DESCRIPTIVE ANALYSIS OF FACTORS ASSOCIATED WITH SUBSTANCE USE AMONG COMMERCIAL MOTORCYCLISTS IN ADO-EKITI, EKITI STATE, NIGERIA

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Abstract

Psychoactive substance abuse is a global health concern causing both social and public health problems. Man has used various substances to achieve relaxation, pleasurable state of mind as well as to alter both the physiological and psychological functioning of the body system. Like in other urban areas in Nigeria, motorcycles in Ekiti State are operated by mostly youths. Majority of Nigerian commercial motorcyclists ignorantly depend on drugs such as Tobacco, Indian hemp, cocaine, morphine, heroin, alcohol, ephedrine, caffeine, barbiturates and amphetamines) for their various daily activities. Therefore, the study examined the determinants of psychoactive substance consumption among commercial motorcyclists in Ado-Ekiti, Ekiti State, Nigeria. The study adopted descriptive survey research design. The target population for the study was all registered commercial motorcyclists operating in Ado Local Government Areas of Ekiti State. The sample for the study consisted of 200 registered motorcyclists in Ado- Ekiti. The sample was selected using multistage sampling procedure involving simple random sampling technique. A self-developed research instrument tagged "Psychoactive Substances Consumption Questionnaire" (PSCQ)" was used to collect relevant data for the study. The instrument is of two sections. The face and content validity of the instrument were ensured and the reliability was determined using Cronbach Alpha yielding a reliability coefficient of 0.75. Data collected were analyzed using descriptive statistics involving frequency counts, percentages and mean. Factors influencing consumption of psychoactive substances use include: to boost energy, peer group/friends influence, for relaxation, to forget about problems, to increase masculinity, to improve cycling performance, for social interaction, to increase mental alertness, to increase appetite and to reduce stress. In the light of the findings, it was recommended that, there is need for increased awareness campaign by health educators to enlighten the commercial motorcyclists on the debilitating consequences of psychoactive substance consumption. Also, government through its regulatory agency should enforce strict compliance to Drug Use Act by imposing appropriate sanctions on herring commercial motorcyclists.

Keywords: Determinants, psychoactive, consumption, commercial, motorcyclists

Introduction

Psychoactive substance abuse is a global health concern causing both social and public health problems. Psychoactive substances have been described as chemical substances or drugs which when taken has the ability to modify ones perception, mood, cognition, behaviour or motor functioning. The use of substances through various methods seems to have been part of human experience from time immemorial. Man has used various

achieve substances to relaxation, pleasurable state of mind as well as to alter both the physiological and psychological functioning the body of (Adegboyega & Awosusi 2012). Though some substances are useful if used appropriately have been of benefit to man on the other hand, the inappropriate use could constitute tremendous dangers not only to individual but the society at large.

Studies have shown that the types of psychoactive substances commonly

include alcohol. tobacco. consumed coffee, cocaine, and (an alcoholic herbal mixture) others include tramadol, heroin, codeine and amphetamine. However, the subsequent synthesis of other psychoactive substances has given rise to many useful ones but with adverse effects. These substances are consumed in various ways. which include eating, drinking, smoking, sniffing or nasal insufflations as well as injection into the skin subcutaneously, intramuscularly, intravenously or (Okpatakn & Loils, 2011 Adegboyega & Awosusi, 2012). The use of psychoactive substances is not limited to the youth on the street alone but has found wide patronage among commercial motorcyclists in Nigeria (Gudaji & Habib 2016, Bako, Atsaakaa & Dare, 2020).

There is no doubt that motorcycles are becoming increasing popular means of public transportation for middle and low income earners in Nigeria, affordability, convenience, easy accessibility and ability to ply on poor roads and navigate through traffic congestions. Based on this fact. commercial motorcycle operation is therefore widely used in urban areas in Ekiti State.

Like in other urban areas in Nigeria, motorcycles in Ekiti State are operated by mostly youths. Majority of motorcyclists Nigerian commercial ignorantly depend on drugs such as Tobacco, Indian hemp, cocaine, morphine, alcohol, ephedrine, heroin, caffeine, barbiturates and amphetamines) for their various daily activities (Oshikoya & Alli, 2016). Any substance that the ingestion can result into an euphoric (high) feeling can or have significant calmative effect on the body can be abused. For instance legal substances like alcohol or illegal drugs like marijuana (in most states), cocaine, inhalants like household cleaners are some of the most commonly abused because of the euphoric or calmative effects on the body. The reason for the increase in the

number of commercial motorcyclists may be due to the current lack of employment for the youth, many young men have taken up commercial motorcycling as a means of livelihood also the reason the commercial motorcyclists must double their performance and bring more income to the family may be due to the poor economy condition in the country. To meet their target, they are prompted to consumed substances, engage in excessive speed and act aggressively.

It is not out of place to reason that commercial motorcyclists may be exposed to a greater risk of road crashes and injuries as they spend more hours on the road and have different incentives for taking risks than other road users. This may account for the rationale for psychoactive substance consumption among commercial motorcyclists. However, the surge in road accidents leading to the increase in the number victims in the orthopedic department of Ekiti State University Teaching Hospital is worrisome and needs urgent attention. The increase has been linked to road accidents, often attributed to the irresponsible behavior and negative attitude of operators, which are in turn connected to drug addiction.

Commercial motorcyclists seem to be at higher risk of substances use compared to the general population because of the burden of enormous work ranging from looking for passengers from one place to another and conveying of loads at a regular interval.

The type of psychoactive substances that commercial motorcyclists use may depend on knowledge of the substance, availability and affordability. Meanwhile, the pattern of psychoactive substances consumption seems to have changed because the substances are readily available for the commercial motorcyclists which make the users 'to get high' such include, combination of glue, inhaling of gutter- water, fumes, monkey tail and petrol which makes them high, flurazepam

which make them forget about any present problems, and tramadol which is an analgesic but being misuse as psychoactive agent. Also included are some over the counter drugs such as diclofenac. ibuprofen, and cough expectorant, (UNODC, 2021). However, the use of one type of substance may lead to multiple consumption. substances observation, involvement of youths in operating commercial motorcyclist seems to consume alcohol and cigarette smoking tends to precede the use of other hard drugs.

Studies carried out by Kacwamu (2010) had noted that most tribes have a culture of brewing alcohol in homes, thus exposing young people in those homes to alcohol consumption at a young age. The same source also indicated commercial motorcyclists engage in binge drinking during public events, garage and parties where local alcohol manufacturing companies sell it at discounted prices. there are bars that provide conductive environment for commercial drivers to use alcohol and other psychoactive substances. Strong alcohol base concoctions are available near motor parks where the commercial drivers normally stroll down to take all sorts. They give various names such as "opaeyin", "sepe", "agbojedijedi", 'agboiba" but are all highly intoxicating and affect the central nervous system. Boredom is another reason commercial motorcyclists find themselves in drugs. According to Manbe (2015) reported, Indeed, the reason many people become addicted to drug is their bad association with those who are abusing alcohol and drugs. It also reported that peer pressure and curiosity often play significant role, especially commercial motorcyclist (Manbe, 2015)

Mccleland, David, Kalin and Wanner (2008) revealed that commercial motorcyclists consumed psychoactive drugs to prove their masculinity and achieve feelings of adequacy and competency. Social pressures, from peers, family, and societal role models are at the top of the list of reasons why adolescents initiate substance use and their continued use may be socially and environmentally driven. Predisposition toward rebelliousness, nonconformity, and independence also feature prominently.

Psychoactive substances consumption may also be the leading factors threatening the peace and community development as most lives which are lost on daily basis through traffic accidents could be associated with substance consumption, also operators riding under aggression and anxiety may lose concentration and thereby causing accidents to the road user.

In trying to identify commercial motorcyclists consumed psychoactive substances, study by Habadu (2013) shown that the main causes of psychoactive substances consumption to include curiosity to experiment the unknown facts about drugs which can launch adolescents into drug use. Studies have shown that the first experience in substance abuse produces a state of arousal such as happiness and pleasure, which in turn motivate them to continue. Adekeye, et.al (2015) Likewise, peer pressure plays a major role in influencing many adolescents into substance abuse. This is because peer pressure is a fact of teenage and commercial motorcyclist life. As they try to depend less on parents, they show more dependency on their friends. In Nigeria, as other parts of the world, one may not enjoy the company of others unless he conforms to their norms. Lastly, many parents have no time to supervise their sons and daughters. Some parents have little or no interaction with family members, while others put pressure on their children to pass exams or perform better in their studies.

Fasoro, et.al, (2020) studied sociodemographic characteristics associated with cigarette smoking, drug abuse and alcohol drinking respondents. The among study descriptive cross-sectional was conducted among 109 commercial motorcyclists in ijero township Ekiti state, Nigeria. 109 commercial motorcyclists were purposively selected; a semi structure questionnaire was designed to information from the respondents. Multiple regression showed that mother's educational level, living place, economic status, and parents' divorce were the most influential predictive factor in substance abuse. Fasoro et al (2020) concluded that it is essential to pay attention to predictive factors mentioned in the study findings in order to prevent substance abuse among young adults.

Onyencho, et, al, (2018) examined demographic characteristics as predictors of psychoactive substance use disorders. This cross-sectional survey study used accidental techniques recruit sampling to psychoactive substance users across Maiduguri Metropolitan Council (MMC) into the study. The study revealed that tramadol. cannabis. and cigarette respectively were the most problematic substances for participants when cessations occur and demographic characteristics did not predict psychoactive substance use disorders.

Socio-demographic characteristics showed that over 83% males consumed psychoactive substance because of socio-cultural influences, but recently, females have also been reported to consumption of psychoactive substances. This study sought to determine the factors responsible for consumption of psychoactive substances among commercial motorcyclists in Ado-Ekiti, Ekiti- State, Nigeria.

Research Question:

- i. What are the types of psychoactive substances commonly consumed by commercial motorcyclists in Ado Ekiti?
- ii. What are the factors influencing the consumption of psychoactive substances?

Research Hypotheses:

- i. Age of the respondents will have no significant influence on the consumption of psychoactive substance.
- ii. Marital status of the respondents will have no significant influence on the consumption of psychoactive substance,
- iii. Educational background of the respondents will have no significant influence on the consumption of psychoactive substance,
- iv. Years of experience of the respondents will have no significant influence on the consumption of psychoactive substance,
- v. Religion of the respondents will have no significant influence on the consumption of psychoactive substance,
- vi. Motorcycle ownership will have no significant influence on the consumption of psychoactive substance.

Methodology

The study adopted descriptive survey research design. The research design is considered appropriate because it describes the existing situation regarding psychoactive substances consumption pattern, motive for use and the health effects. The target population for the comprised all registered commercial motorcyclists operating in Ado Local Government Areas of Ekiti State. The sample for the study consisted of 200 registered motorcyclists in Ado- Ekiti. The sample was selected using multistage sampling procedure. In stage one, five wards were selected out of thirteen wards in Ado Local Government using simple random sampling techniques. In stage two, one (1) commercial motorcyclist's parks were selected from each (5) wards earlier selected using simple random sampling technique. In stage three, twenty (20) commercial motorcyclists were selected from each motorcyclist parks in each of the wards where there are heavy users of okada using

simple random sampling technique. A self-developed research instrument tagged "Psychoactive Substances Consumption Questionnaire" (PSCQ)" was used to collect relevant data for the study. The instrument comprised of six sections. The face and

content validity of the instrument were ensured and the reliability was determined using Cronbach Alpha. A reliability coefficient of 0.75 obtained proved that the instrument has high reliability.

Results

Table 1: Socio-demographic characteristics of the study participants

Socio-demographic characteristics	Frequency (n=200)	Total (%)						
Age (mean= 29.49 SD=5.79)								
Under 18 years	19	9.5						
19 – 23 years	25	12.5						
24-28 years	39	19.5						
29-33 years	29	14.5						
33 years and above	88	44.0						
Marital status								
Married	111	55.5						
Single	52	26.0						
Divorced	25	12.5						
widow/ widower	12	6.0						
Religion								
Christianity	118	59.0						
Islam	65	32.5						
Traditional	7	3.5						
Others	10	5.0						
Level of education								
No formal Education	26	13.0						
Primary School	13	6.5						
Secondary School	97	48.5						
Post-secondary Education	64	32.0						
Years of experience								
Under 1 year	31	15.5						
1-3 years	49	24.5						
3-5 years	35	17.5						
Above 5years	85	42.5						
Motorcycle ownership								
Self-owned	112	56.0						
Hired Purchase	55	27.5						
Rented	33	16.5						

Table 1 presents the sociodemographic characteristics of the respondents. The result shows that more than one-third of the study participants (n=88, 44%); representing the majority are 33 years and above, 19 (9.5%) are under 18 years while 25 (12.58%), 39 (19.5%) and 29 (14.5%) are aged 19-23 years, 24-28 years and 29-33 years respectively. The mean age of the commercial motorcyclists is 29.49 ± 5.79 . Most of the respondents (n=111, 55.5%) are married, 52 (26%) single, 25 (12.5%) divorced while 12 (6%) constitutes widow/widower. Concerning religion, more than half of the commercial motorcyclists (n=118, 59%) are Christians,

closely followed by Muslim; 65 (32.5%) while 7 (3.5%) and 10 (5%) indicate traditional and other religion respectively. The most common educational qualification among the study participants is secondary school certificate (n=97, 48.5%). Post-secondary education followed (n=64, 32%) while primary school certificate holders (n=13, 6.5%) is Majority of commercial least. motorcyclists (n=85, 42.5%) had between above 5 years of working experience, 31 (15.5%) indicate less than 1 year while 49

(24.5%) and 35 (17.5%) had 1-3 years and 3-5 years of experience respectively. The mean of years of experience is 7.11 ± 5.25 . The result shows that the highest percentage of commercial motorcyclists (n=112, 56%) indicate self-owned, followed by hired purchase; 55 (27.5%) while rented (n=33, 16.5%) is the least.

Question 1: What are the types of psychoactive substances commonly consumed by commercial motorcyclists in Ado Ekiti?

Table 2: Types of psychoactive substances commonly consumed by commercial motorcyclists in Ado Ekiti

S/N	Types of Psychoactive Substances I	Frequently	Used	Used but	Never	Mean			
	do Take	used	occasionally	discontinued	used				
1.	Indian hemp/ Marijuana (Igbo)	42 (21.0)	64 (32.0)	10 (5.0)	84 (42.0)	2.32			
2.	Lysergic acid Diethylamide (LSD)	12 (6.0)	37 (18.5)	36 (18.0)	115 (57.5)	1.73			
3.	Cocaine	27 (13.5)	25 (12.5)	28 (14.0)	120 (60.0)	1.80			
4.	Amphetamine,	19 (9.5)	49 (24.5)	22 (11.0)	110 (55.0)	1.89			
5.	Caffeine/ Energy drinks (Power Horse/	104 (52.0)	54 (27.0)	13 (6.5)	29 (14.5)	3.16			
	Smirnoff)					3.10			
6.	Cigarette/Tobacco	95 (47.5)	33 (16.5)	30 (15.0)	42 (21.0)	2.90			
7.	Alcohol	103 (51.5)	49 (24.5)	16 (8.0)	32 (16.0)	3.11			
8.	Inhalants (glue, vanish, petrol paint)	32 (16.0)	19 (9.5)	30 (15.0)	119 (59.5)	1.82			
9.	Locally brewed gin (ogogoro/gegemu/	105 (52.5)	43 (21.5)	16 (8.0)	36 (18.0)	3.09			
	opaeyin)					3.09			
10.	Tramadol / Rohypnol	65 (32.5)	30 (15.0)	26 (13.0)	79 (39.5)	2.41			
Criterion mean = 2.50, Percentages are enclosed in parentheses									

Table 2 presents the types of psychoactive substances commonly consumed by commercial motorcyclists in Ado Ekiti. The result indicates that, using a criterion mean score of 2 50 for the affirmative of the statements, all the items had means score below the cut-off point except items 5, 6, 7 and 9. This implies that caffeine/ energy drinks (power horse/ Smirnoff), cigarette/tobacco, alcohol and

locally brewed gin (ogogoro/gegemu /opaeyin) are types of psychoactive substances commonly consumed by commercial motorcyclists in Ado Ekiti.

Research Question 2: What are the factors influencing the consumption of psychoactive substances by commercial motorcyclists?

Table 3: Factors influencing the consumption of psychoactive substances by commercial motorcyclists

S/N	Reasons for Using	SA	A	D	SD	MEAN	RANK	
	Psychoactive Substance							
1.	To boost energy	85 (42.5)	78 (39.0)	10 (5.0)	27 (13.5)	3.11	5 th	
2.	Peer group/friends influence	94 (47.0)	74 (37.0)	19 (9.5)	13 (6.5)	3.24	2 nd	
3.	For relaxation	105 (52.5)	69 (34.5)	16 (8.0)	10 (5.0)	3.35	1 st	
4.	To forget about problems	87 (43.5)	73 (36.5)	23 (11.5)	17 (8.5)	3.15	4^{th}	
5.	To increase masculinity	62 (31.0)	53 (26.5)	53 (26.5)	32 (16.0)	2.73	9^{th}	
6.	To improve cycling performance	97 (48.5)	54 (27.0)	36 (18.0)	13 (6.5)	3.17	$3^{\rm rd}$	
7.	For social interaction	64 (32.0)	51 (25.5)	54 (27.0)	31 (15.5)	2.74	8 th	
8.	To increase mental alertness	56 (28.0)	92 (46.0)	31 (15.5)	21 (10.5)	2.92	6 th	
9.	It is easily affordable	32 (16.0)	61 (30.5)	42 (21.0)	65 (32.5)	2.30	12 th	
10.	To increase appetite	36 (18.0)	77 (38.5)	43 (21.5)	44 (22.0)	2.52	10^{th}	
11.	To reduce stress	64 (32.0)	72 (36.0)	28 (14.0)	36 (18.0)	2.82	7^{th}	
12.	It is readily available	33 (16.5)	56 (28.0)	55 (27.5)	56 (28.0)	2.33	11 th	
Criterion mean = 2.50, Percentages are enclosed in parentheses								

Table 3 presents the factors influencing the consumption psychoactive substances by commercial motorcyclists. The result indicates that, using a criterion mean score of 2 50 for the affirmative of the statements, all the items had means score above the cut-off point except items 9 and 12. This implies that attempt to boost energy, peer group/friends influence, for relaxation, to forget about problems, to increase masculinity, to improve cycling performance, for social interaction, to increase mental alertness, to increase appetite and to reduce stress are factors influencing the consumption of psychoactive substances by commercial motorcyclists. Ranking the reasons for psychoactive using substances commercial motorcyclists shows that 'for relaxation' top the list with a mean score of closely followed by 3.35, group/friends influence' and 'to improve cycling performance' while 'It is easily affordable' is the least in the ranking order.

Discussion

The study showed that caffeine/ energy drinks (power horse/ Smirnoff), cigarette/tobacco, alcohol and locally brewed gin (ogogoro/gegemu/opaeyin) were types of psychoactive substances commonly consumed by commercial motorcyclists in Ado Ekiti. The finding aligns with studies by Okpatakn & Loils (2011), Adegboyega & Awosusi (2012) which showed that the types psychoactive substances commonly consumed include alcohol, tobacco, coffee, cocaine, and paraga (an alcoholic herbal mixture) others include tramadol, codeine and amphetamine. heroin. Similarly, Oshikoya & Alli (2016) posited that majority of Nigerian commercial motorcyclists ignorantly depend on drugs such as Tobacco, Indian hemp, cocaine, morphine, heroin, alcohol, ephedrine, caffeine, barbiturates and amphetamines) for their various daily activities.

The study showed that, to boost energy, peer group/friends influence, for relaxation, to forget about problems, to increase masculinity, to improve cycling performance, for social interaction, to increase mental alertness, to increase appetite and to reduce stress were factors influencing consumption the of psychoactive substances by commercial motorcyclists. Ranking the determinants of psychoactive substances consumption by commercial motorcyclists showed that, 'for relaxation' topped the list with a mean score of 3.35, closely followed by 'Peer group/friends influence' and 'to improve cycling performance' while 'It is easily affordable' constitute the least in the ranking order. The finding is consistent with the study by Adegboyega & Awosusi (2012) which reported that man has used various substances to achieve relaxation, pleasurable state of mind as well as to alter both the physiological and psychological functioning of the body system. Similarly, Manbe (2015), Habadu (2013), Mccleland, David, Kalin and Wanner (2008), Adekeye their studies attributed (2015)consumption of psychoactive substances by commercial motorcyclists to peer and curiosity, prove feelings masculinity and achieve of adequacy and competency.

Conclusion

From the findings of this study, it can be concluded that caffeine/ energy drinks (power horse/ smirnoff), cigarette/tobacco, alcohol and locally brewed gin (ogogoro/gegemu/opaeyin) were types of psychoactive substances commonly consumed by commercial motorcyclists in Ado Ekiti. it can also be concluded that, an attempt to boast energy, peer group/friends influence, relaxation, to forget about problems, and to improve cycling performance constitute critical determinants of psychoactive consumption substances among commercial motorcyclists.

Recommendations

Considering the implication of findings. the following these recommendations considered are necessary. There is need for increased awareness campaign by health educators to enlighten the commercial motorcyclists on debilitating the consequences psychoactive substance consumption. Also, government through its regulatory agency should enforce strict compliance to Drug Use Act by imposing appropriate sanctions on herring commercial motorcyclists.

References

- Awosusi, A.O., Adegboyega, J. A., Adebimpe. W.O & Osunmakinwa O. O. (2021). Alcohol use and compliance with road safety rules among commercial motorcyclists in southwest Nigeria. *Journal of Public Health and Epidemiology*, 13(1), 38-44.
- Adegboyega, J. A., & Akindutire, I.O. (2012). Psychoactive substance institutions consumption and awareness of health effects among students in tertiary in Ekiti State. Journal of Emerging Trends in Educational Research and Policy Studies, 3(3), 257-262,
- Adekeye, O.A., Adeusi, S.O., Chenube, O.O, Ahmadu, F.O (2015)
 Assessment of alcohol and substance use among undergraduate in selected Privates Universities in Southwest Nigeria; *IOSR Journal Human Social Science 2015;20 (3);1-7*
- Awosusi, A.O & J.A Adegboyega (2015) Alcohol consumption and among secondary school students in Ekiti state, Nigeria. *International Journal* of Tobacco Use Education and Research, 3(5), 11-20.
- Fabiyi B.O, Ajibade B.L, Uvomata M, Ebele C, Akinpelu A.O, Adeleke M.A & Akinlabi T. (2016). Factors influencing substances abuse among selected commercial motorcyclists' in Ogbomoso metropolis, Oyo State, Nigeria; *Internal Journal of Health and psychology research* 4(3) 1-7
- Fasoro O., Olusuyi A, Dada A, Adewunmi M, & Oluwatuyi V (2020).

 Assessing substance Abuse among commercial motorcyclists in Ijero Township, Ekiti State, Southwest Nigeria: it's implication

- to Public Health, Journal of Addictions
- Gudaji M.I, & Habib, Z.G. (2016). Socio demographic factors associated with psychoactive substances use among commercial motorcycle operators in Kano, Nigeria. *Open Psychiatry Journal*, 6: 76-85
- Gudaji, M.I., & Habib, Z.G (2016).

 Prevalence of psychoactive substance use among registered commercial motorcycle operations in Kano, Northwestern Nigeria. A Community Study International Journal of Medicine and Medical Science, (10) 105-111
- Hababu, A.A (2010). Outreach Strategies for Curbing Drug Consumption among out of School Youth in Nigeria. A challenge for Community Based Organisation (CBOS) in Garba (ed) Youth and drug consumption in Nigeria Strategies for Counselling Management a control.
- Kacwamu, R (2010). Alcohol in school in Kampala Uganda youth development in psychoactive substances and the English Language: Drugs discourses and Public policies
- Manbe, D.A (2015) Crime and Drug Abuse among Nigeria Youth. A

- Critical Examination in World Health Organisation (WHO) Expert Committee on Drug Dependence 28th report.
- McClelland, D. Davis, W., Kalin, R. & Wammer, H (2008). The drinking man: Alcohol and human Motivation New York
- Onyenchov C, Pindar S. K, Ibrahim A.W, Umeh C, Mshelia A. A, Jidda M. S, Musami U. B, & Wakali M. A (2018). Demographic characteristics as predictor of psychoactive substances use disorder.
- Oshikoya K.A & Alli C (2016). A perception of drug abuse among Nigeria Students. *World Journal of Medical Science*, (2) 133-139
- United Nation Office on Drug and Crime (2013) Challenges on New Psychoactive substances. https//www/unodc.org (NPS)
- United Nation Office on Drug and Crime (2012) World Drug Reports. New York United Nation https://www/unodc.org.
- United Nation Office on Drug and Crime (2021) World Drug Reports. New York United Nation https://www/unodc.org.