

Central Registration System of Drug abusers of Macao

2011 First Half year Briefing

In order to more accurately grasp the number of drug abusers and trends in Macao, Social Welfare Bureau (hereinafter referred to as SWB) has launched the electronized 'Central Registration System of Drug abusers of Macao' in 2009, enlarged the data collection network, expecting the obtained data to better reflect the real situation and be beneficial for the establishment of relevant anti-drug policy and services.

According to the working scheme, SWB has successively published the 'Central Registration System of Drug abusers of Macao' reports for the first, second half and whole year of 2009 and 2010, desired results were achieved. Interested parties can visit the SWB anti-drug website www.antidrugs.gov.mo.

In 2011, the total number of reporting unit is 16, listed as follow:

Eight Government Departments/units: Social Welfare Bureau-Drug Rehabilitation Center, Macao Prison, Health Bureau - Emergency, Health Bureau - Psychiatry Department, Education and Youth Affairs Bureau, Legal Affairs Bureau – Social reintegration Department, Legal Affairs Bureau - Youth Offenders Institute, Judiciary Police.

Eight non-government Institution/units: Macao Teen Challenge Gospel Drug Rehabilitation Centre, Macao Christian New Life Fellowship - Rehabilitation Center, Macao Christian New Life Fellowship - Youth Outreach Department, Macao ARTM - Rehabilitation Center, Macao ARTM - Outreach Department, Macao Renovation and Mutual Assistance Association, Sheng Kung Hui North District Youth Service Team, General Union of Neighbors Association of Macao community Youth Service Team.

In the first half year of 2011 (from January to June), the number of reported cases submitted by all units were 513, excluding the overlapped 101 cases, the confirmed reported number of drug abusers is 412, which rose by 9.3% compared with the 454 persons at the corresponding period in 2010.

The information gathered in the first half year of 2011 is being arranged and present in a briefing. The Briefing comprises of four parts:

- A. Overall basic information of reported drug abusers,
- B. Overall drug-abusing status of reported drug abusers,
- C. Drug-abusing status of reported juvenile drug abusers,
- D. Comparison with the corresponding period of last year.

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.

Results for the first half year of 2011

A. Overall basic information of reported drug abusers:

1. The total reported cases from all units were 513, among which 101 cases were overlapped, the confirmed reported number of drug abusers is 412. For number of cases reported by each unit please refer to **Addendum 1 and 2**.
2. Among 412 reported drug abusers, males account for three quarters (80.8%), while females account for 19.2%. Please refer to **Addendum 3**.
3. Among the reported drug abusers, the youngest one is 14 years old while the oldest is 68 years old, the average age is 35.4. Please refer to **Addendum 4**.
4. If we take age 30 as a division, there are more drug abusers over 30 years old, 59.5%. Among age groups, the groups of over 40 years old and 21 to 24 years old have larger proportions, being 38.1% and 16.7% respectively. There are 6 persons under 16 years old, 1.5%. Please refer to **Addendum 5**.
5. In terms of gender, further analysis shows that male under age 21 accounts for 11.1% of the total number of male, while female under age 21 account for 35.4% of the total number of female, which is 20% more than the total drug abusing population of the same age group (15.8%). Please refer to **Addendum 6**.
6. According to place of birth, the proportion in descending order is: Macao 50.2%, Mainland 40.3%, Hong Kong 4.1% and other places 3.2%. Please refer to **Addendum 7**.
7. According to ethnic, Chinese accounts for 96.1%. Please refer to **Addendum 8**.
8. According to citizenship, Macao citizens account for 86.7% while non-Macao citizens account for 10%. Please refer to **Addendum 9**.
9. According to residing area, the proportion in descending order is: North District 52.2%, Central District 18%, South District 12.6%, mainland 5.6%, Cotai 3.9% and the rest unknown. We can say that most of the drug abusers live in the north district. Please refer to **Addendum 10**.
10. According to marital status, the proportion in descending order is: single 49.3%, married 27.4%, devoiced or separated 11.4%, cohabitated 4.6%, widowed 0.2%. Please refer to **Addendum 11**.

11. According to status of children, the proportion in descending order is: no children 43%, with children 31.6% and the rest unknown. Please refer to **Addendum 12**.
12. According to educational background, the proportion in descending order is: with primary school education 40%, with junior high school 36.2%, with high school education 10%, with college education or above 1.2%, without educational background 0.2% and the rest unknown. Please refer to **Addendum 13**.
13. According to occupational status, the proportion in descending order is: unemployed 46.1%, with full-time job 38.1%, students 6.3%, casual workers 3.4%, illegal industry 0.2%, house work 0.2%. Please refer to **Addendum 14**.
14. Regarding whether other family members take drugs, the answer of no accounts for 60.2%, yes accounts for 8.7%, and the rest unknown. Please refer to **Addendum 15**.
15. Regarding criminal record of reported drug abusers, those with criminal record accounts for 43.7%, those without accounts for 29.4% and the rest unknown. Please refer to **Addendum 16**.

B. Overall Drug-abusing Status of Reported Drug abusers:

16. As to the age of first drug abuse, the average age of first drug abuse of the reported drug abusers is 21.1. Overall the majority is youngsters; mostly started between the age of 16 to 20 (29.9%), followed by those between the age of 21 to 25 (17%), and females tends to start earlier, females under age 16 accounts for 29.1% of total female drug abusers, which is 13% higher than the 16.2% of the overall drug abusers of same age group. Please refer to **Addendum 17 and 18**.
17. Regarding types of drugs consumed in the past three months, according to the calculation of 541 person-time, the 5 most popular drug types in descending order are: heroin 39%, ketamine 24.6%, methamphetamine (Ice) 11.5% , triazolam 8%, methadone 4.4%. Please refer to **Addendum 19**.
18. Drugs types according to number of abusers 412, the 5 most popular drug types in descending order are: heroin 51.2%, ketamine 32.3%, Ice 15.1%, triazolam 10.4%, methadone 5.8%. Please refer to **Addendum 19**.
19. Data shows that traditional heroin abusers tend to be elder with an average age of 44.5 and the majority started since their youth; while abusers of emerging drugs ketamine tend to be younger, with

an average age of 24.3 and the majority started even younger. Please refer to **Addendum 20 and 21**.

20. The majority of the drug abusers use only one type of drug, accounting for 72%. Abusers who use 17.9% of the drug abusers use two types of drugs at the same time, 8.5% three types accounts for, four types accounts for 1.3%. There are 1 person who use six types of drugs at the same time. Please refer to **Addendum 22**.

21. The method of intravenous injection is most frequently used in drug abusing with 41.4% based on the 479 person-times. The order for other methods by proportion is as follow: 22.1% by sniffing, 15.2% by oral ingestion, 9.2% by dragon chasing, 5.8% by cigarettes or cigarette holders, and 2.5% by intramuscular injection. Please refer to **Addendum 23**.

22 Regarding the method of drug abusing, if calculation is made according to the reported number of person 412 the proportion of intravenous injection is 48.1%. The order for other methods by proportion is as follow: 25.7% by sniffing, 17.7% by oral ingestion, 10.7% by dragon chasing, 6.8% by cigarettes or cigarette holders, and 2.9% by intramuscular injection. Please refer to **Addendum 23**.

23. As to drug expense, the average monthly expense per drug abuser is 7718.20 Patacas. Most cases are as follow: 20.1% 10000 Patacas or above, 18.1% between 3000-3999 Patacas, 14.7% between 4000-4999 Patacas and 13.1% between 6000-6999 Patacas. Please refer to **Addendum 24**.

24. As to the frequency of drug abuse, abusers with over 30 times per month account for 20.5%, 79.5% of the abusers take drugs less than 30 times per month. Please refer to **Addendum 25**.

25. As to the place of drug abuse, it is mostly in Macao accounting for 54.5%, mainland 42%, Hong Kong 3.5%. Please refer to **Addendum 26**.

26. As to the spots of drug abuse, the proportion in descending order is as follow: 27.3% at home, 25.8% at Disco/Karaoke, 18% at friends' home, 10.5% at hotels, 9.4% at parks/street corners/public toilets, 2.2% at night clubs/saunas, 1.1% at internet bar/game arcades and 0.7% at school. Those who take drug at home, at parks/street corners/public toilets tend to be the elder group. Please refer to **Addendum 27**.

27. As to the reasons for drug abuse, the proportion in descending order is as follow: 31.1% for the relief of stress / pain / frustration / depression, 30.2% peer influences, 16.8% for avoidance of withdrawal syndrome, 8% for curiosity, 7.5%, for excitement, 1.1% for family discord, 0.4% family influence. Please refer to **Addendum 28**.

28. Among the 412 reported drug abusers, only 1 acknowledged needle sharing, proportion being 0.2%. Please refer to **Addendum 29**.

C. 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, from 12 to 15, from 16 to 17 and from 18 to 20.

29. The statistical results recorded 65 drug abusers under age 21, accounting for 15.8% of the total number of drug abusers. Among these 65 abusers, male account for 56.9% while female account for 43%. Please refer to **Addendum 30**.
30. The average age is 17.6 while the average age for first drug abuse is 14.7 years old. Juveniles (under 18 years of age) account for a half (47.7%), those (under 16 years of age) who have not reached the age of criminal responsibility account for 4.6%. Please refer to **Addendum 30 and 31**.
31. Types of drugs abused in the past three months, based on 95 person-times, the majority uses ketamine (50.5%), followed by methamphetamine (Ice) (31.6%), and then nimetazepam (7.4%). Please refer to **Addendum 32**.
32. Based on 65 person-times, 73.8% use ketamine, 46.2% methamphetamine, and 10.8% nimetazepam. Please refer to **Addendum 32**.
33. As to the reason for drug abuse, the majority being peer influences(42.5%), followed by curiosity (18.8%), and then relief of stress / pain / frustration / depression (16.3%). Please refer to **Addendum 33**.
34. Place for drug abuse it is mostly in Macao (52.6%), and nearly half at mainland (46.1%). Please refer to **Addendum 34**.
35. Spots of drug abuse is mostly at Disco/Karaoke (35.8%), followed by hotels (25.9%), and then friends' home (21%), 7.4% at home and 2.5% at school. Please refer to **Addendum 35**.

D. Comparison with the corresponding period of last year

As a half year briefing, we tried to make a statistic result comparison of the first half of 2011 with the first and second half year of 2010.

The followings are simple tables basically based on the order of the questionnaire, results of the first two most popular answers to each question are being compared (in some parts, topics of concern such as "Student" in Occupational Status are also being listed), in addition, arrows are being added to items showing a difference of 5% in the comparison of 2010 and 2011 for easy reading:

Comparison table for each half year of 2010 and 2011:

Item	Status of Drug Abusers	Item percentage in the period or specific unit		
		2010 First half year	2010 Second half year	2011 First half year (in comparison with the corresponding period of last year↑↓)
Overall Status				
1	Number of reported drug abusers	454 person	411 person	412 person ↓
2	Gender : male	77.3	77.9	80.8
	female	22.7	22.1	19.2
3	Average age	32.4 years old	35.4 years old	35.4 yearsold
4	Majority age group : age16-20	22.7	16.1	14.3 ↓
	Age over 40	30.8	38.2	38.1 ↑
5	Average age for first drug abuse	21.3 years old	22.4 years old	22.1 years old
6	Age group of first drug abuse : age 16-20	28	27	29.9
7	Place of Birth : Macao	51.5	49.9	50.2
	Mainland	37.2	39.4	40.3
8	Ethnic: Chinese	94.9	96.1	96.1
9	Citizenship : Macao citizen	86.3	86.9	86.7
10	Residing area : North district	51.5	50.9	52.2
11	Marital status : single	62.3	56.4	49.3 ↓
12	Children status : without children	51.5	41.6	43 ↓
13	Educational Background : primary school	37	35.3	40
	Junior high school	39.2	36.5	36.2
14	Occupational Status : unemployed	46.3	48.9	46.1
	students	9	5.6	6.3
15	Whether other family members use drugs : no	59.9	59.6	60.2

Central Registration System of Drug abusers of Macao
First Half year of 2011 Briefing

16	Criminal record : Yes	37.9	47.7	43.7 ↑
17	Types of Drug abused (calculated according to person-times) : heroin ketamine methamphetamine	32.1 27.6 12.5	37.8 25.2 13.7	39 ↑ 24.6 11.5
18	Average age of heroin abuse	44.4 years old	45.2 years old	44.5 years old
19	Average age of ketamine abuse	22.2years old	23.8 years old	24.3 years old
20	Only use one type of drug	71.9	74.8	72
21	Drug abuse by Intravenous injection (calculated according to person-times)	36.1	42.5	41.4 ↑
22	Monthly drug expenses : less than 1000Patacas 6000-6999Patacas More than 10000Patacas	18.6 11.8 11.5	14.8 15.2 12.5	7.3 ↓ 13.1 20.1 ↑
23	Average monthly drug expenses	6352 Patacas	5839 Patacas	7718 Patacas↑
24	Frequency of Drug Abuse : less than 30 times per month	81.8	80.7	79.5
25	Place of drug abuse : Macao Mainland	58.2 38.7	58.4 37.9	54.5 42
26	Spot of drug abuse : home Karaoke/Discos	27.4 23.6	25.4 20.1	27.3 25.8
27	Reasons to take drugs : peer influences Stress Relief	30.5 26.2	23.7 28.8	30.2 31.1 ↑
28	Needle Sharing Involved	0.2	0.5	0.2
Regarding Juveniles				
29	Number of reported juveniles drug abusers	119 persons	76 persons	65 persons ↓
30	Overall Proportion occupied by Juvenile Drug Abusers	26.2	18.5	15.8 ↓
31	Gender: male	63	52.6	56.9 ↓
32	Average age	17.4 years old	17.8 years old	17.6 years old
33	Average age of first drug abuse	14.8 years old	14.7 years old	14.7 years old
34	Proportion occupied by Juvenile (under 16 years of age) who have not reached the age of criminal	13.4	13.2	4.6 ↓
35	Proportion occupied by Minors (under 18 Years of Age) among Juvenile Drug Abusers	56.3	43.4	47.7 ↓
36	Types of Drug abused (calculated according to person-times) : ketamine methamphetamine	54.7 32.7	54 31	50.5 31.6
37	Reasons to take drugs : peer influences	47.5	27.8	42.5 ↓
38	Place of drug abuse : Macao	50.7	53.3	46.1

39	Spot of drug abuse : home	12.7	9.1	7.4 ↓
	Friends' home	19.3	30	21
	Karaoke/Discos	29.8	23	35.8 ↑
	Hotel	22.1	21.4	25.9

Addendum (first half year of 2011)

For easy reading, some diagrams of specific tables are being made as required, diagram number matches table numbers (such as diagram 1 in correspondence with table 1) for your smooth reading.

Table 1 Number of reports submitted each half year

Reporting Period	Total reports submitted by all the units	Overlapped cases	Actual number of drug abusers
First half year of 2010	560	106	454
Second half year of 2010	498	87	411
First half year of 2011	513	101	412

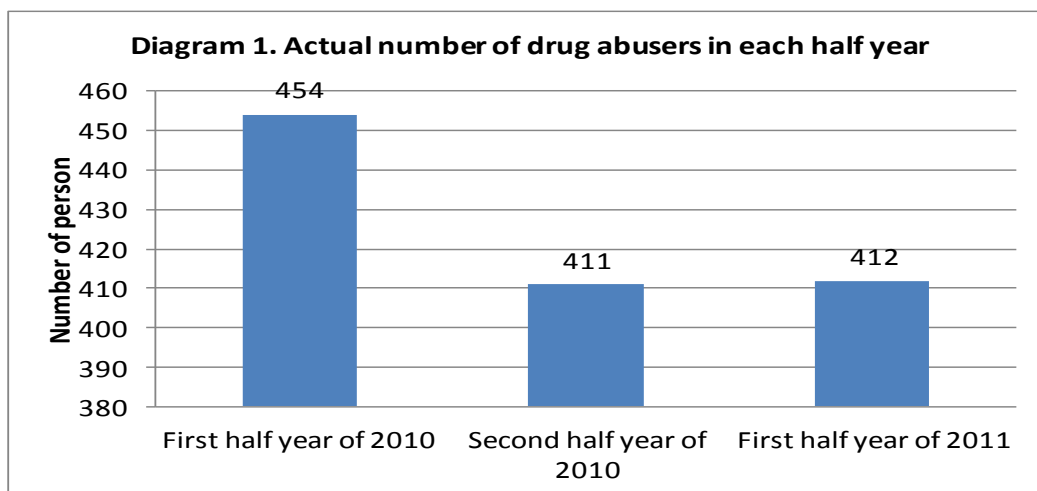


Table 2 Number of reports submitted by each unit in each half year

Reporting units	first half year of 2010		second half year of 2010		first half year of 2011	
	quantity	percentage	quantity	percentage	quantity	percentage
Social Welfare Bureau-Drug Rehabilitation Center	235	42.0%	224	45.0%	247	48.1%
Macao Prison	37	6.6%	43	8.6%	31	6.0%
Health Bureau- S.Januário Emergency	5	0.9%	0	0.0%	4	0.8%

Central Registration System of Drug abusers of Macao
First Half year of 2011 Briefing

Education and Youth Affairs Bureau	16	2.9%	4	0.8%	12	2.3%
Legal Affairs Bureau – Social reintegration Department	51	9.1%	57	11.4%	68	13.3%
Legal Affairs Bureau - Youth Offenders Institute	0	0.0%	5	1.0%	0	0.0%
Teen Challenge Gospel Drug Rehabilitation Centre	8	1.4%	6	1.2%	9	1.8%
Macao Christian New Life Fellowship-Rehabilitation Center	3	0.5%	4	0.8%	3	0.6%
Macao Christian New Life Fellowship - Rehabilitation Center	66	11.8%	34	6.8%	52	10.1%
Macao ARTM-Rehabilitation Center	18	3.2%	10	2.0%	13	2.5%
Macao ARTM-Outreach Department	44	7.9%	23	4.6%	32	6.2%
Macao Renovation and Mutual Assistance Association	0	0.0%	0	0.0%	1	0.2%
Sheng Kung Hui North District Youth Service Team	21	3.8%	12	2.4%	5	1.0%
General Union of Neighbors Association of Macao community Youth Service Team	11	2.0%	2	0.4%	3	0.6%
Health Bureau-Psychiatry Department	5	0.9%	3	0.6%	0	0.0%
Judiciary Police.	40	7.1%	71	14.3%	33	6.4%
Total reports submitted by all units	560	100.0%	498	100.0%	513	100.0%

Table 3 Number of drug abusers according to gender

Gender	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
Male	351	77.3%	320	77.9%	333	80.8%
Female	103	22.7%	91	22.1%	79	19.2%
Total	454	100.0%	411	100.0%	412	100.0%

**Diagram 3. Number of drug abusers according to gender
(year of 2011)**

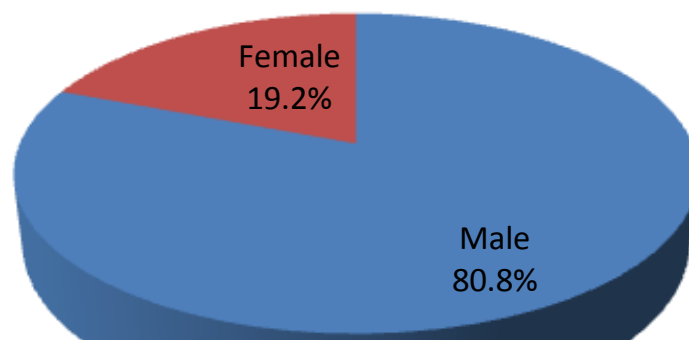


Table 4 Youngest, eldest and average age of drug abusers

Reporting period	Youngest age	Oldest age	Average age
first half year of 2010	13	67	32.4
second half year of 2010	13	86	35.4
first half year of 2011	14	68	35.4

Table 5 Number of drug abusers according to age group

Age group	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
< 16	16	3.5%	10	2.4%	6	1.5%
16 - 20	103	22.7%	66	16.1%	59	14.3%
21 - 25	77	17.0%	60	14.6%	69	16.7%
26 - 30	36	7.9%	31	7.5%	33	8.0%
31 - 35	37	8.1%	37	9.0%	34	8.3%
36 - 40	45	9.9%	50	12.2%	54	13.1%
> 40	140	30.8%	157	38.2%	157	38.1%
Total	454	100.0%	411	100.0%	412	100.0%

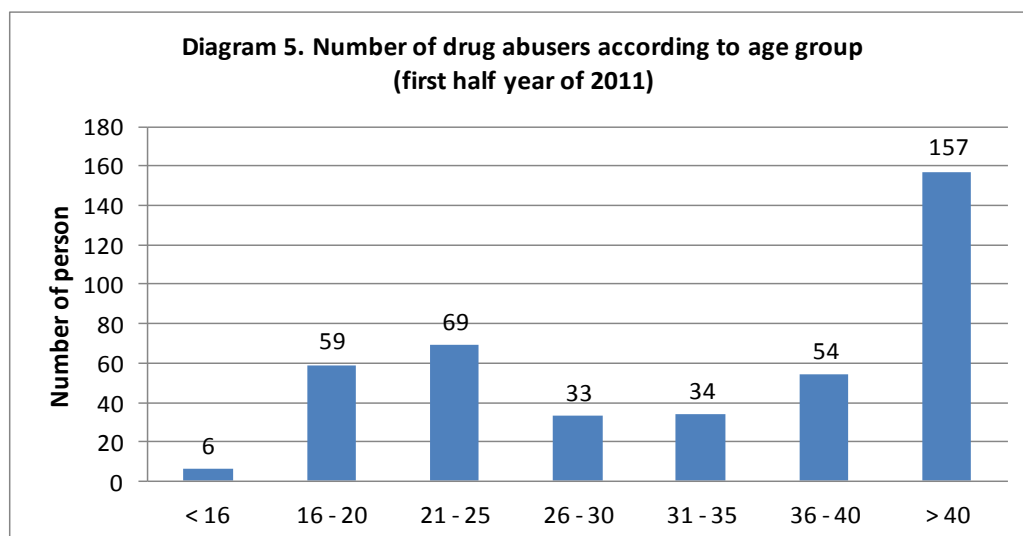


Table 6 Allocation of number of drug abusers according to gender and age

Age group	first half year of 2010				second half year of 2010				first half year of 2011			
	Male		Female		Male		Female		Male		Female	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
< 16	7	2.0%	9	8.7%	4	1.3%	6	6.6%	3	0.9%	3	3.8%
16 - 20	68	19.4%	35	34.0%	36	11.3%	30	33.0%	34	10.2%	25	31.6%
21 - 25	62	17.7%	15	14.6%	50	15.6%	10	11.0%	54	16.2%	15	19.0%
26 - 30	28	8.0%	8	7.8%	23	7.2%	8	8.8%	31	9.3%	2	2.5%
31 - 35	25	7.1%	12	11.7%	29	9.1%	8	8.8%	29	8.7%	5	6.3%
36 - 40	36	10.3%	9	8.7%	40	12.5%	10	11.0%	45	13.5%	9	11.4%
> 40	125	35.6%	15	14.6%	138	43.1%	19	20.9%	137	41.1%	20	25.3%
Total	351	100.0%	103	100.0%	320	100.0%	91	100.0%	333	100.0%	79	100.0%

Table 7 Number of drug abusers according to place of birth

Place of birth	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
Mainland China	169	37.2%	162	39.4%	166	40.3%
Macao	234	51.5%	205	49.9%	207	50.2%
Hong Kong	9	2.0%	23	5.6%	17	4.1%
Others	14	3.1%	13	3.2%	13	3.2%
Unknown	28	6.2%	8	1.9%	9	2.2%
Total	454	100.0%	411	100.0%	412	100.0%

Table 8 Number of drug abusers according to ethnic group

Ethnic group	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
Chinese	431	94.9%	395	96.1%	396	96.1%
Others	14	3.1%	10	2.4%	10	2.4%
Unknown	9	2.0%	6	1.5%	6	1.5%
Total	454	100.0%	411	100.0%	412	100.0%

Table 9 Number of drug abusers according to citizenship

Citizenship	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
Macao citizen	392	86.3%	357	86.9%	357	86.7%
Non-Macao citizen	38	8.4%	47	11.4%	41	10.0%
Unknown	24	5.3%	7	1.7%	14	3.4%
Total	454	100.0%	411	100.0%	412	100.0%

Table 10 Number of drug abusers according to residing area

Residing area	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
North district	234	51.5%	209	50.9%	215	52.2%
Central district	84	18.5%	68	16.5%	74	18.0%
South district	52	11.5%	51	12.4%	52	12.6%
Cotai	16	3.5%	14	3.4%	16	3.9%
Mainland China	26	5.7%	31	7.5%	23	5.6%
Unknown	42	9.3%	38	9.2%	32	7.8%
Total	454	100.0%	411	100.0%	412	100.0%

Table 11 Number of drug abusers according to marital status

Marital status	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
Single	283	62.3%	232	56.4%	203	49.3%
Married	97	21.4%	104	25.3%	113	27.4%
Cohabitated	14	3.1%	15	3.6%	19	4.6%
Widowed	1	0.2%	1	0.2%	1	0.2%
Devoiced or separated	40	8.8%	49	11.9%	47	11.4%
Unknown	19	4.2%	10	2.4%	29	7.0%
Total	454	100.0%	411	100.0%	412	100.0%

Table 12 Number of drug abusers according to children status

Children status	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
With children	121	26.7%	131	31.9%	130	31.6%
Without children	234	51.5%	171	41.6%	177	43.0%
Unknown	99	21.8%	109	26.5%	105	25.5%
Total	454	100.0%	411	100.0%	412	100.0%

Table 13 Number of drug abusers according to educational background

Educational background	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
Without educational background	2	0.4%	5	1.2%	5	1.2%
Primary school	168	37.0%	145	35.3%	165	40.0%
Junior high school	178	39.2%	150	36.5%	149	36.2%
High school	47	10.4%	40	9.7%	41	10.0%
College or above	6	1.3%	3	0.7%	1	0.2%
Unknown	53	11.7%	68	16.5%	51	12.4%
Total	454	100.0%	411	100.0%	412	100.0%

Table 14 Number of drug abusers according to occupational status

Occupational status	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
Full time	153	33.7%	146	35.5%	157	38.1%
Casual work	21	4.6%	21	5.1%	14	3.4%
Illegal industry	6	1.3%	2	0.5%	1	0.2%
Unemployed	210	46.3%	201	48.9%	190	46.1%
Students	41	9.0%	23	5.6%	26	6.3%
House work	2	0.4%	1	0.2%	1	0.2%
Unknown	21	4.6%	17	4.1%	23	5.6%
Total	454	100.0%	411	100.0%	412	100.0%

Table 15 Number of drug abusers according to whether other family members use drugs

Whether other family members use drugs	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
Yes	41	9.0%	34	8.3%	36	8.7%
No	272	59.9%	245	59.6%	248	60.2%
Unknown	141	31.1%	132	32.1%	128	31.1%
Total	454	100.0%	411	100.0%	412	100.0%

Table 16 Number of drug abusers according to criminal records

Whether with criminal records	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
With criminal records	172	37.9%	196	47.7%	180	43.7%
Without criminal records	145	31.9%	115	28.0%	121	29.4%
Unknown	137	30.2%	100	24.3%	111	26.9%
Total	454	100.0%	411	100.0%	412	100.0%

Table 17 Average age of first drug abuse

Reporting Period	Average age of first drug abuse
first half year of 2010	21.3
second half year of 2010	22.4
first half year of 2011	22.1

Table 18 Allocation of age of first drug abuse by gender

Age of first drug abuse by gender	first half year of 2010						second half year of 2010						first half year of 2011					
	Male		Female		Total		Male		Female		Total		Male		Female		Total	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
<11	2	0.6%	1	1.0%	3	0.7%	1	0.3%	1	1.1%	2	0.5%	2	0.6%	1	1.3%	3	0.7%
11 - 15	70	19.9%	29	28.2%	99	21.8%	37	11.6%	27	29.7%	64	15.6%	42	12.6%	22	27.8%	64	15.5%
16 - 20	101	28.8%	26	25.2%	127	28.0%	92	28.8%	17	18.7%	109	26.5%	106	31.8%	17	21.5%	123	29.9%
21 - 25	57	16.2%	11	10.7%	68	15.0%	60	18.8%	9	9.9%	69	16.8%	60	18.0%	10	12.7%	70	17.0%
26 - 30	33	9.4%	12	11.7%	45	9.9%	36	11.3%	12	13.2%	48	11.7%	33	9.9%	9	11.4%	42	10.2%
31 - 35	24	6.8%	2	1.9%	26	5.7%	25	7.8%	0	0.0%	25	6.1%	27	8.1%	0	0.0%	27	6.6%
36 - 40	11	3.1%	2	1.9%	13	2.9%	10	3.1%	3	3.3%	13	3.2%	12	3.6%	4	5.1%	16	3.9%
> 40	10	2.8%	0	0.0%	10	2.2%	10	3.1%	1	1.1%	11	2.7%	8	2.4%	1	1.3%	9	2.2%
Unknown	43	12.3%	20	19.4%	63	13.9%	49	15.3%	21	23.1%	70	17.0%	43	12.9%	15	19.0%	58	14.1%
Total	351	100.0%	103	100.0%	454	100.0%	320	100.0%	91	100.0%	411	100.0%	333	100.0%	79	100.0%	412	100.0%

Table 19 Types of drugs abused in the past three months

Type of drugs	first half year of 2010				second half year of 2010				first half year of 2011			
	Average age	Number of persons	Percentage based on 624 persons	Percentage based on submitted 454 persons	Average age	Number of persons	Percentage based on 524 persons	Percentage based on submitted 411 persons	Average age	Number of persons	Percentage based on 541 persons	Percentage based on submitted 412 persons
Heroin	44.5	200	32.1	44.1	45.2	198	37.8	48.2	44.5	211	39	51.21
Methadone	45.5	30	4.8	6.6	47.1	18	3.4	4.4	44.1	24	4.44	5.83
Morphine Ampoules	35	2	0.3	0.4	59	2	0.4	0.5	46.3	3	0.55	0.73
Cannabis	26.7	18	2.9	4	26.6	5	1	1.2	23.2	10	1.85	2.43
Methylamphetamine (Ice)	21.8	78	12.5	17.2	26.7	72	13.7	17.5	24.2	62	11.46	15.05
Cocaine	25.4	11	1.8	2.4	25	10	1.9	2.4	22.5	6	1.11	1.46
MDMA (Ecstasy)	25.3	12	1.9	2.6	24.8	4	0.8	1	23.6	8	1.48	1.94
Magu	18.7	3	0.5	0.7	86	1	0.2	0.2	24.0	1	0.18	0.24
Chlordiazepoxide	15	1	0.2	0.2	0	0	0	0	0.0	0	0.00	0.00
Diazepam	0	0	0	0	0	0	0	0	0.0	0	0.00	0.00
Flunitrazepam	0.0	0	0.00	0.00	0.0	0	0.00	0.00	51.0	1	0.18	0.24
Midazolam	54.8	6	1	1.3	47.0	1	0.2	0.2	38.8	10	1.85	2.43
Triazolam (White seeds)	0	0	0	0	45.0	1	0.2	0.2	0.0	0	0.00	0.00
Triazolam	45.8	56	9	12.3	46.5	42	8	10.2	45.5	43	7.95	10.44
Nimetazepam	23.0	15	2.4	3.3	22.5	18	3.4	4.4	19.5	10	1.85	2.43
Ketamine	22.8	172	27.6	38	23.8	132	25.2	32.1	23.4	133	24.59	32.28
Codeine	29.6	9	1.4	2	32.7	7	1.3	1.7	32.9	7	1.29	1.70
Others	32.3	11	1.8	2.4	36.9	13	2.5	3.2	41.8	12	2.22	2.91
Unknown	21.1	17	N/A	3.7	27.5	18	N/A	4.4	31.1	26	N/A	6.31
Total	33.6*	624**	100	N/A	35.7*	524**	100	N/A	35.3*	541**	100.00%	N/A

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

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

**Diagram 19. Types of drugs abused in the past three
(first half year of 2011)**

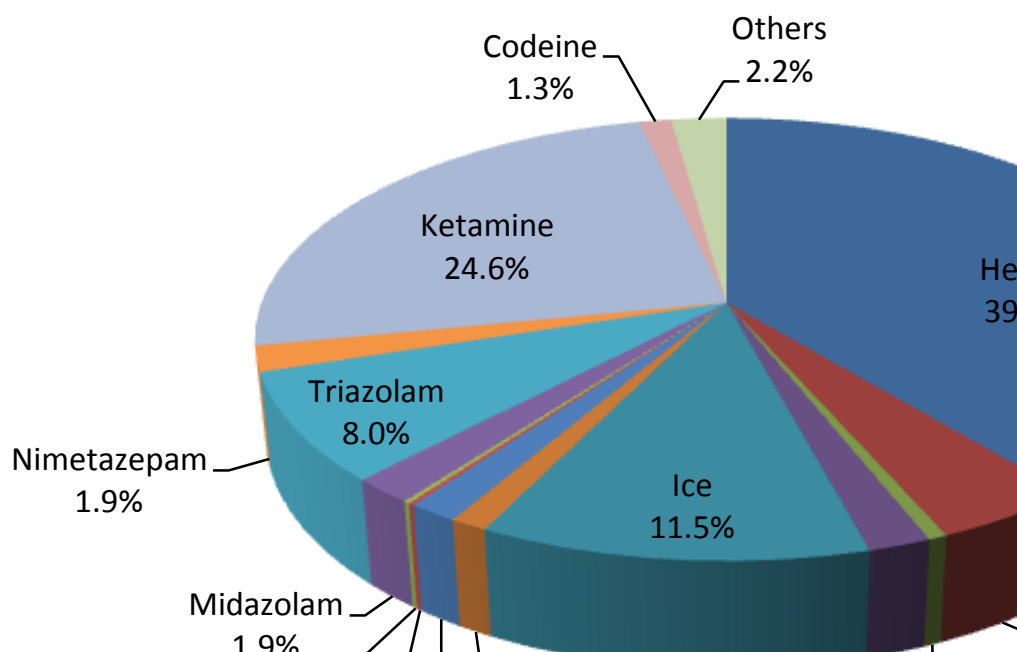


Table 20 Average age of first drug abuse and average age of drug abusers (using the most popular 2 types of drugs as an example)

First half year of 2010				Second half year of 2010				First half year of 2011			
Heroin		Ketamine		Heroin		Ketamine		Heroin		Ketamine	
Average age of first drug abuse	average age	Average age of first drug abuse	average age	Average age of first drug abuse	average age	Average age of first drug abuse	average age	Average age of first drug abuse	average age	Average age of first drug abuse	average age
24.5	44.4	18.3	22.2	24.9	45.3	18.8	23.2	24.9	44.5	18.8	24.3

Table 21 Number of drug abusers abusing different types of drugs in the past three months according to age
(using the most popular 2 types of drugs as an example)

Age of first drug abuse	first half year of 2010				second half year of 2010				first half year of 2011			
	Heroin		Ketamine		Heroin		Ketamine		Heroin		Ketamine	
	Number of persons	percentage	Number of persons	percentage	Number of persons	percentage	Number of persons	percentage	Number of persons	percentage	Number of persons	percentage
< 11	2	1.0%	0	0.0%	1	0.5%	0	0.0%	1	0.5%	1	0.8%
11 - 15	12	6.0%	54	31.4%	8	4.0%	32	24.2%	11	5.2%	25	18.8%
16 - 20	61	30.5%	42	24.4%	59	29.8%	30	22.7%	63	29.9%	40	30.1%
21 - 25	48	24.0%	15	8.7%	49	24.7%	12	9.1%	52	24.6%	12	9.0%
26 - 30	40	20.0%	4	2.3%	40	20.2%	4	3.0%	39	18.5%	4	3.0%
31 - 35	20	10.0%	1	0.6%	19	9.6%	2	1.5%	23	10.9%	1	0.8%
36 - 40	11	5.5%	2	1.2%	12	6.1%	2	1.5%	12	5.7%	1	0.8%
>40	5	2.5%	4	2.3%	5	2.5%	2	1.5%	8	3.8%	2	1.5%
Unknown	1	0.5%	50	29.1%	5	2.5%	48	36.4%	2	0.9%	47	35.3%
Total	200	100.0%	172	100.0%	198	100.0%	132	100.0%	211	100.0%	133	100.0%

Table 22 Number of types of drugs abused at the same time in the past three months

Number of types of drugs abused	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
1	314	71.9%	294	74.8%	278	72.0%
2	74	16.9%	72	18.3%	69	17.9%
3	39	8.9%	24	6.1%	33	8.5%
4	7	1.6%	2	0.5%	5	1.3%
5	2	0.5%	0	0.0%	0	0.0%
6	0	0.0%	1	0.3%	1	0.3%
7	1	0.2%	0	0.0%	0	0.0%
Total	437	100.0%	393	100.0%	386	100.0%

Table 23 Method of drug abuse in the past three months

Method of drug abuse	first half year of 2010			second half year of 2010			first half year of 2011		
	Number of persons	Percentage based on 610 persons	Percentage based on submitted 454 persons	Number of persons	Percentage based on 457 persons	Percentage based on submitted 411 persons	Number of persons	percentage based on 479 persons	Percentage based on submitted 412 persons
Intravenous injection	220	36.1	48.5	194	42.5	47.2	198	41.4	48.1%
Intramuscular injection	14	2.3	3.1	15	3.3	3.6	12	2.5	2.9%
Cigarettes or cigarette holders	38	6.2	8.4	20	4.4	4.9	28	5.8	6.8%
Chasing dragon	37	6.1	8.1	32	7	7.8	44	9.2	10.7%
Oral ingestion	107	17.5	23.6	76	16.6	18.5	73	15.2	17.7%
sniffing	142	23.3	31.3	108	23.6	26.3	106	22.1	25.7%
Without particular way	0	0	0	0	0	0	2	0.4	0.5%
Others	52	8.5	11.5	12	2.6	2.9	16	3.3	3.9%
Unknown	31	N/A	6.8	85	N/A	20.7	88	N/A	21.4%
Total	610*	100	N/A	457*	100	N/A	479	100.0%	N/A

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

**Diagram 23. Method of drug abuse in the past three months
(first half year of 2011)**

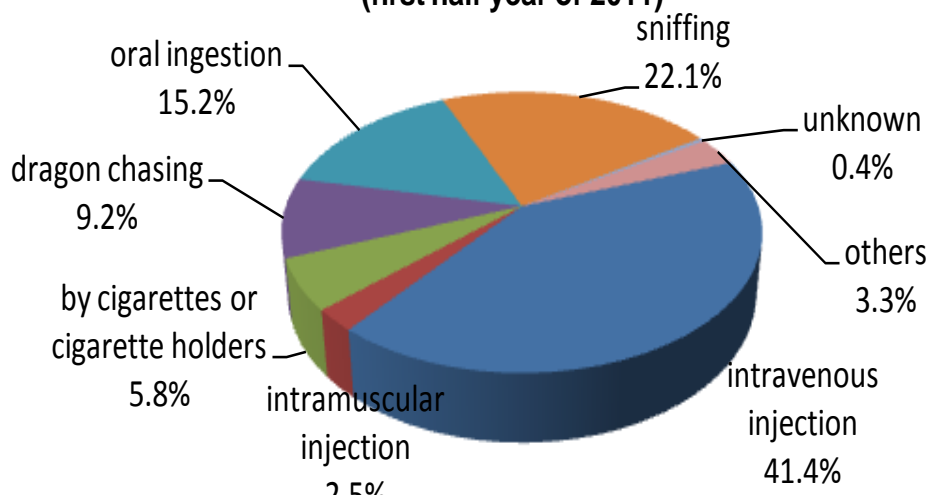


Table 24 Monthly drug expenses in the past three months

Monthly drug expenses	first half year of 2010			second half year of 2010			first half year of 2011		
	Number of persons	percentage	Average expenses	Number of persons	Percentage	Average expenses	Number of persons	Percentage	Average expenses
< 1000	55	18.6%	306.70	39	14.8%	424.40	19	7.3%	512.60
1000 - 1999	25	8.4%	1,252.00	16	6.1%	1,303.10	19	7.3%	1,273.70
2000 - 2999	11	3.7%	2,154.50	11	4.2%	2,200.00	8	3.1%	2,162.50
3000 - 3999	49	16.6%	3,127.60	53	20.1%	3,116.00	47	18.1%	3,186.20
4000 - 4999	45	15.2%	4,440.50	41	15.5%	4,474.40	38	14.7%	4,415.80
5000 - 5999	14	4.7%	5,192.90	5	1.9%	5,180.00	10	3.9%	5,270.00
6000 - 6999	35	11.8%	6,077.10	40	15.2%	6,015.00	34	13.1%	6,023.50
7000 - 7999	13	4.4%	7,400.00	15	5.7%	7,353.30	10	3.9%	7,440.00
8000 - 8999	2	0.7%	8,100.00	1	0.4%	8,000.00	2	0.8%	8,000.00
9000 - 9999	13	4.4%	9,069.20	10	3.8%	9,000.00	20	7.7%	9,045.00
> 9999	34	11.5%	27,636.20	33	12.5%	19,893.30	52	20.1%	21,181.30
Total	296	100.0%	6,352.30	264	100.0%	5,838.90	259	100.0%	7,718.20

Table 25 Frequencies of drug abuse in the past three months

Times of drug abuse per month	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
< 31	225	81.8%	146	80.7%	132	79.5%
31 - 60	14	5.1%	8	4.4%	8	4.8%
61 - 90	25	9.1%	11	6.1%	8	4.8%
> 90	11	4.0%	16	8.8%	18	10.8%
Total	275	100.0%	181	100.0%	166	100.0%

Table 26 Places of drug abuse in the past three months according to age

Places of drug abuse	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
Mainland China	177	38.7%	133	37.9%	155	42.0%
Macao	266	58.2%	205	58.4%	201	54.5%
Hong Kong	10	2.2%	13	3.7%	13	3.5%
Others	4	0.9%	0	0.0%	0	0.0%
Total	457	100.0%	351	100.0%	369	100.0%

Diagram 26 Places of drug abuse in the past three months according to age

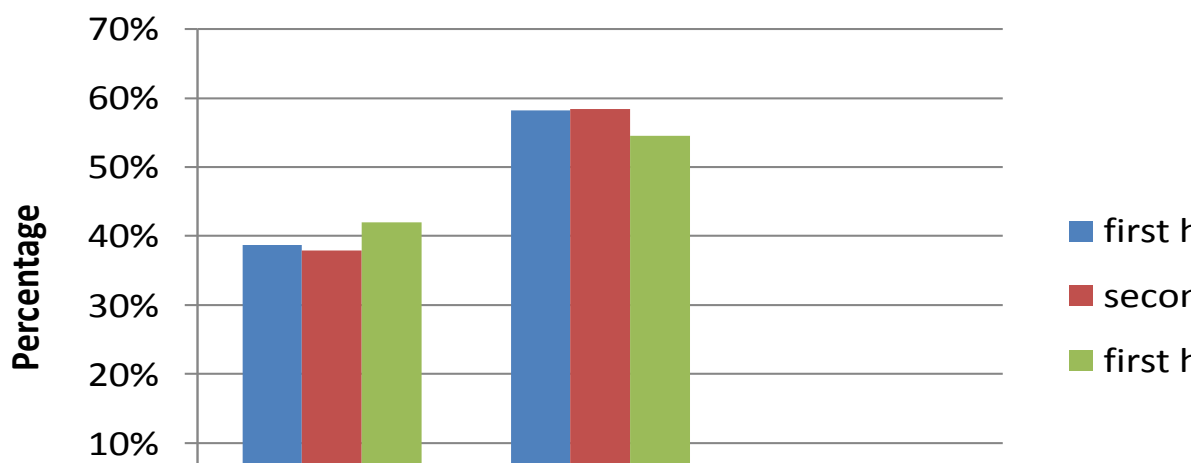


Table 27 Places of drug abuse in the past three months

Places of drug abuse	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
Home	116	27.4%	67	25.4%	73	27.3%
Friends' home	69	16.3%	57	21.6%	48	18.0%
Night club/Sauna	12	2.8%	4	1.5%	6	2.2%
Discos/Karaoke	100	23.6%	53	20.1%	69	25.8%
Internet bar/Game arcades	13	3.1%	5	1.9%	3	1.1%
School	7	1.7%	2	0.8%	2	0.7%

Parks/street corners/public toilets	45	10.6%	31	11.7%	25	9.4%
Hotels*	52	12.3%	31	11.7%	28	10.5%
Others	10	2.4%	14	5.3%	13	4.9%
Total	424	100.0%	264	100.0%	267	100.0%

*item added into the list only in 2011

Diagram 27. Places of drug abuse in the past three months

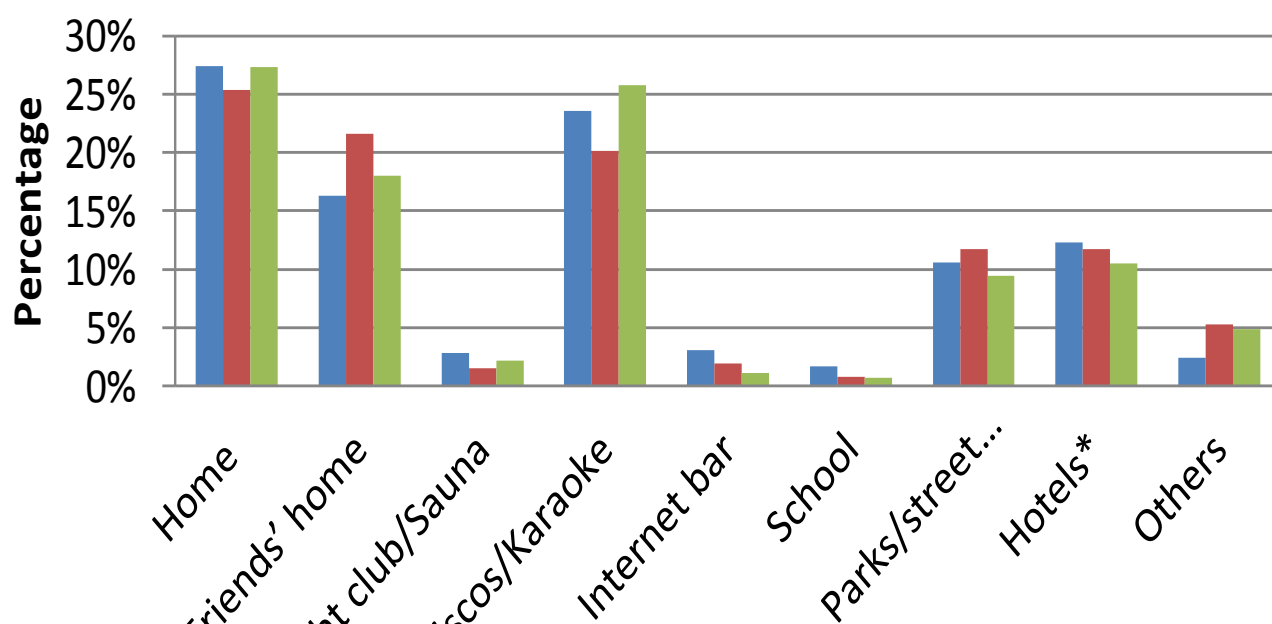


Table 28 Reasons for drug abuse in the past three months

Reasons for drug abuse	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
Curiosity	68	11.1%	48	10.2%	37	8.0%
Peer influences	186	30.5%	112	23.7%	140	30.2%
Family influences	9	1.5%	4	0.8%	2	0.4%
Excitement	42	6.9%	40	8.5%	35	7.5%
Relief from Stress/pain/frustration/depression	160	26.2%	136	28.8%	145	31.3%
avoidance of withdrawal syndrome	101	16.6%	84	17.8%	78	16.8%
family discord	5	0.8%	17	3.6%	5	1.1%
Others	39	6.4%	31	6.6%	22	4.7%
Total	610	100.0%	472	100.0%	464	100.0%

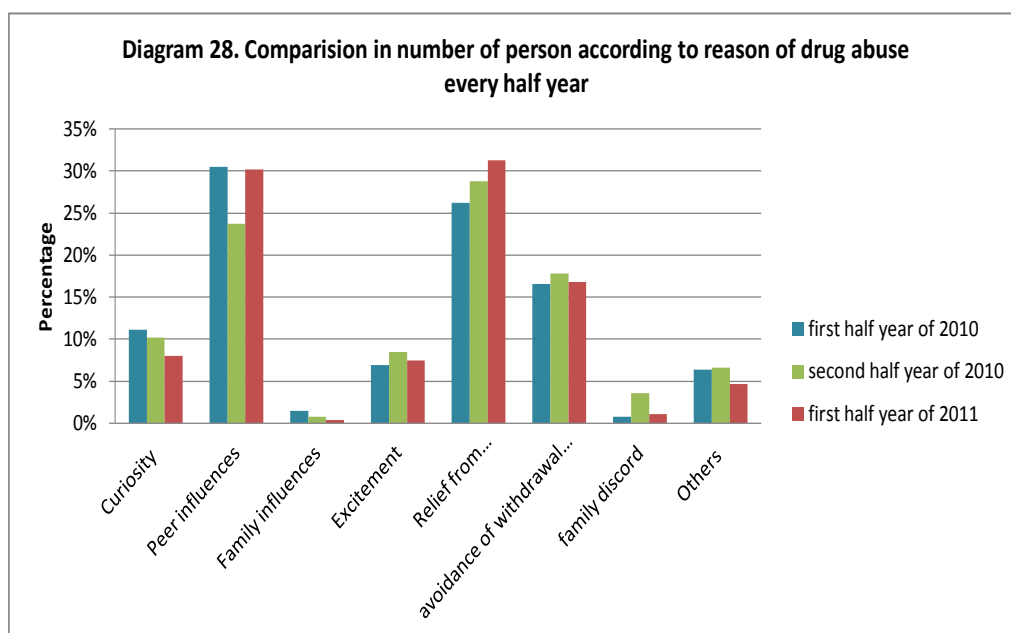


Table 29 Number of drug abusers according to whether needle sharing is involved

Whether needle sharing is involved	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
Yes	1	0.2%	2	0.5%	1	0.2%
No	377	83.0%	321	78.1%	336	81.6%
Unknown	76	16.7%	88	21.4%	75	18.2%
Total	454	100.0%	411	100.0%	412	100.0%

Table 30 Allocation of Juvenile drug abusers under age of 21 according to gender and age group

Age	first half year of 2010				second half year of 2010				first half year of 2011			
	Male		Female		Male		Female		Male		Female	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
12 - 15	7	9.3%	9	20.5%	4	10.0%	6	16.7%	3	8.1%	3	10.7%
16 - 17	30	40.0%	21	47.7%	8	20.0%	15	41.7%	15	40.5%	10	35.7%
18 - 20	38	50.7%	14	31.8%	28	70.0%	15	41.7%	19	51.4%	15	53.6%
Total	75	100.0%	44	100.0%	40	100.0%	36	100.0%	37	100.0%	28	100.0%

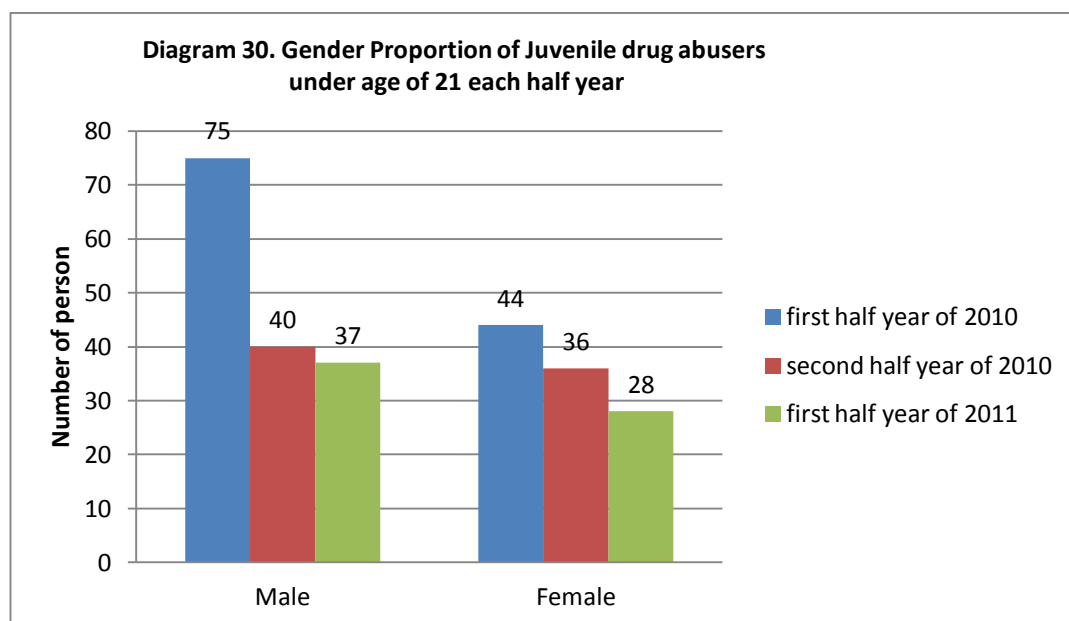


Table 31 Average age of Juvenile drug abusers under age of 21

Age calculation according to every half year	Average age	Average age of first drug abuse
first half year of 2010	17.39	14.83
second half year of 2010	17.75	14.69
first half year of 2011	17.62	14.65

Table 32 Types of drugs abused by juvenile drug abusers under age of 21

Types of drugs abused	first half year of 2010			second half year of 2010			first half year of 2011		
	Number of persons	Percentage based on the total reported number of 150 persons	Percentage based on the total reported number of 119 persons	Number of persons	Percentage based on 100 persons	Percentage based on the total reported number of 76 persons	Number of persons	Percentage based on the total reported number of 95 persons	Percentage based on the total reported number of 65 persons
Ketamine	82	54.7	68.9	54	54	71.1	48	50.5	73.8
Methamphetamine	49	32.7	41.2	31	31	40.8	30	31.6	46.2
MDMA (Ecstasy)	4	2.7	3.4	2	2	2.6	3	3.2	4.6
Nimetazepam	6	4	5	9	9	11.8	7	7.4	10.8
Cannabis	4	2.7	3.4	0	0	0	5	5.3	7.7
Cocaine	0	0	0	2	2	2.6	1	1.1	1.5
Midazolam	0	0	0	0	0	0	0	0.0	0.0
Heroin	0	0	0	0	0	0	0	0.0	0.0
MaGu	2	1.3	1.7	0	0	0	0	0.0	0.0
Diazepam	0	0	0	0	0	0	0	0.0	0.0
Chlordiazepoxide	1	0.7	0.8	0	0	0	0	0.0	0.0
Codeine	0	0	0	0	0	0	0	0.0	0.0
Others	2	1.3	1.7	2	2	2.6	1	1.1	1.5
Unknown	9	N/A	7.6	8	N/A	10.5	3	N/A	4.6
Total	150*	100	N/A	100*	100	N/A	95*	100	N/A

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

Diagram 32. Types of drugs abused by juvenile drug abusers under age of 21 (first half of 2010)

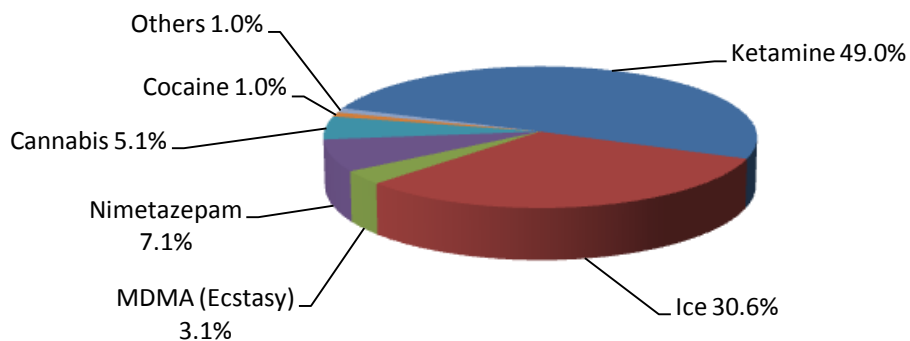


Table 33 Reasons for juvenile drug abusers under age of 21 to abuse drugs

Reasons for drug abuse	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
Curiosity	23	12.7%	20	17.4%	15	18.8%
Peer influences	86	47.5%	32	27.8%	34	42.5%
Family influences	7	3.9%	4	3.5%	2	2.5%
Excitement	17	9.4%	15	13.0%	13	16.3%
relief of stress / pain / frustration / depression	33	18.2%	26	22.6%	13	16.3%
avoidance of withdrawal syndrome	0	0.0%	5	4.3%	0	0.0%
family discord	2	1.1%	8	7.0%	1	1.3%
Others	13	7.2%	5	4.3%	2	2.5%
Total	181	100.0%	115	100.0%	80	100.0%

Diagram 33. Percentage of reasons for juvenile drug use by gender and age group

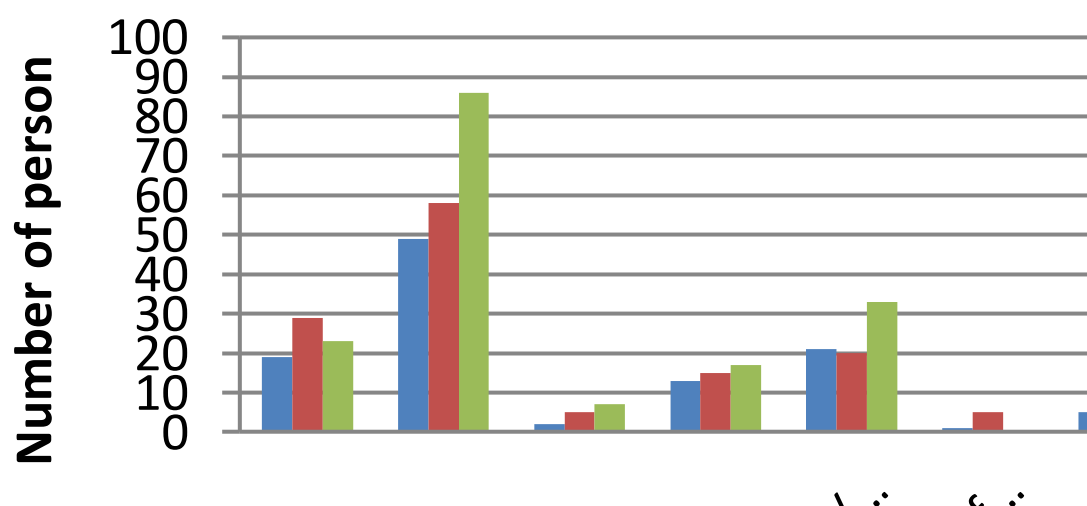


Table 34 Place of drug abuse for juvenile drug abusers under age of 21

Places of drug abuse	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
Macao	50	62.5	51	52.6	70	50.7
Mainland China	30	37.5	45	46.4	66	47.8
Hong Kong	0	0	1	1	1	0.7
Others	0	0	0	0	1	0.7
Total	80	100	97	100	138	100

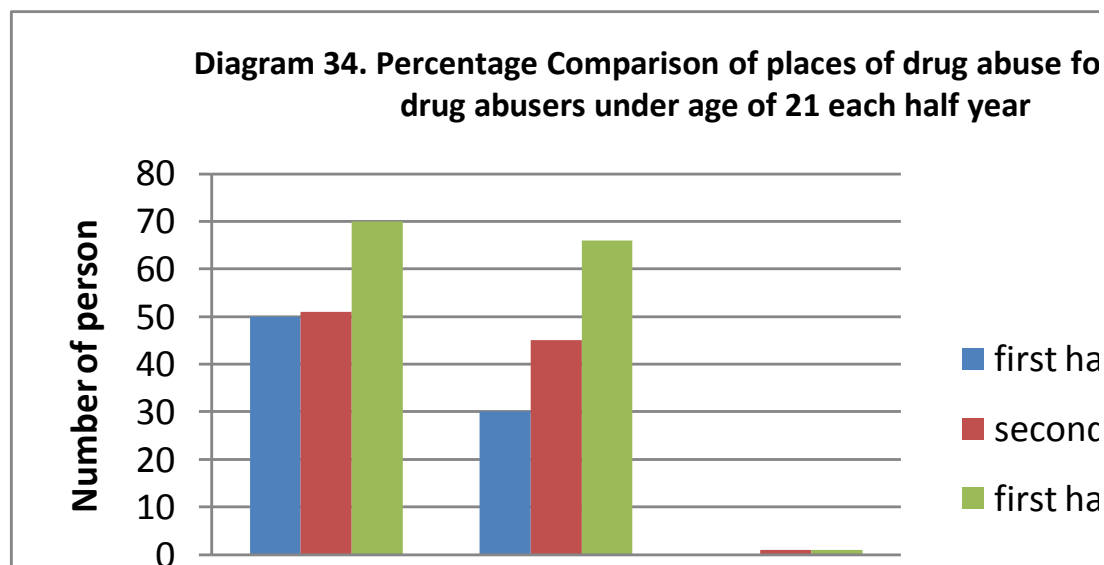


Table 35 Spots of drug abuse for juvenile drug abusers under age of 21

Spots of drug abuse	first half year of 2010		second half year of 2010		first half year of 2011	
	Number of persons	Percentage	Number of persons	Percentage	Number of persons	Percentage
Home	12	11.4	11	7.2	23	12.7
Friends' home	19	18.1	37	24.3	35	19.3
Night clubs/Saunas	4	3.8	11	7.2	7	3.9
Discos/Karaoke	41	39	49	32.2	54	29.8
Internet bar/Game arcades	12	11.4	10	6.6	9	5
School	4	3.8	4	2.6	7	3.9
Parks/street corners/public toilets	5	4.8	4	2.6	3	1.7
Hotels	0	0	0	0	40	22.1

Others	8	7.6	26	17.1	3	1.7
Total	105	100	152	100	181	100

**Diagram 35. Percentage comparison of spots of drug abuse
juvenile drug abusers under age of 21**

