugs, frequently as a result of curiosity, peer pressure, or just wanting to try something different. According to behavioral theory, this tendency results from a reaction to outside stimuli, such friends or the academic setting, which encourage drug usage as a way to momentarily forget psychological issues or improve confidence. This pattern has detrimental impacts on mental health, despite its possible short length. A brief encounter has the potential to develop into a long-lasting pattern that progressively results in psychological dependence and the short- and long-term health issues that follow [21].

#### B. Chronic and Compulsive Use Pattern

This pattern illustrates a condition where use changes from a passing experience to a chronic, compulsive state that takes over a person's life. According to the notion of dependency and addiction, this pattern emerges when a person gradually becomes physically and psychologically dependent and starts using drugs frequently and heavily, increasing dosages to improve mood or ease social or psychological symptoms. Psychological illnesses like anxiety, depression, and chronic mental illness frequently accompany this pattern. Persistent usage impairs mental processes and emotions of wellbeing, which worsens the person's overall health and makes treatment and sobriety more difficult [22].

# C. Targeted and Selective Use Pattern

This pattern involves the selective use of illegal drugs to improve performance, especially in athletes or students, in order to improve psychological and physical integration or performance in particular contexts. The hypothesis of psychological stress and social expectations states that the pressures of academic or athletic pursuits have a significant impact on the motivations behind this pattern, which makes people see drugs as a rapid and efficient way to reach their objectives. This pattern primarily affects physical health, raising the risk of accident, chronic sickness, and psychological issues, as well as causing fast reliance that can lead to chronic addiction [23].

#### D. The Most Common Sociocultural Trend

This pattern indicates extensive usage in cultural or familial contexts where using illegal substances is regarded as a social or cultural tradition, or where it is commonly used by some groups as a way to escape reality or as a component of social rituals. Theories of cultural and social frameworks have an impact on this pattern because they highlight how cultural context shapes usage patterns and the degree to which these patterns are accepted or rejected. This trend causes the phenomena to spread more widely and makes prevention more difficult, particularly when use is accepted as normal. This puts a strain on the healthcare system and raises the prevalence of diseases linked to addiction [24].

#### 5.2. Theoretical Frameworks for Factors and Root Causes

The development of use patterns is thought to be significantly influenced by social, cultural, and environmental variables. The media, customs, familial pressures, and societal expectations all have an impact on people's decisions to use illegal drugs. The social learning hypothesis states that



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Vol. 03, No. 01, 2025, pp. 1-8



conduct is learned by imitation and observation, which encourages the spread of particular patterns, particularly when such patterns are connected to success, power, or an escape from reality.

According to the framework of psychological and developmental stress theory, people who are experiencing emotional difficulties or psychological pressures and do not have access to sufficient psychological support are more likely to turn to illegal drug use as a coping mechanism or escape, which perpetuates patterns of chronic or selective use. The theory of dependence and addiction also emphasizes how prolonged use increases physical and psychological dependence, turning experimental or infrequent use into a chronic, compulsive pattern linked to psychological and medical conditions that are challenging to treat and control [25].

Economic considerations are also important since living conditions are weakened by poverty, unemployment, and a lack of employment prospects, which increases the use of illegal drugs as a form of entertainment or escape. This is in line with economic theory, which holds that high rates of problematic conduct are correlated with substandard living conditions. Since a thorough analysis that considers social, psychological, and cultural factors as well as the activation of theoretical frameworks to explain and analyze the phenomenon in a way that aids in the design of effective preventive and therapeutic programs is necessary, it is crucial to comprehend these factors in an integrated manner in order to develop effective prevention and treatment strategies.

### 6. Results and Discussion

# 6.1. Various Illicit Drug Use Patterns and Their Differing Effects on Public Health

Theoretical research has demonstrated that patterns of illicit drug use differ greatly based on environmental, societal, and personal factors, leading to a variety of health consequences. In contrast to chronic or dependent usage, which leads to major health conditions including addiction and concomitant mental illness, selective or intermittent use is frequently linked to momentary psychological issues or social situations and has generally short-term health impacts. According to behavioral and social theories, prolonged use causes structural and functional alterations in the brain that lead to physical and psychological dependence, making treatment more difficult and resulting in worse health outcomes.

The framework of dependency and addiction theory, which describes how neurological and psychological alterations cause sporadic use to develop into a chronic habit necessitating long-term therapeutic interventions, is used to examine these findings. According to theories of psychological stress and environmental influences, the transitory pattern also reflects challenging psychological and emotional conditions and is frequently linked to social pressures such family dissolution or isolation [26].

#### 6.2. The Harmful Effects of Common Use Patterns on Users' Physical and Mental Health

It has been demonstrated that multifaceted usage patterns, which vary in intensity and extent, result in serious health harm. According to the descriptive theory of psychological islanding, long-term use not only results in physical addiction but also psychological illnesses as anxiety, depression, and personality disorders. Additionally, theoretical research has demonstrated that using illegal drugs frequently increases the danger of organ failure, infectious infections, and psychological abuse brought on by addiction. This emphasizes the necessity of putting early prevention methods into practice as well as physical and psychological intervention techniques.

The results were examined in the context of psychological stress theories, which describe how people may turn to drugs as a way to cope with or escape psychological discomfort when they are under situations of suffering and ongoing stress. Alongside this, there is a decline in overall health and a higher chance that the sickness will worsen and develop into a chronic mental illness or disease [27].

7



#### 6.3. Use patterns' social effects and how they affect social and societal structures

Theoretical studies have shown how patterns of illicit drug use cause profound shifts in social structures, with growing socioeconomic disparities, poor family relationships, and a decline in social functioning all being direct effects of the issue. Legal or social illiteracy is a characteristic of users, and the degree of use is correlated with the decline in family unity and social values.

According to social theories, the proliferation of illegal drug use creates a culture of hopelessness and despair, raises crime and violence rates, and exacerbates the marginalization of vulnerable groups. These factors all work together to foster unfavorable attitudes about society. Thus, the issue necessitates multifaceted intervention, which includes reestablishing values, fostering social solidarity, and creating community-level preventive initiatives grounded in the theory of social integration [28].

# **6.4.** Future Opportunities and Difficulties in Using Theoretical Teachings to Address the Phenomenon

According to the theoretical analysis, the ongoing prevalence of illegal drug use presents difficulties for the future that call for integrated approaches grounded on cross-cutting theoretical frameworks. Psychological and social rehabilitation, as well as awareness and education initiatives, need to be strengthened, according to behavioral theory and counseling models. In order to address underlying causes, reduce symptoms, and achieve sustainable recovery, the addiction framework highlights the need for multifaceted treatment approaches, such as psychotherapy, drug treatment, and social interventions. However, in order to stop the phenomena from spreading and maintain its beneficial effects, societal theories stress the significance of creating support systems, creating preventive laws, and enhancing social and economic circumstances. Therefore, to improve program success and lessen future issues related to patterns of illicit drug use, collaboration between health, security, and community institutions is crucial [29].

#### 7. Conclusion

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This study emphasizes the significance of the results in advancing our knowledge of illicit drug use patterns and their wide-ranging effects on society and public health. Researchers and policymakers can find hotspots and practical ways to stop the phenomena by using a thorough theoretical framework that explains the motivations and reasons for use while emphasizing the impacting elements. Additionally, examining the immediate as well as possible long-term health and social effects increases awareness and supports the pressing need to create preventative measures and context-appropriate therapy approaches.

Since the research's conclusions are grounded on a theoretical analysis based on several models and hypotheses, they have scientific significance and can be used as a guide for future studies as well as health and social policy. Efforts to fully and cogently address the problem of illicit drug use are made possible by an understanding of behavioral patterns and underlying reasons, which serves as the foundation for creating more effective awareness campaigns, rational prevention measures, and enhanced treatment programs.

In the end, the significance of this study becomes apparent as a thorough theoretical guide that advances the scientific community. In order to improve knowledge gains and create long-term solutions to the problems caused by this phenomenon, both locally and globally, it urges more applied and theoretical research.







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