

**Central Registration System of
Drug Abusers
of Macao
Annual Report of 2010**

Drug Dependence Prevention and Treatment Department,

Social Welfare Bureau

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1) Background of the Registration System

To perform good anti-drug work, it is very important to have a good grasp of the drug problems and situations in Macao, including the number of drug abusers and the trend of drug abuse. With reference to relevant systems in other regions, the Social Welfare Bureau (hereinafter referred to as "SWB") contacted various governmental and non-governmental organizations and formally established the "Central Registration System of Drug Abusers of Macao" in 2009, through the collaboration of governmental and non-governmental organizations information of drug abusers in contact are being collected, data obtained can reflect the actual.

Goal

To promote and integrate the force of local relevant organizations. Under the premise of individual privacy protection, to centralize data collection, make statistics and analysis information regarding the characteristics and changes of drug abusers in Macao so as to facilitate the establishment of anti-drug related policies and services.

On the other hand, through this system each reporting and cooperating organization may establish a database of the same content to facilitate the acquirement of information of particular drug abusers each organization has contacted in order to help the development of the organization's services.

Content of Registration

Regarding personal identity information, only name, gender and date of birth of the drug abuser will be collected, so that an individual can be identified on the basis that personal privacy is not invaded, in this way repetition of cases can also be avoided. In addition, information regarding place of birth, ethnicity, marital status, status of children, residing area, educational background, occupation and criminal record will also be collected, so as to understand drug abusers' social background.

As to drug abuse condition, information regarding drug type, consumption method, consumption time and frequency, drug expense, consumption place and spot, reason for drug abuse, and even his or her drug abuse history and whether needle sharing was involved etc. will also be collected. These data will obviously be references conducive to the government in regards of the establishment of anti-drug policies and services.

To collect these data, the SWB established a Macao Drug Abusers Central Registration Form (Please see Appendix 1) for each unit to fill in and submit.

Operation Method

This project divides a year into two registration periods, i.e. the first half of the year (from January to June) and the second half of the year (from July to December). Each participating unit should fill in the questionnaire and submit it to the SWB in specific period, the SWB will gather all the data for statistics, analysis, write reports and publish the results regularly. Below is the annual report for the whole year of 2010, those who are interested can also browse the SWB anti-drugs website www.antidrugs.gov.mo.

2) Report Content for the Whole Year of 2010

In 2010, the Central Registration System of Drug Abusers of Macao received reports from altogether 16 organizations/units including 8 governmental agencies/units and 8 non-governmental organizations/units, for the organizations list, please see Appendix 2.

In the whole year of 2010 number of cases reported by the respective units for is 1,058, excluding repeated cases, the confirmed number of drug abusers reported is 673. The following are the figures submitted by respective organizations/units.

Figures Reported by respective organizations/units for the 2010

Name of Organization	Figures	Percentage
Drug Treatment and Rehabilitation Office of Social Welfare Bureau	459	43.4
Macao Prison	80	7.6
Emergency Department of the Public Health Bureau	5	0.5
Psychiatry Section of the Public Health Bureau (Took part in reporting since the second half of 2009)	8	0.8
Education and Youth Affairs Bureau	20	1.9
Community Reintegration Office of the Legal Affairs Bureau	108	10.2
Juvenile Reform School of the Legal Affairs Bureau	5	0.5
Judiciary Police (Took part in reporting since 2010)	111	10.5
Youth Challenge Gospel Drug Rehabilitation Center of Macao	14	1.3
Macao Christian New Life Fellowship– Rehabilitation Center Macao Drug Treatment and Rehabilitation Association –Outreach Section	7	0.7
Macao Christian New Life Fellowship – Youth Outreach	100	9.5
Macao Drug Treatment and Rehabilitation Association - Rehabilitation Center	28	2.6
Macao Drug Treatment and Rehabilitation Association – Outreach department	67	6.3
Macau Renovation and Mutual Assistance Association	0	0
Sheng Kung Hui North District Youth Service Team	33	3.1
Community Youth Service Team of the General Union of Macau Residents Associations	13	1.2
Total number reported by all the organizations	1,058*	100.0

* Excluding repeated cases, the confirmed number of the drug abusers reported is 673.

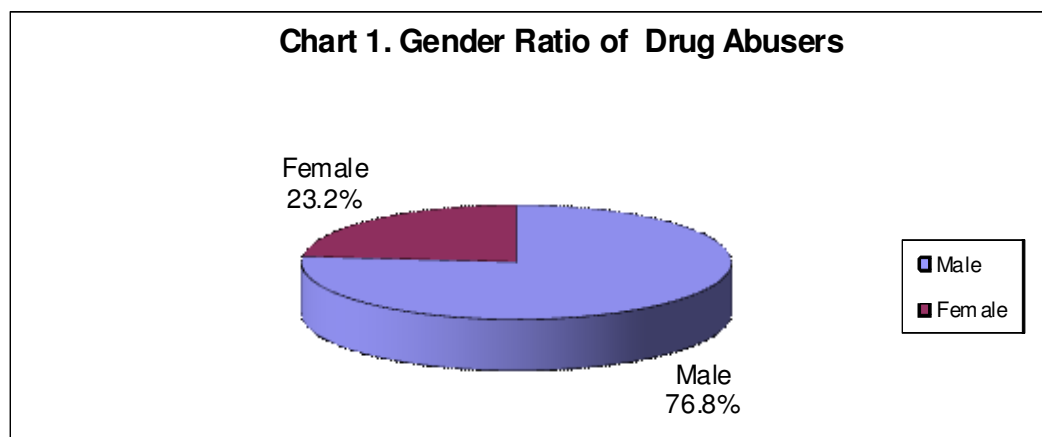
The content of this report will be divided into 5 parts as followed:

1. Overall basic information of reported drug abusers;
2. Overall drug-abusing status of reported drug abusers;
3. Overall Drug-abusing status of reported juvenile drug abusers;
4. Comparison of the situation in 2009 and 2010;
5. Summary

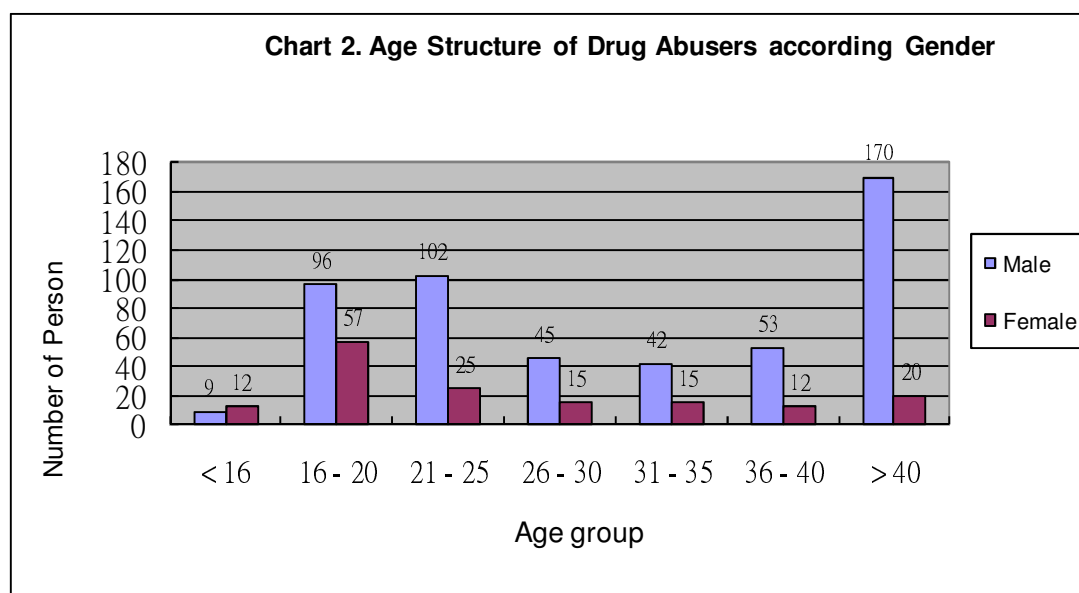
While reading, it should be noted that due to the differences in the working relationship between respective service units and drug abusers while filling in and submitting the forms, some information may not be convenient to be exposed, therefore part of the statistical results may remain unknown, causing the number of the total statistics lesser than the total number of people; some topics are of multiple choice, so the total number of some individual statistics is greater than the overall number of people. In addition, in the Attached Tables 15, 18 and 26, besides the percentage calculated according to the number of person-time, in responds to the actual need, the percentage calculated according to the number of people reported is also shown.

1. Overall basic information of reported drug abusers

1.1 Among the 673 drug abusers reported, male accounts for about three fourths (76.8%), and female accounts for 23.2%. Please see **Chart 1 and Attached Table 2**.

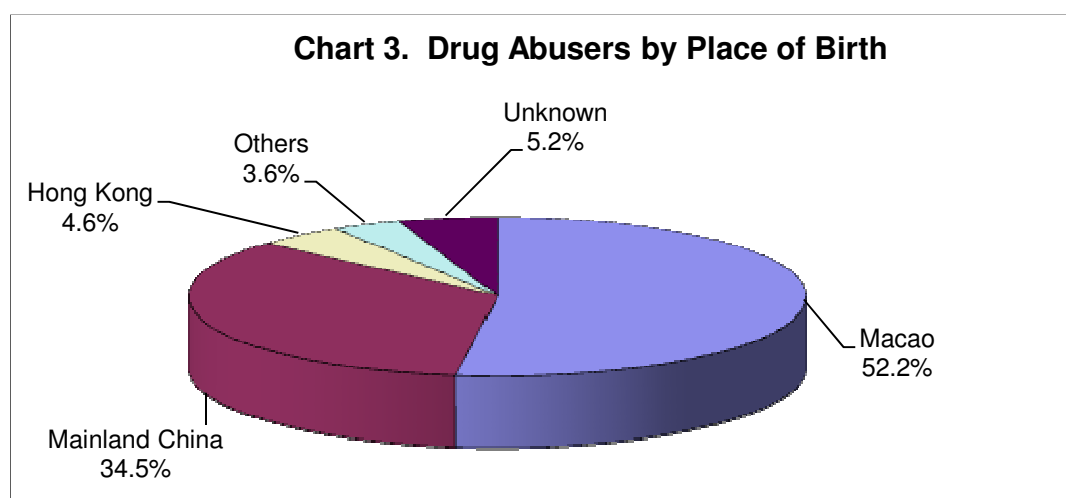


1.2 Among the drug abusers reported, the youngest one is 13 years old, the eldest is 86 years old, and the average age is 31.9. If 30 is used as a demarcation, drug abusers less than 30 years of age account for 44.7% and those over 30 years of age account for 55.3%. Among the respective age groups, the group over 40 years of age and the group between 16 to 20 years of age are the largest, accounting for 28.2% and 22.7% respectively. There are 21 person under 16 years of age accounting for 3.1%. Please see **Chart 2 and Attached Table 3**.



1.3 In terms of gender, further analysis shows that male under 21 years of age accounts for 20.3% of the total number of male; female under 21 years of age account for 44.2% of the total number of female, which is 18% more than that of the total drug abusing population of the same age group (25.8%) . Please see **Attached Table 3**.

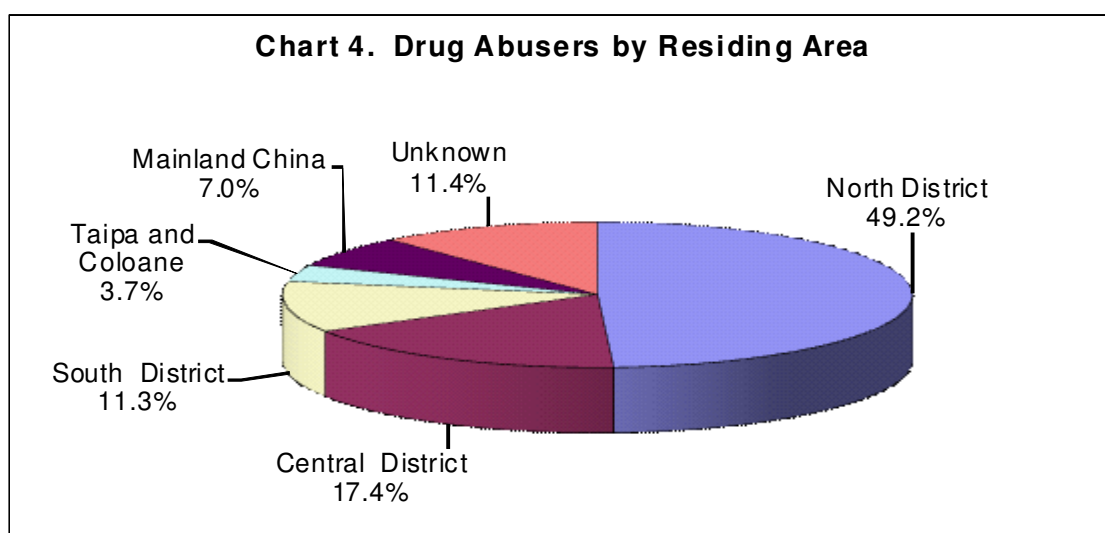
1.4 According to place of birth, the order of proportion is: 52.2% Macao, 34.5% Mainland China, 4.6% Hong Kong, and 3.6% other places. Please see **Chart 3 and Attached Table 4**.



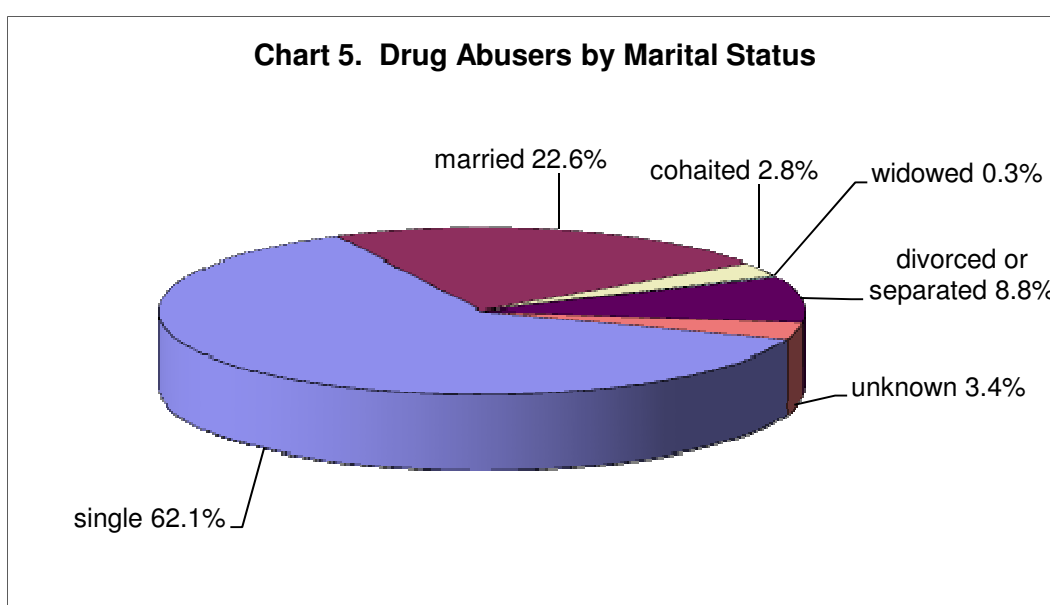
1.5 According to ethnicity, Chinese accounts for 94.8%. Please see **Attached Table 5**.

1.6 According to citizenship, Macao citizens account for 83.7%, and non-Macao citizens account for 11.7%. Please see **Attached Table 6**.

1.7 According to residing area, the order of proportion is: 49.2% in North District, 17.4% in Central District, 11.3% in South District, 7% in the Mainland China, 3.7% in Taipa and Coloane, unknown in other areas. We can say that most of the reported drug abusers live in North District. Please see **Chart 4 and Attached Table 7**.

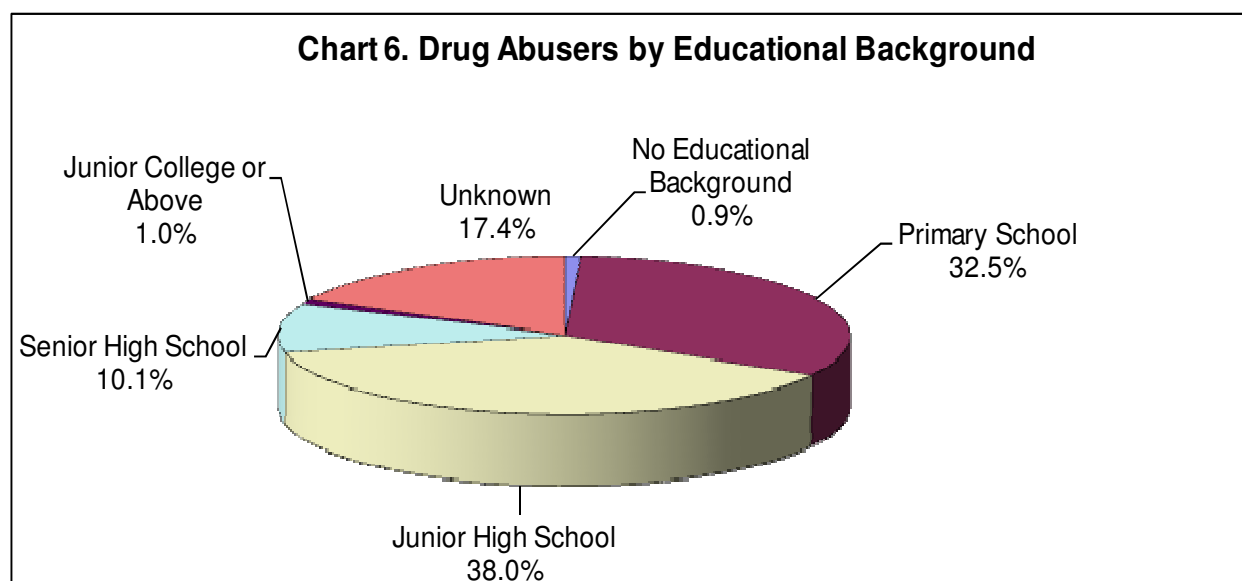


1.8 According to marital status, the order of proportion is: 62.1% single, 22.6% married, 8.8% divorced or separated, 2.8% cohabited, 0.3% widowed, and the rest unknown. Please see **Chart 5 and Attached Table 8**.

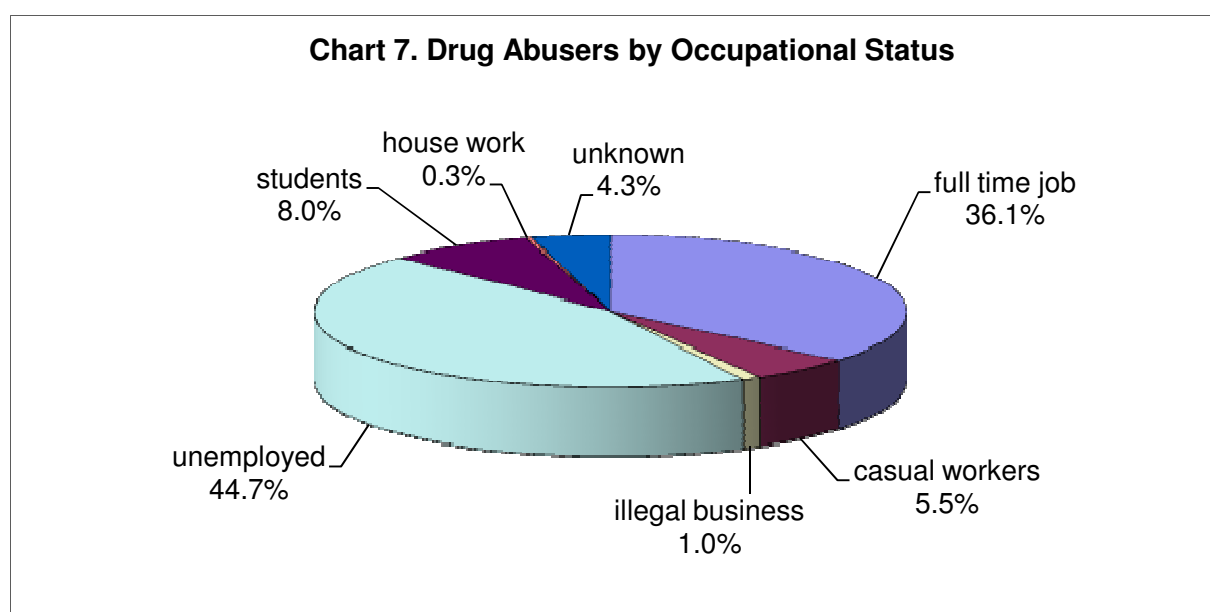


1.9 According to status of children, the order of proportion is: 49% with no children, 26.4% with children, and the rest unknown. Please see **Attached Table 9**.

11.0 According to educational background, the order of proportion is: 32.5% with primary school education, 38% with junior high school education, 10.1% with senior high school education, 1% with junior college education or above, 0.9% without educational background and the rest unknown. Please see **Chart 6 and Attached Table 10**.



1.11 According to occupational status, the order of proportion is: 44.7% unemployed, 36.1% with full-time job, 8% students, 5.5% casual workers, 1% in illegal business, and 0.3% house work. Please see **Chart 7 and Attached Table 11**.

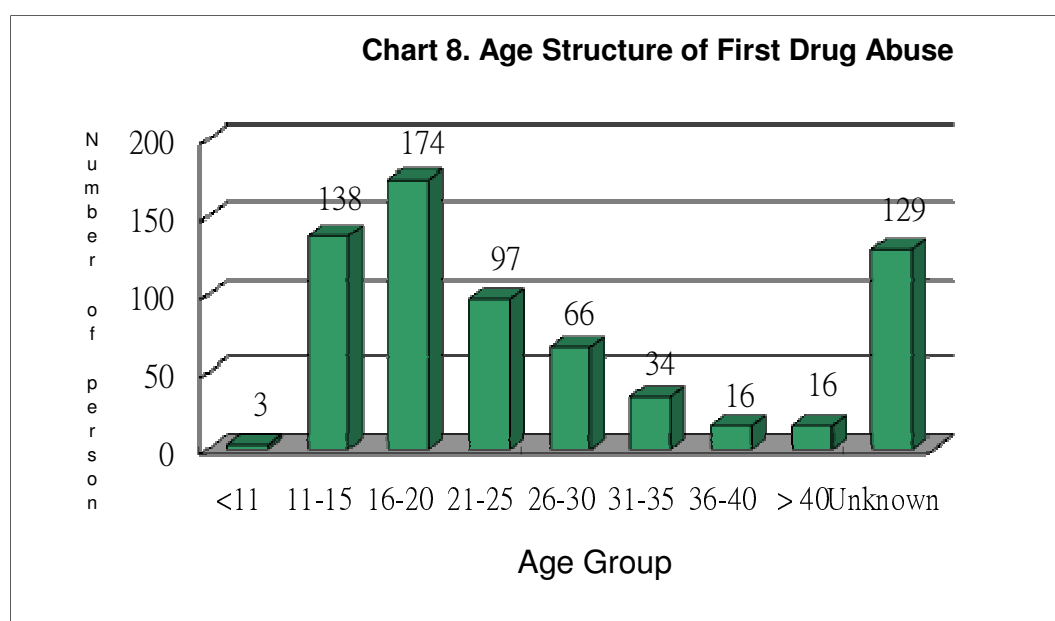


1.12 As to other family members, 57.8% do not use drugs, 7.9% use drugs and the rest remain unknown. Please see **Attached Table 12**.

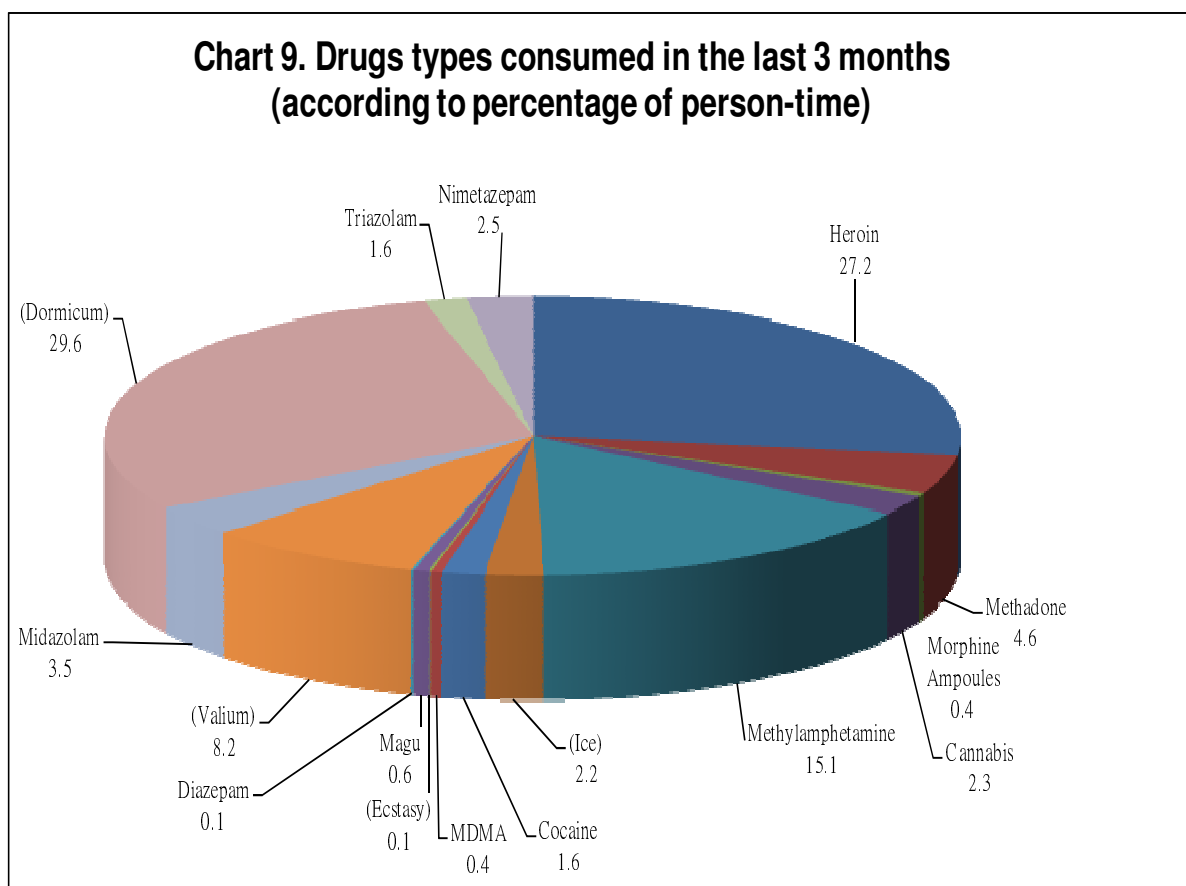
1.13 As to criminal records of the reported drug abusers, those with criminal records account for 40%, those without account for 32.4%, and the rest remain unknown. Please see **Attached Table 13**.

2. Overall Drug-abusing Status of Reported Drug abusers

2.1 As to the age of first drug abuse, the average age of first drug abuse of the reported drug abusers is 21.4. On the whole, the majority of the drug abusers began drug abuse in their youth, most of them at the age of 16 to 20 (25.9%), followed by the age group of 16 and below (20.9%). Furthermore, there is a tendency that female drug abusers began drug abusing comparatively earlier; among female drug abusers those under 16 years of age account for 29.4% of the total female drug abusers, which is also 9 % higher than that of the overall drug abusers of the same age group(20.9%). Please see **Chart 8 and Attached Table 14.**



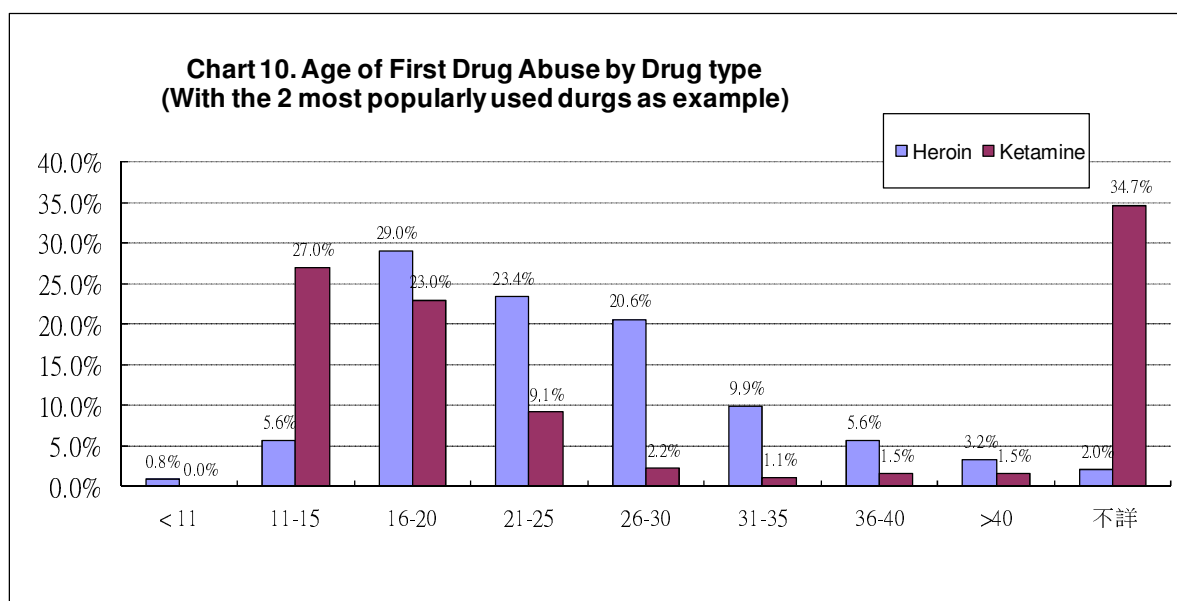
2.2 In regards of the popularity of different types of drugs according to the reported 927 cases, the order of the top five types of drugs taken over the past three months is as follow: Ketamine (“K Zai”) 29.6%, Heroin (“white powder”) 27.2%, ice 15.1%, Triazolam (“Smurfs”)8.2%, Methadone 4.6%. Please see **Attached Chart 9 and Table 15.**



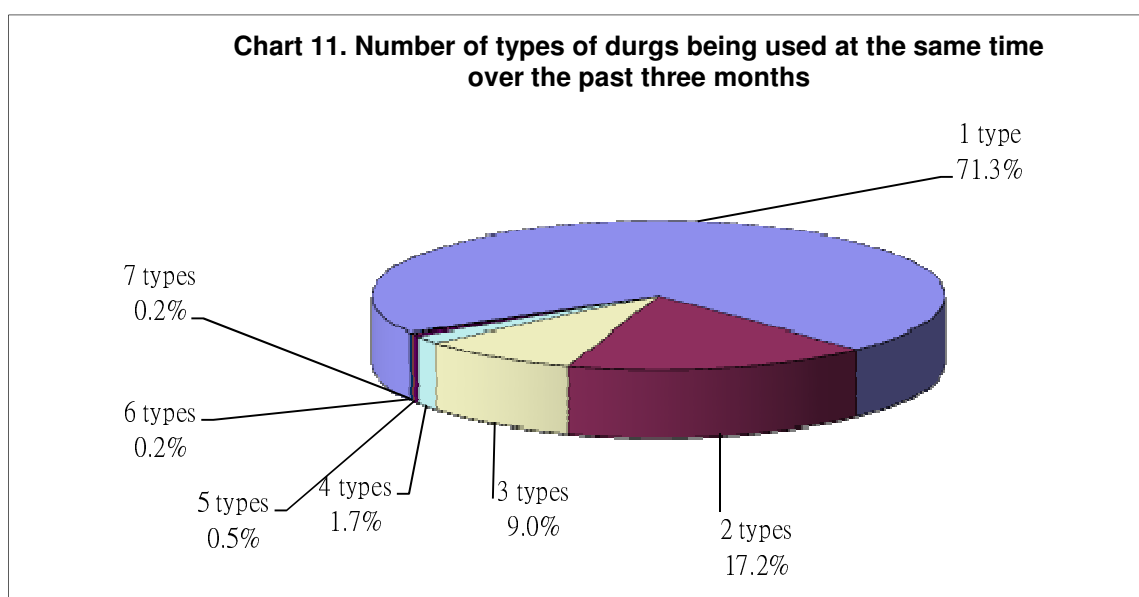
2.3 If calculation is made according to the confirmed reported number of person 673, the percentage of drug abusers is higher than the percentage calculated according to person-time, the order of the top five types of drugs is as follow: ketamine (“K Zai”) 40.7%, Heroin 37.4%, ice 20.8%, Triazolam (“Smurfs”) 11.3%, Methadone 6.4%. Please see **Attached Table 15**.

2.4 Data shows that traditional heroin users tend to be elder with an average age of 44.7; while the drug abusers of the new-type drug, ketamine (“K Zai”), tend to be younger with an average age of 23.2 . Please also see **Attached Table 15**.

2.5 As to the age of first drug abuse, the average age of first drug abuse of the traditional drug heroin is 24.8, and those who began drug abusing at the age of 16 to 30 accounts for 73%. Those who abused the new-type drug ketamine started even earlier, the average age being 18.4, and those who began drug abusing at the age below 21 account for 50%. Please see **Chart 10 and Attached Table 16**.

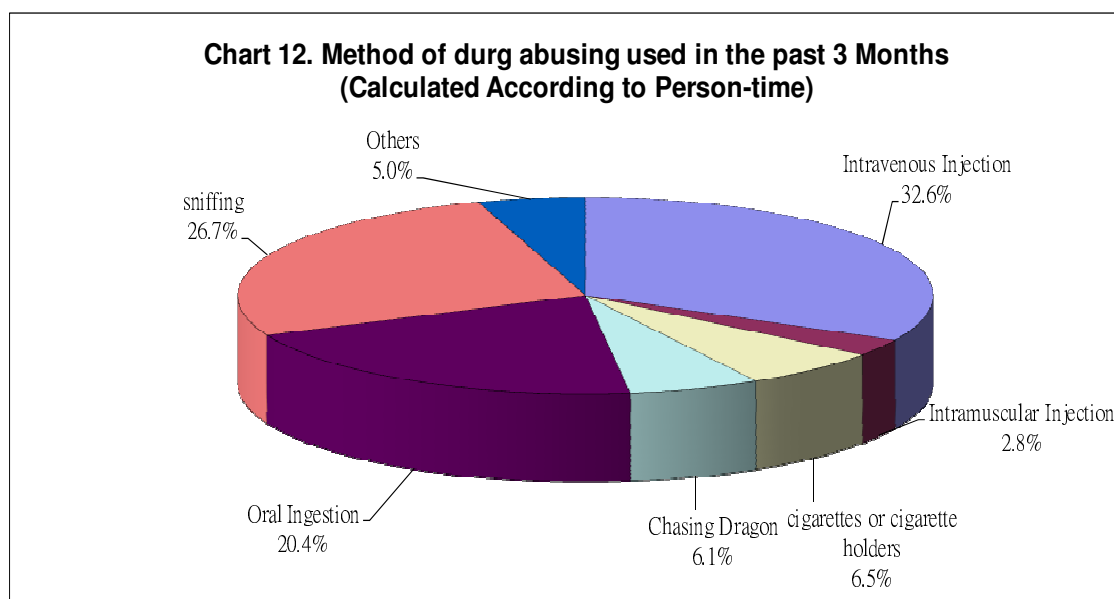


2.6 The majority of the drug abusers use one type of drug, which accounts for 71.3%, 17.2% of the drug abusers use two types of drugs at the same time, 9% for three types of drugs, 1.7% for four types of drugs, and 0.5% for 5 types, 0.2% for 6 types and 7 types of drugs respectively. Please see **Chart 11 and Attached Table 17**.



2.7 The method of intravenous injection is most frequently used in drug abusing with 32.6%, based on the 825 person-time, the order for other methods by proportion is as follow: 26.7% by sniffing, 20.4% by oral ingestion, 6.5% by dragon chasing, 6.1% by cigarettes or cigarette holders and 2.8% by intramuscular injection.

Please see **Chart 12 and Attached Table 18.**



2.8 If calculation is made according to the confirmed reported number of person 673, the percentage of drug abusers with different methods of drug abusing is higher than the percentage calculated according to person-time, the order by proportion is as follow: 40% by intravenous injection, 32.7% by sniffing, 25% by oral ingestion, 8% by cigarettes or cigarette holders, 7.4% by dragon chasing, and 3.4% by intramuscular injection. Please see **Attached Table 18.**

2.9 As to drug expense, the average expense per drug abuser is 5809 patacas per month, most cases are as follow: 22.4% less than 1000 patacas,

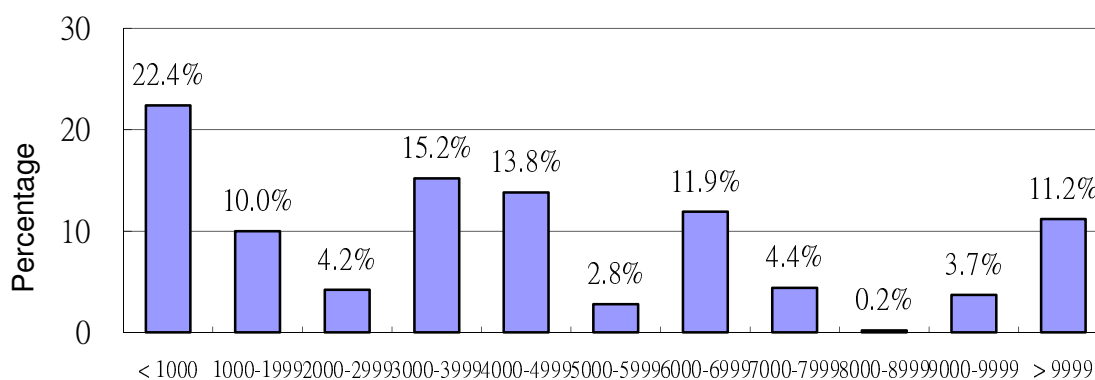
15.2% between 3000-3999 patacas,

13.8% between 4000-4999 patacas

11.9% between 6000-6999 patacas,

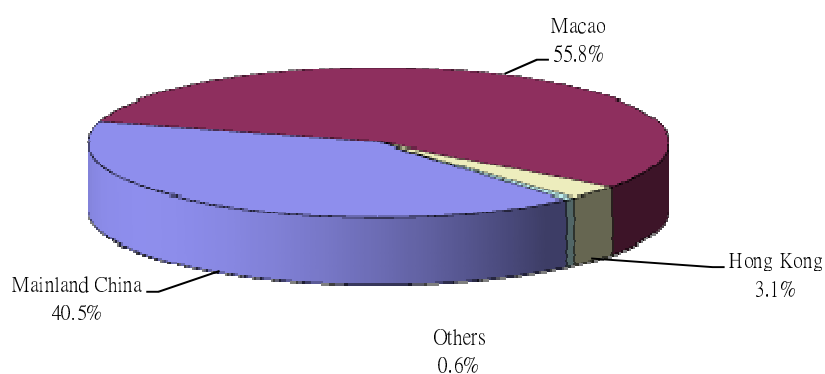
and 11.2% of 10000 patacas or above,

Please see **Chart 13 and Attached Table 19.**

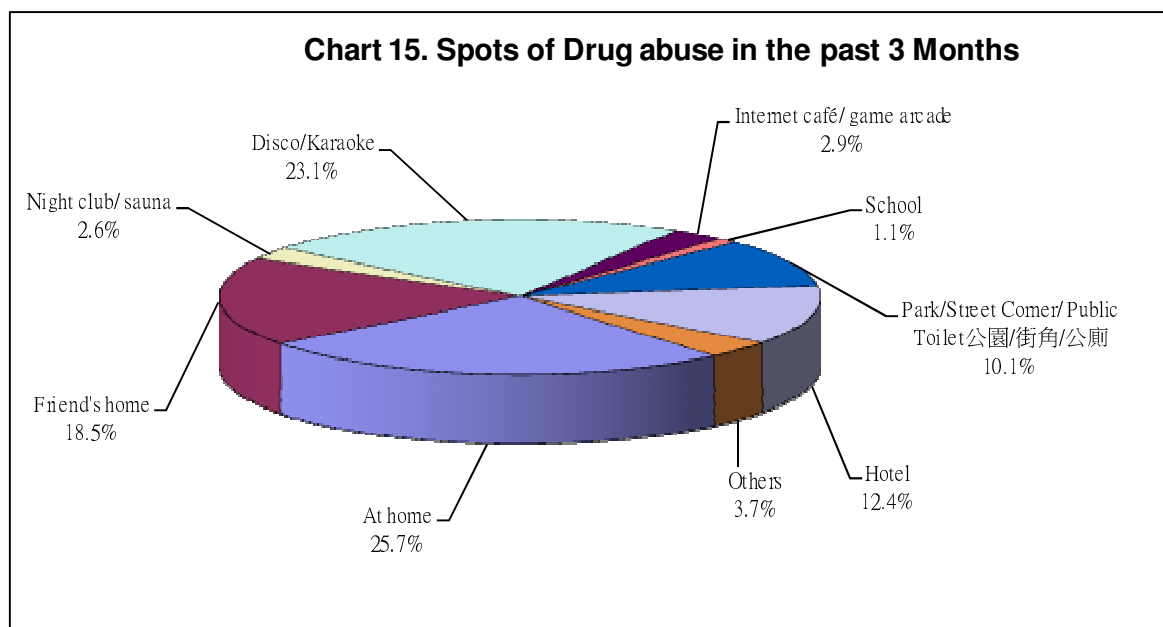
Chart 13. Monthly Expenses on drugs in the past 3 months

2.10 As to the frequency of drug abuse, abusers with over 30 times per month account for around 20%, and abusers with less than 30 times per month account for 81.6%. Please see **Attach Table 20**.

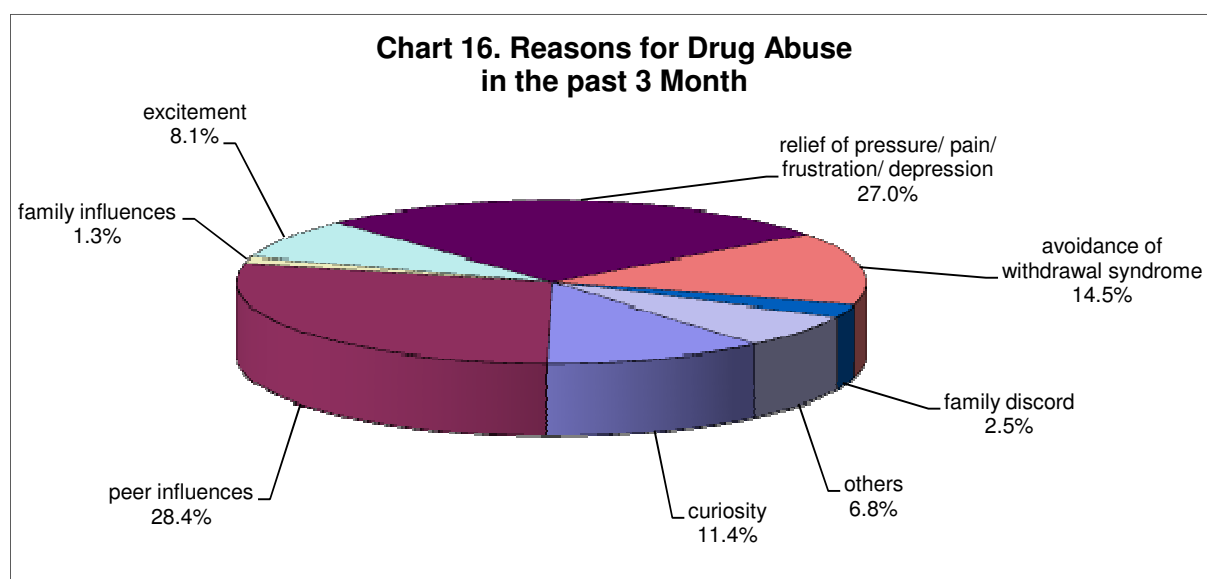
2.11 As to the place of drug abuse, the majority being in Macao accounting for 55.8%, 40.5% in Mainland China, and 3.1% in Hong Kong. Please see **Chart 14** and **Attached Table 21**.

Chart 14. Place of Drug Abuse in the past 3 Months

2.12 As to the spots of drug abuse, the order of by proportion is as follow: 25.7% at home, 23.1% at Disco/Karaoke, 18.5% at friends' houses, 12.4% at hotel/guest houses, 10.1% at parks/street corners/public toilets, 2.9% at net bars/game arcades, 2.6% at night clubs/saunas, 1.1% at schools. Please see **Chart 15 and Attached Table 22.**



2.13 As to the reasons for drug abuse, the order by proportion is as follow: 28.4% peer influences, 27% for the relief of pressure / pain / frustration / depression, 14.5% for avoidance of withdrawal syndrome, 11.4% for curiosity, 8.1 % for excitement, 2.5% family discord, and 1.3% for family influence. Please see **Chart 16 and Attached Table 23.**



2.14 Among the 673 reported drug abusers, three acknowledged needle sharing. Please see **Attached Table 24**.

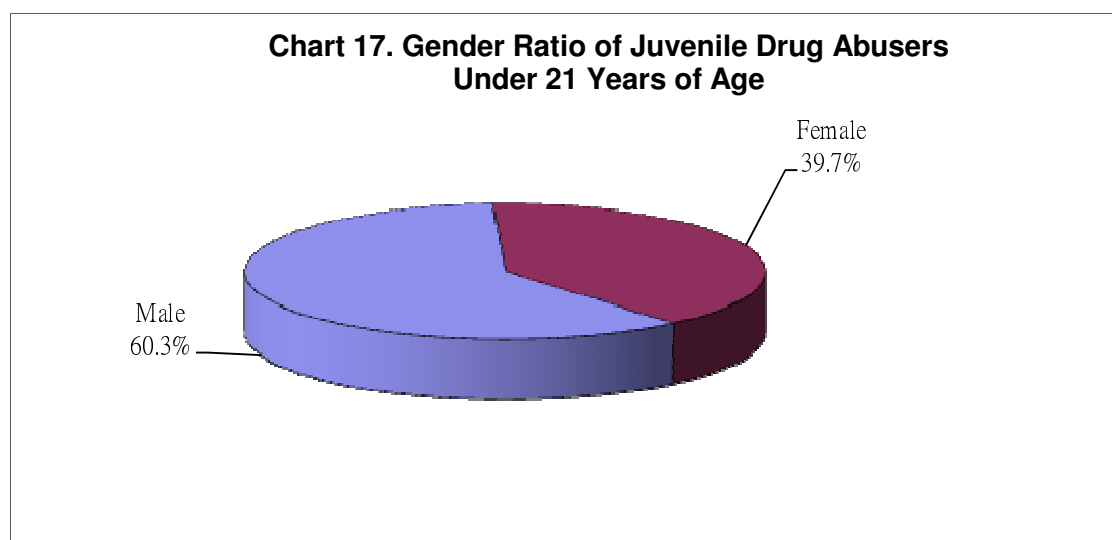
3. Overall Drug-abusing status of reported juvenile drug abusers

Whereas the community is very concerned about the issue of juvenile drug abusing, this section is especially intended to understand the status of juvenile drug abusers.

In view of the specific meaning attributed by the society and law to some age group, in the following, the age groups of juvenile drug abusers will be divided into four groups, i.e. under 12 (without any case of this age group in the reported cases of 2009), from 12 to 15, from 16 to 17 and from 18 to 20.

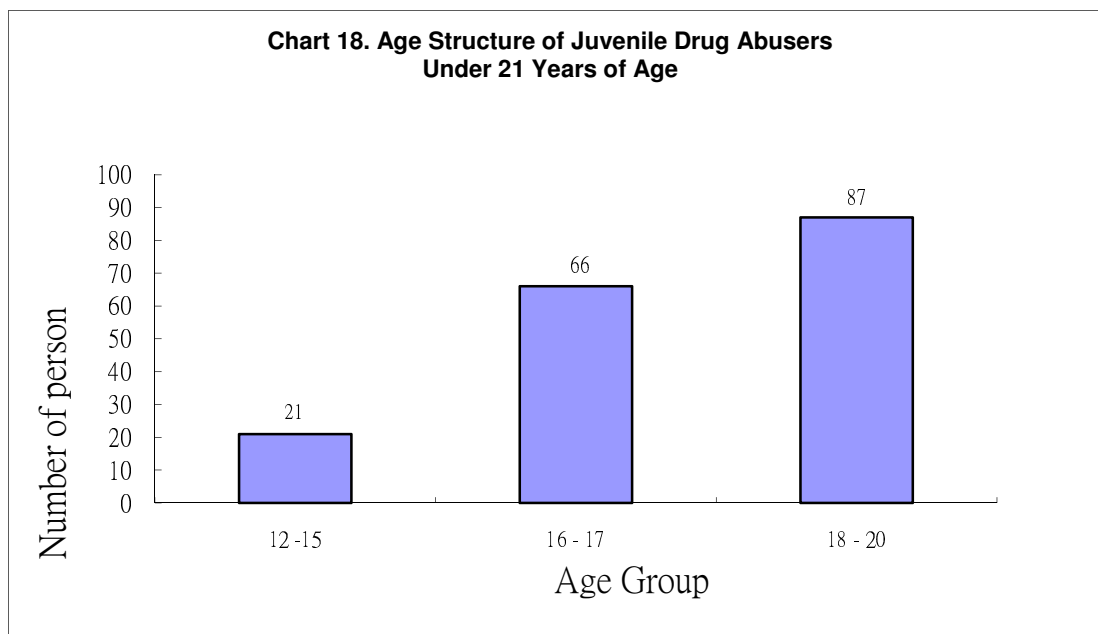
3.1 Among the 673 drug abusers registered in the system, 174 drug abusers, i.e. about one third (25.8%) are under 21 years of age.

3.2 Among 221 drug abusers under 21 years of age, male accounts for 60.3%, and female accounts for 39.7%. Please see **Chart 17 and Attached Table 25**.

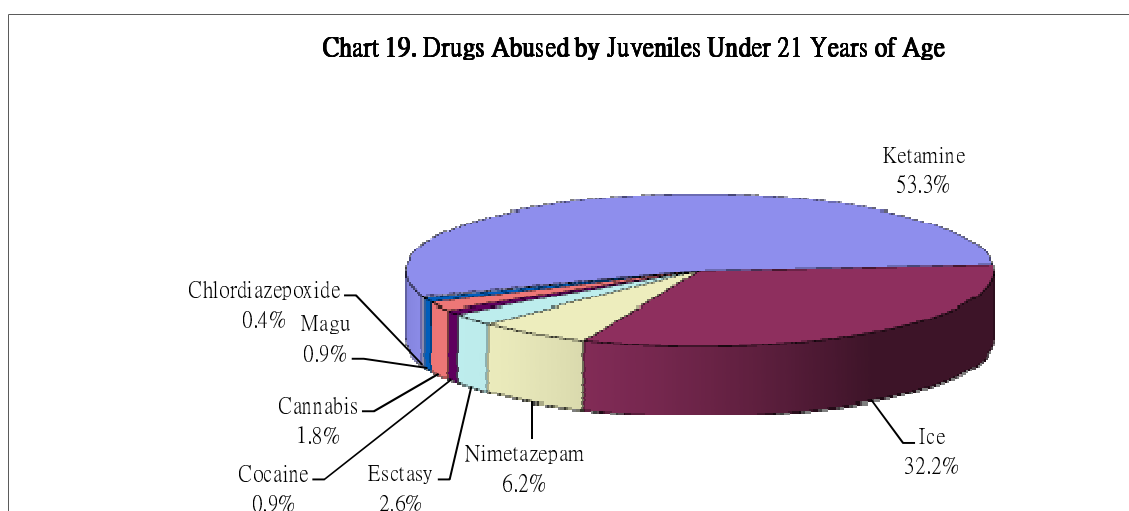


3.3 The average age of these juveniles is 17.4, while the average age of first drug abuse is 14.8. More than half of the juvenile drug abusers are minors (under 18 years of age) accounting for 50%, and those (under 16 years of age) who have

not reached the age of criminal responsibility account for 12.1%. Also please see **Chart 18 and Attached Table 25.**

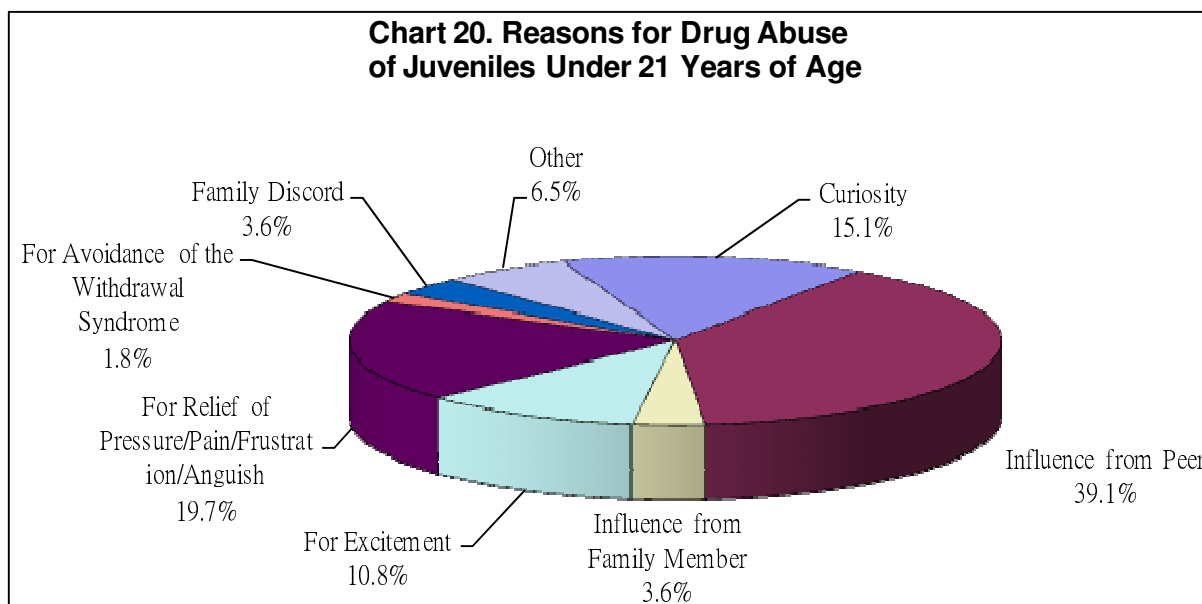


3.4 The majority uses ketamine, which accounts for 53.3% based on the 227 person-time reported, followed by ice which accounts for 32.2%, then Nimetazepam which accounts for 6.2% and then Ecstasy accounting for 2.6%. Please see **Chart 19 and Attached Table 26.**

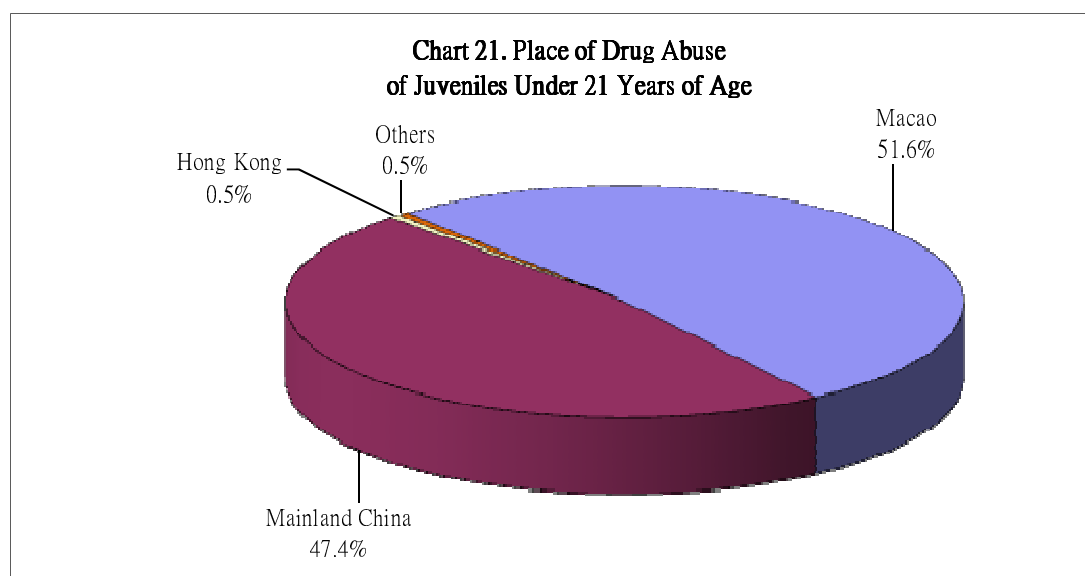


3.5 Based on the 174 people involved, those who abused ketamine account for 69.5%, ice 42 %, Nimetazepam 8% and Ecstasy 3.4%. Please see **Attached Table 26**.

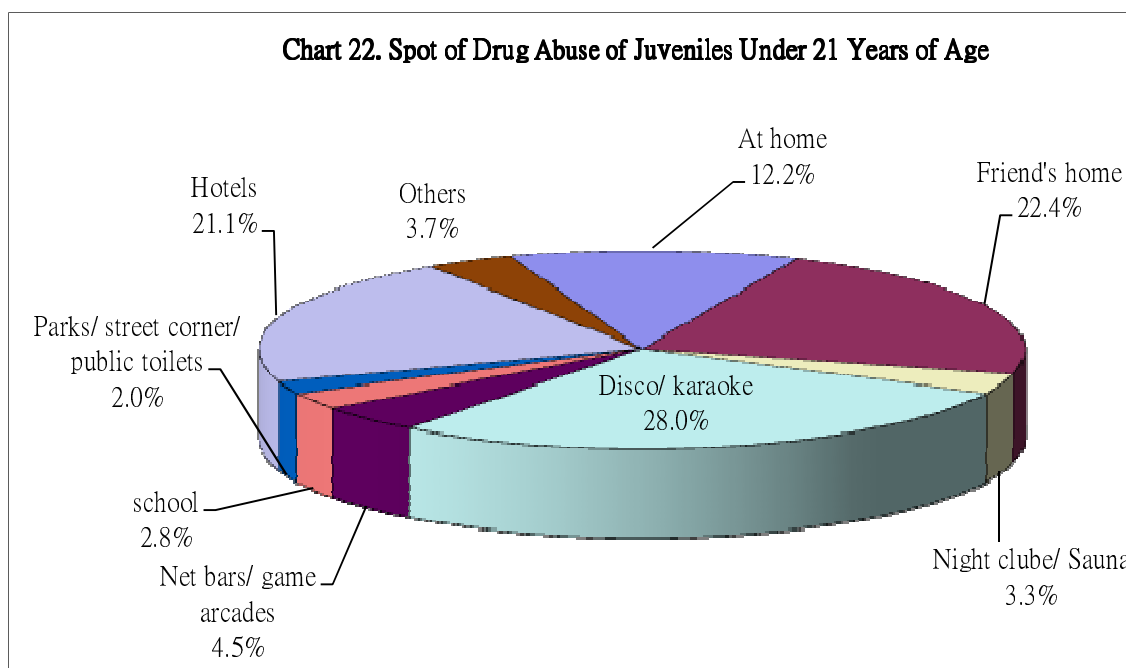
3.6 As to the reason for drug abuse, the majority 39.1% being peer influences, followed by 19.7% for relief of pressure / pain / frustration / depression, then 15.1% for curiosity, and 10.8% for excitement. Please see **Chart 20 and Attached Table 27**.



3.7 As to the place for drug abuse, the majority being in Macao which accounts for 51.6%, and 47.4% in Mainland China. Please see **Chart 21 and Attached Table 28**.



3.8 As to the spots of drug abuse, the majority being 28% at Disco/Karaoke, followed by 22.4% at friends' houses, then 21.1% at hotels, 12.2% at home, 4.5% at net bars/game arcades, sand 3.3% at night clubs/saunas. Please see **Chart 22** and **Attached Table 29**.



4. The comparison of situation in 2009 and 2010

Since this electronic report method has been started in 2009, we can make a comparison of the two year.

In the following, contents are based on the order of the questionnaire, shown in simple table formats the comparison of the first two most popular answers to each question are being made (in some parts, topics of concern such as "Student" in Occupational Status are also being listed), in addition, items that shows a difference of 5% or above in the comparison of the first half and second half of the year are being underlined by dotted lines and arrowed for easy reading:

Comparison Table regarding the Situation in 2009 and 2010

Serial No.	Situation of Drug Abuser	Percentage or Specific Unit of the Item according to the Period of Time	
		2009	2010
Overall Status			
1	Number of Drug Abusers Reported	626 人	673 人 ↑
2	Sex: Male Female	76.5 23.5	76.8 23.2
3	Average Age	31.6years old	31.9years old
4	The Biggest Age Group: 16-20 Years of Age 40 Years of Age or Above	30.5 29.6	22.7 ↓ 28.2
5	Average Age of First Drug Abuse	21.5years old	21.4years old
6	Age Group of Firs Drug Abuse: 16-20 Years of Age	25.7	25.9
7	Place of Birth: Macao Mainland China	56.5 36.9	52.2 34.5
8	Ethnicity: Chinese	96.5	94.8
9	Resident Identify: Macao Resident	79.4	83.7
10	Residing Area: North District	45.4	49.2
11	Marital Status: Single	61.5	62.1
12	Children Status: Childless	52.7	49
13	Educational Background: Primary School Junior High School	35.5 36.4	32.5 38

14	Occupational Status: Unemployed Student	43.6 9.4	44.7 8
15	Other Family Members that uses Drug: No	55.1	57.8
16	Criminal Record: Yes	33.4	40 ↑
17	Type of Drugs Abused: (Calculated According to Person-time): Heroin Ketamine	37.2 25.7	27.2 ↓ 29.6 ↑
18	Average Age of Heroin Abuse	43years old	44.7years old
19	Average Age of ketamine Abuse	19.7years old	23.2years old ↑
20	Only uses one type of Drug	69.4	71.3
21	Drug abuse by Intravenous Injection (Calculated According to Person-time)	41.1	32.6 ↓
22	Monthly Drug Expenses: Less than 1000 Patacas 6000-6999 Patacas 10000 Patacas or Above	16.7 13.3 15.5	22.4 ↑ 11.9 11.2
23	Average Monthly Drug Expenses:	5519 patacas	5809 patacas ↑
24	Frequency of Drug Abuse: Less than 30 Times per Month:	73.6	81.6 ↑
25	Place of Drug Abuse: Macao Mainland China	58.1 39.5	55.8 40.5
26	Spot of Drug Abuse: At Home At Karaoke/Disco	30.2 26.6	25.7 23.1
27	Reason for Drug Abuse: Peer Influences For Relief of Pressure	26.9 26.1	28.4 27
28	Needle Sharing Involved	0.2	0.4
Regarding Juveniles			
29	Number of the Juvenile Drug Abusers Reported	221 人	174 人 ↓
30	Overall Proportion occupied by Juvenile Drug Abusers	35.3	25.9 ↓
31	Gender: Male	61.1	60.3
32	Average Age	17.4years old	17.6years old
33	Average Age of First Drug Abuse	14.8years old	14.8years old
34	Proportion occupied by Juvenile (under 16 years of age) who have not reached the age of criminal responsibility among Juvenile Drug Abusers	13.6	12.1
35	Proportion occupied by Minors (under 18 Years of Age) among Juvenile Drug Abusers	53.8	50
36	Types of Drug Abused (Calculated According to the Person-time): Ketamine:	63.4 16	53.3 ↓ 32.2 ↑

	Ice:		
37	Reasons for Drug Abuse: Peer Influences	41.1	39.1
38	Place of Drug Abuse: Macao	56	51.6
39	Spot of Drug Abuse: At Home	8.9	12.2
	At Friend's House	22.6	22.4
	At Karaoke/Disco	33.9	28 ↓

5. Summary

Since the implementation of the electronized “Central Registration System of Drug Abusers of Macao”, through support and collaboration by relevant government departments and non-governmental organizations, network for data collection has been expanded. In 2010 the Judiciary Police joined as a reporting unit which further enhanced the representativeness of the data. The establishment of the new registration system is obviously conducive in reflecting the conditions of juvenile drug abusers, it breaks through the limits faced by previous data collection work concerning drug abusers, it changes the mode of the data collection that was mainly based on drug abusers who voluntarily seek assistance in drug treatment organizations, we believed data so obtained will better reflect the condition of drug abusers in Macao.

According to the statistical results of 2010, the average age of first drug abuse is 21.4, and there is a tendency that female began drug abuse at a younger age. On the other hand, the proportion of young female drug abusers is higher.

Regarding to the status of the 2010, the majority of drug abusers has low educational background and is unemployed, the majority uses heroin and ketamine, and this year the recorded number of abusers using ketamine has surpassed heroin.

The statistical results also show that about 30% of the drug abusers abused two types or more of drugs, 40% have abused drug in Mainland China, 55% uses drugs at “hidden” places such as home, friends' home or at hotels. According to the drug abusers the main reason for drug abuse is peer influences, and their monthly drug expense is around 5809 patacas per month.

In the comparison with last year, drug abusers reported in 2010 shows a decrease of 7.5% (from 626 person to 673 person), among which the proportion of juvenile drug abusers decreased by 21.3% (from 221 person to 174 person); if we look at the share ratio of the number of juvenile, juvenile account for 35.3% of the total number of reported drug abusers in 2009 and 25.9% in 2010, there is a drop of 9.4% in the ratio. Among juvenile drug abusers, the majority uses ketamine, but it is less than last year, regarding ice abusers there is a fierce increase.

With anticipation to the coming year, we will continue to expand the data collecting network and will continue to compare collected data; we believe it will better reflect Macao's actual drug abuse condition and the changes in its tendency.

3) Attached Tables

The following are statistical tables made according to the data collected by the Central Registration System of Drug Abusers of Macao in 2009, in the Attached Tables 15, 18 and 26, besides the percentage calculated according to the number of person-time, in responds to the actual need, the percentage calculated according to the number of people reported is also shown.

Table 1. Number of cases reported by each Reporting Organizations/ Units

Organization	Number of cases reported			
	2009		2010	
	Quantity	Percentage	Quantity	Percentage
Social Welfare Bureau - Treatment and Social Rehabilitation for Drug Dependence Division	459	48.0	459	43.4
Macao Prison	65	6.8	80	7.6
Health Bureau - Emergency Department	1	0.1	5	0.5
Health Bureau - Psychiatry Department (Took part in the reporting from the second half of 2009)	3	0.3	8	0.8
Education and Youth Affairs Bureau	17	1.8	20	1.9
Legal Affairs Bureau - Community Reintegration Office	74	7.7	108	10.2
Legal Affairs Bureau - Juvenile Reform School	11	1.1	5	0.5
Judiciary Police (Took part in reporting since 2010)	--	--	111	10.5
Youth Challenge Gospel Drug Rehabilitation Center of Macao	14	1.5	14	1.3
Macao Christian New Life Fellowship - Rehabilitation Center	16	1.7	7	0.7
Macao Christian New Life Fellowship - Youth Outreach	136	14.2	100	9.5
Macao Drug Treatment and Rehabilitation Association - Rehabilitation Center	37	3.9	28	2.6
Macao Drug Treatment and Rehabilitation Association - Outreach Section	56	5.9	67	6.3

Macau Renovation and Mutual Assistance Association	7	0.7	0	0
Sheng Kung Hui North District Youth Service Team	34	3.6	33	3.1
Community Youth Service Team of the General Union of Macau Residents Associations	27	2.8	13	1.2
Total Number Submitted by All the Organizations	957	100.0	1058*	100.0

* Excluding repeated cases, the confirmed number of the drug abusers reported is 673, the confirmed number of the drug abusers reported last year (2009) is 626.

Table 2. Drug Abusers by Gender

Gender	2009		2010	
	Number	Percentage	Number	Percentage
Male	479	76.5	517	76.8
Female	147	23.5	156	23.2
Total	626	100.0	673	100.0

Table 3. Age Structure of Drug Abusers according to Gender

Age Group	2009						2010					
	Male		Female		Total		Male		Female		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
< 16	9	1.9	21	14.3	30	4.8	9	1.7	12	7.7	21	3.1
16 - 20	126	26.3	65	44.2	191	30.5	96	18.6	57	36.5	153	22.7
21 - 25	59	12.3	11	7.5	70	11.2	102	19.7	25	16.0	127	18.9
26 - 30	19	4.0	7	4.8	26	4.2	45	8.7	15	9.6	60	8.9
31 - 35	41	8.6	11	7.5	52	8.3	42	8.1	15	9.6	57	8.5
36 - 40	60	12.5	12	8.2	72	11.5	53	10.3	12	7.7	65	9.7
> 40	165	34.4	20	13.6	185	29.6	170	32.9	20	12.8	190	28.2
Total	479	100.0	147	100.0	626	100.0	517	100.0	156	100.0	673	100.0

Table 4. Drug Abusers by Place of Birth

Place of Birth	2009		2010	
	Number	Percentage	Number	Percentage
Mainland China	231	36.9	232	34.5
Macao	354	56.5	351	52.2
Hong Kong	12	1.9	31	4.6
Other	19	3.0	24	3.6
Unknown	10	1.6	35	5.2
Total	626	100.0	673	100.0

Table 5. The Drug Abusers by Ethnicity

Ethnicity	2009		2010	
	Number	Percentage	Number	Percentage
Chinese	604	96.5	638	94.8
Other	13	2.1	20	3.0
Unknown	9	1.4	15	2.2
Total	626	100.0	673	100.0

Table 6. Drug Abusers by Citizenship

Citizenship	2009		2010	
	Number	Percentage	Number	Percentage
Macao Resident	497	79.4	563	83.7
Non-Macao Resident	51	8.1	79	11.7
Unknown	78	12.5	31	4.6
Total	626	100.0	673	100.0

Table 7. Drug Abusers by Residing Area

Residing Area	2009		2010	
	Number	Percentage	Number	Percentage
North District	284	45.4	331	49.2
Central District	81	12.9	117	17.4
South District	61	9.7	76	11.3
Taipa and Coloane	18	2.9	25	3.7
Mainland China	45	7.2	47	7.0
Unknown	137	21.9	77	11.4
Total	626	100.0	673	100.0

Table 8. Drug Abusers by Marital Status

Marital Status	2009		2010	
	Number	Percentage	Number	Percentage
Single	385	61.5	418	62.1
Married	133	21.2	152	22.6
Cohabited	15	2.4	19	2.8
Widowed	1	0.2	2	0.3
Divorced or Separated	52	8.3	59	8.8
Unknown	40	6.4	23	3.4
Total	626	100.0	673	100.0

Table 9. Drug Abusers by Children Status

Children Status	2009		2010	
	Number	Percentage	Number	Percentage
With Children	158	25.2	178	26.4
Childless	330	52.7	330	49.0
Unknown	138	22.0	165	24.5
Total	626	100.0	673	100.0

Table 10. Drug Abusers by Educational Background

Educational Background	2009		2010	
	Number	Percentage	Number	Percentage
No Educational Background	6	1.0	6	0.9
Primary School	222	35.5	219	32.5
Junior High School	228	36.4	256	38.0
Senior High School	60	9.6	68	10.1
Junior College or Above	4	0.6	7	1.0
Unknown	106	16.9	117	17.4
Total	626	100.0	673	100.0

Table 11. Drug Abusers by Occupational Status

Occupational Status	2009		2010	
	Number	Percentage	Number	Percentage
Full-time Job	143	22.8	243	36.1
Casual Work	34	5.4	37	5.5
Illegal Business	5	0.8	7	1.0
Unemployed	273	43.6	301	44.7
Student	59	9.4	54	8.0
Housework	4	0.6	2	0.3
Unknown	108	17.3	29	4.3
Total	626	100.0	673	100.0

Table 12. Whether other family members uses Drugs

Other Family Members that use Drug	2009		2010	
	Number	Percentage	Number	Percentage
Yes	49	7.8	53	7.9
No	345	55.1	389	57.8
Unknown	232	37.1	231	34.3
Total	626	100.0	673	100.0

Table 13. Drug Abusers according to Criminal Records

Criminal Records	2009		2010	
	Number	Percentage	Number	Percentage
Yes	209	33.4	269	40.0
No	186	29.7	218	32.4
Not Available	231	36.9	186	27.6
Total	626	100.0	673	100.0

Table 14. Age of First Drug Abuse by Gender according to Data of the Whole Year

Age Group	2009						2010					
	Male		Female		Total		Male		Female		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
<11	2	0.4	1	0.7	3	0.5	2	0.4	1	0.6	3	0.4
11 - 15	88	18.4	49	33.3	137	21.9	93	18.0	45	28.8	138	20.5
16 - 20	134	28.0	27	18.4	161	25.7	141	27.3	33	21.2	174	25.9
21 - 25	69	14.4	14	9.5	83	13.3	83	16.1	14	9.0	97	14.4
26 - 30	50	10.4	13	8.8	63	10.1	50	9.7	16	10.3	66	9.8
31 - 35	34	7.1	3	2.0	37	5.9	32	6.2	2	1.3	34	5.1
36 - 40	20	4.2	1	0.7	21	3.4	13	2.5	3	1.9	16	2.4
> 40	11	2.3	3	2.0	14	2.2	15	2.9	1	0.6	16	2.4
Unknown	71	14.8	36	24.5	107	17.1	88	17.0	41	26.3	129	19.2
Total	479	100.0	147	100.0	626	100.0	517	100.0	156	100.0	673	100.0

Note: The overall average age of first drug abuse in 2009 is 21.5 and 21.4 in 2010.

Table 15. Substances Abused in the Past 3 Months

Name of Substance	2009				2010			
	Average Age	Person-Time	Percentage Calculated According to 725 Person-time	Percentage Calculated According to the 626 total number of abusers reported	Average Age	Person-Time	Percentage Calculated According to 927 Person-time	Percentage Calculated According to the 673 total number of abusers reported
Heroin	43.0	270	37.2	43.1	44.7	252	27.2	37.4
Methadone	43.9	36	5.0	5.8	45.8	43	4.6	6.4
Morphine Ampoules	50.0	2	0.3	0.3	47.0	4	0.4	0.6
Cannabis	33.0	8	1.1	1.3	26.9	21	2.3	3.1
Methylamphetamine (Ice)	23.5	60	8.3	9.6	24.4	140	15.1	20.8
Cocaine	21.7	6	0.8	1.0	24.9	20	2.2	3.0
MDMA (Ecstasy)	22.7	24	3.3	3.8	24.5	15	1.6	2.2
Magu	36.5	2	0.3	0.3	35.5	4	0.4	0.6
Chlordiazepoxide	--	--	--	--	15.0	1	0.1	0.1
Diazepam (Valium)	24.6	5	0.7	0.8	--	--	--	--
Midazolam (Dormicum)	39.5	41	5.7	6.5	54.8	6	0.6	0.9
Triazolam (White seeds)	--	--	--	--	45.0	1	0.1	0.1
Triazolam (Smurf)	46.0	50	6.9	8.0	46.0	76	8.2	11.3
Nimetazepam	20.2	6	0.8	1.0	22.8	32	3.5	4.8
Ketamine	19.6	186	25.7	29.7	23.2	274	29.6	40.7
Codeine	29.9	9	1.2	1.4	31.3	15	1.6	2.2
Other	32.6	20	2.8	3.2	34.1	23	2.5	3.4
Unknown	26.0	126	Not Applicable	20.1	23.2	29	Not Applicable	4.3
Total	33.7*	725**	100.0	Not Applicable	32.7*	927**	100.0	Not Applicable

*In the calculation of total average age, the numbers of unknown/ not reported were excluded.

** In the calculation of total of person-time, the numbers of unknown/ not reported were excluded.

Table 16. Age of First Drug Abuse in the Past 3 Months (With Two types of Mostly Abused Drugs as the Examples)

Age of First Drug Abuse	2009				2010			
	Heroin		Ketamine		Heroin		Ketamine	
	Person-time	Percentage	Person-time	Percentage	Person-time	Percentage	Person-time	Percentage
< 11	1	0.4	0	0.0	2	0.8	0	0.0
11 - 15	14	5.2	77	41.4	14	5.6	74	27.0
16 - 20	82	30.4	57	30.6	73	29.0	63	23.0
21 - 25	54	20.0	7	3.8	59	23.4	25	9.1
26 - 30	58	21.5	1	0.5	52	20.6	6	2.2
31 - 35	27	10.0	1	0.5	25	9.9	3	1.1
36 - 40	17	6.3	0	0.0	14	5.6	4	1.5
>40	10	3.7	1	0.5	8	3.2	4	1.5
Unknown	7	2.6	42	22.6	5	2.0	95	34.7
Total	270	100.0	186	100.0	252	100.0	274	100.0

Note: The average age of first abuse of Heroin (excluded unknown) in 2009 is 25.1 and 24.8 in 2010;
 The average age of first abuse of Ketamine (excluded unknown) in 2009 is 16.2 and 18.4 in 2010;

Table 17. Number of Types of Drugs Abused at the same time in the past 3 months

Number of types of Drugs Abused	2009		2010	
	Number	Percentage	Number	Percentage
1	347	69.4%	459	71.3
2	102	20.4%	111	17.2
3	36	7.2%	58	9.0
4	12	2.4%	11	1.7
5	1	0.2%	3	0.5
6	1	0.2%	1	0.2
7	1	0.2%	1	0.2
Total	500	100.0%	644	100.0

Table 18. Method of Drug Abuse in the Past 3 Months

Method of Drug Abuse	2009			2010		
	Person-time	Percentage Calculated According to 674 Person-time	Percentage Calculated According to the 626 total number of abusers reported	Person-time	Percentage Calculated According to 825 Person-time	Percentage Calculated According to the 673 total number of abusers reported
1. Intravenous Injection	277	41.1	44.2	269	32.6	40.0
2. Intramuscular Injection	18	2.7	2.9	23	2.8	3.4
3. Using Cigarette or Cigarette holders	38	5.6	6.1	54	6.5	8.0
4. Dragon Chasing	66	9.8	10.5	50	6.1	7.4
5. Oral Ingestion	119	17.7	19.0	168	20.4	25.0
6. Sniffing	145	21.5	23.2	220	26.7	32.7
7. No Fixed Way	1	0.1	0.2	--	--	--
8. Other	10	1.5	1.6	41	5	6.1
9. Unknown	177	Not Applicable	28.3	131	Not Applicable	19.5
Total	674*	100.0	Not Applicable	825*	100.0	Not Applicable

* In the calculation of the total of person-time, the numbers unknown/ not reported were excluded.

Table 19. Monthly Drug Expense in the past 3 Months

Monthly Drug Expense	2009			2010		
	Number	Percentage	Average Expense	Number	Percentage	Average Expense
< 1000	59	16.7	396.80	96	22.4	365.80
1000 - 1999	37	10.5	1,281.10	43	10.0	1,236.00
2000 - 2999	14	4.0	2,171.40	18	4.2	2,194.40
3000 - 3999	57	16.1	3,132.50	65	15.2	3,120.80
4000 - 4999	45	12.7	4,438.90	59	13.8	4,466.90
5000 - 5999	6	1.7	5,200.00	12	2.8	5,133.30
6000 - 6999	47	13.3	6,062.90	51	11.9	6,027.50
7000 - 7999	21	5.9	7,428.10	19	4.4	7,384.20

8000 - 8999	0	0.0	0.00	1	0.2	8,000.00
9000 - 9999	13	3.7	9,000.00	16	3.7	9,043.80
> 9999	55	15.5	16,092.90	48	11.2	25,624.60
Total	354	100.0	5,519.10	428	100.0	5,808.70

Table 20. Frequency of Drug Abuse per month in the past 3 Months

Times of Drug Abuse per Month	2009		2010	
	Number	Percentage	Number	Percentage
< 31	234	73.6	329	81.6
31 - 60	26	8.2	16	4.0
61 - 90	30	9.4	34	8.4
> 90	28	8.8	24	6.0
Total	318	100.0	403	100.0

Table 21. Place of Drug Abuse in the Past 3 Months

Place of Drug Abuse	2009		2010	
	Person-time	Percentage	Person-time	Percentage
Mainland China	204	39.5	264	40.5
Macao	300	58.1	364	55.8
Hong Kong	9	1.7	20	3.1
Other	3	0.6	4	0.6
Total	516	100.0	652	100.0

Table 22. Spot of Drug Abuse in the Past 3 Months

Spot of Drug Abuse	2009		2010	
	Person-time	Percentage	Person-time	Percentage
At Home	170	30.2%	160	25.7
At Friend's House	91	16.2%	115	18.5
At Night Club/ Sauna	20	3.6%	16	2.6
At Disco/Karaoke	150	26.6%	144	23.1
At Net Bar/ Game Arcade	31	5.5%	18	2.9
At School	8	1.4%	7	1.1
At Park/ Street Corner/ Public Toilet	47	8.3%	63	10.1
Hotel*	--	--	77	12.4
Other	46	8.2%	23	3.7
Total	563	100.0%	623	100.0

*Hotel option added in 2010

Table 23. Reasons for Drug Abuse in the Past 3 Months

Reasons for Drug Abuse	2009		2010	
	Person-time	Percentage	Person-time	Percentage
Curiosity	96	12.4	102	11.4
Peer Influences	208	26.9	255	28.4
Family Influence	38	4.9	12	1.3
For Excitement	57	7.4	73	8.1
For Relief of Pressure/Pain/ Frustration/Depression	202	26.1	242	27.0
For Avoidance of the Withdrawal Syndrome	111	14.3	130	14.5
Family Discord	20	2.6	22	2.5
Other	42	5.4	61	6.8
Total	774	100.0	897	100.0

Table 24. Drug Abusers by Whether Needle Sharing Was Involved

Whether Needle Sharing Was Involved	2009		2010	
	Number	Percentage	Number	Percentage
Yes	1	0.2	3	0.4
No	483	77.2	511	75.9
Unknown	142	22.7	159	23.6
Total	626	100.0	673	100.0

Table 25. Age Structure and Gender Distribution of Juvenile Drug Abusers Under 21 Years of Age

Gender	Age Group	2009		2010	
		Number	Percentage	Number	Percentage
Male	12 -15	9	4.1	9	5.2
	16 - 17	56	25.3	34	19.5
	18 - 20	70	31.7	62	35.6
	Subtotal	135	61.1	105	60.3
Female	12 -15	21	9.5	12	6.9
	16 - 17	33	14.9	32	18.4
	18 - 20	32	14.5	25	14.4
	Subtotal	86	38.9	69	39.7
Total		221	100.00	174	100.0

Table 26 Types of Drugs Abused by Juveniles Under 21 Years of Age

Types of Drug	2009			2010		
	Person -time	Percentage Calculated According to 213 Person-time	Percentage Calculated According to the 221 total number of abusers reported	Person -time	Percentage Calculated According to 227 Person-time	Percentage Calculated According to the 174 total number of abusers reported
Ketamine	135	63.4	61.1	121	53.3	69.5
Methylamphetamine (Ice)	34	16.0	15.4	73	32.2	42.0
Nimetazepam	5	2.3	2.3	14	6.2	8.0
MDMA (Ecstasy)	15	7.0	6.8	6	2.6	3.4
Cocaine	4	1.9	1.8	2	0.9	1.1
Midazolam (Smurf)	4	1.9	1.8	--	--	--
Heroin	2	0.9	0.9	--	--	--
Cannabis	2	0.9	0.9	4	1.8	2.3
Magu	--	--	--	2	0.9	1.1
Chlordiazepoxide	--	--	--	1	0.4	0.6
Diazepam (Valium)	2	0.9	0.9	--	--	--
Codeine	1	0.5	0.5	--	--	--
Other	9	4.2	4.1	4	1.8	2.3
Unknown	66	Not Applicable	29.9	15	Not Applicable	8.6
Total	213*	100.0	Not Applicable	227*	100.0	Not Applicable

* In the calculation of the total of person-time, the numbers unknown/ not reported were excluded.

Table 27. Reasons for Drug Abuse for Juveniles Under 21 Years of Age

Reasons of Drug Abuse	2009		2010	
	Person-time	Percentage	Person-time	Percentage
Curiosity	48	19.4	42	15.1
Peer Influences	102	41.1	109	39.1
Family Influence	7	2.8	10	3.6
Excitement	28	11.3	30	10.8
For Relief of Pressure/Pain/Frustration/Depression	40	16.1	55	19.7
Avoidance of Withdrawal Syndrome	6	2.4	5	1.8
Family Discord	7	2.8	10	3.6
Other	10	4.0	18	6.5
Total	248	100.0	279	100.0

Table 28. Places of Drug Abuse for Juveniles Under 21 Years of Age

Place of Drugs Abuse	2009		2010	
	Person-time	Percentage	Person-time	Percentage
Macao	93	56.0	99	51.6
Mainland China	72	43.4	91	47.4
Hong Kong	1	0.6	1	0.5
Unknown	--	--	1	0.5
Total	166	100.0	192	100.0

Table 29. Spots of Drug Abuse for Juveniles Under 21 Years of Age

Spot of Drug Abuse	2009		2010	
	Person-time	Percentage	Person-time	Percentage
At Home	22	8.9	30	12.2
At Friend's House	56	22.6	55	22.4
At Night Club/Sauna	15	6.0	8	3.3
At Disco/Karaoke	84	33.9	69	28.0
At Net Bar/	20	8.1	11	4.5

Game Arcade				
At School	8	3.2	7	2.8
At Park/ Street Corner/ Public Toilet	9	3.6	5	2.0
Hotel	--	--	52	21.1
Other	34	13.7	9	3.7
Total	248	100.0	246	100.0

4) Appendix

1. Sample of the Central Registration Form of Drug Abusers of Macao

(Another page)

1. List of Organizations Participating in the Reporting

(Governmental Organizations)

Drug Treatment and Rehabilitation Office of Social Welfare Bureau

Macao Prison

Emergency Department of the Public Health Bureau

Psychiatry Section of the Public Health Bureau

Education and Youth Affairs Bureau (Center of Psycho-pedagogical Support and Special Education)

Community Reintegration Office of the Legal Affairs Bureau

Juvenile Reform School of the Legal Affairs Bureau

Judiciary Police

(Non-governmental Organizations)

Youth Challenge Gospel Drug Rehabilitation Center of Macao

Macao Christian New Life Fellowship–Rehabilitation Center

Macao Christian New Life Fellowship–Youth Outreach

Macao Drug Treatment and Rehabilitation Association –Rehabilitation Center

Macao Drug Treatment and Rehabilitation Association -Outreach Section

Macau Renovation and Mutual Assistance Association

Sheng Kung Hui North District Youth Service Team

Community Youth Service Team of the General Union of Macau Residents

Associations.