



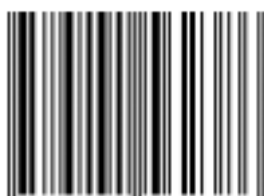
World Health Organization

# SUBSTANCE USE IN CENTRAL AND EASTERN EUROPE

Knowledge, Attitudes,  
Practices and  
Opportunities for  
Intervention

The United Nations International Drug Control Programme (UNDCP) and the World Health Organization (WHO) Global Initiative Project on Primary Prevention of Substance Abuse aims to mobilize communities to respond appropriately to the problem of substance use among young people. The project is being implemented in selected sites in eight countries in three regions: Southern Africa, Southeast Asia, and Central and Eastern Europe. The first phase of the project consisted of baseline assessments on the status of substance use to determine the appropriate interventions and existing community resources. The findings of the assessments show that young people are vulnerable to substance use and its consequences and that the use of these substances by young people is widespread and growing. A wide range of substances are used including drug injecting in particular in the Russian Federation sites. However, tobacco and alcohol remain the most commonly used substances. Young people are socially exposed and “pressured” towards substance use by close associates. Approval of substance use, a belief that substance use does not entail risks, and that usage is gratifying, underpin substance use practices. The inability of existing institutions to effectively carry out primary prevention initiatives increases young people’s vulnerability. The findings suggest the need for interventions that give equal weight to supply and demand reduction; target not only young people, but also their seniors; improve young people’s living conditions; and ensure that community members (including young people) unite in preventive action.

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**Substance use in Central and Eastern Europe**  
**Knowledge, Attitudes, Practices and Opportunities for**  
**Intervention**

**Summary of baseline assessments in the Republic of Belarus and the**  
**Russian Federation**

**WHO/UNDCP Global Initiative on Primary Prevention of**  
**Substance Abuse “Global Initiative”**



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## PREFACE

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In 1997, the World Health Organization (WHO) and United Nations International Drug Control Programme (UNDCP) jointly initiated a project on primary prevention of substance abuse among young people with the view of mobilizing communities and developing model projects for adaptation or replication in parts of Central and Eastern Europe and the world. Problems related to substance use are now a priority concern especially among young people and are linked to and often precipitated by adverse social economic factors. To date, most proven interventions remain underused and undervalued as often they may not necessarily be appropriate for countries in transition.

Through the WHO/UNDCP Global Initiative local partners in the Republic of Belarus and the Russian Federation are receiving support on planning and implementing evidence-based prevention strategies. The foundation of good primary prevention initiatives depends on a well thought out strategic project plan with monitoring and evaluation components. The baseline assessments carried out by local research institutions in each participating country provide reference points for impact assessments.

To permit easier access to information for a broad reader audience, only summaries of the findings are presented. However, detailed research information can be obtained at the project web-site cited in this document. It is my sincere hope that the information presented in this document can contribute towards greater awareness and response to the problem of substance use among young people in the Republic of Belarus and the Russian Federation.



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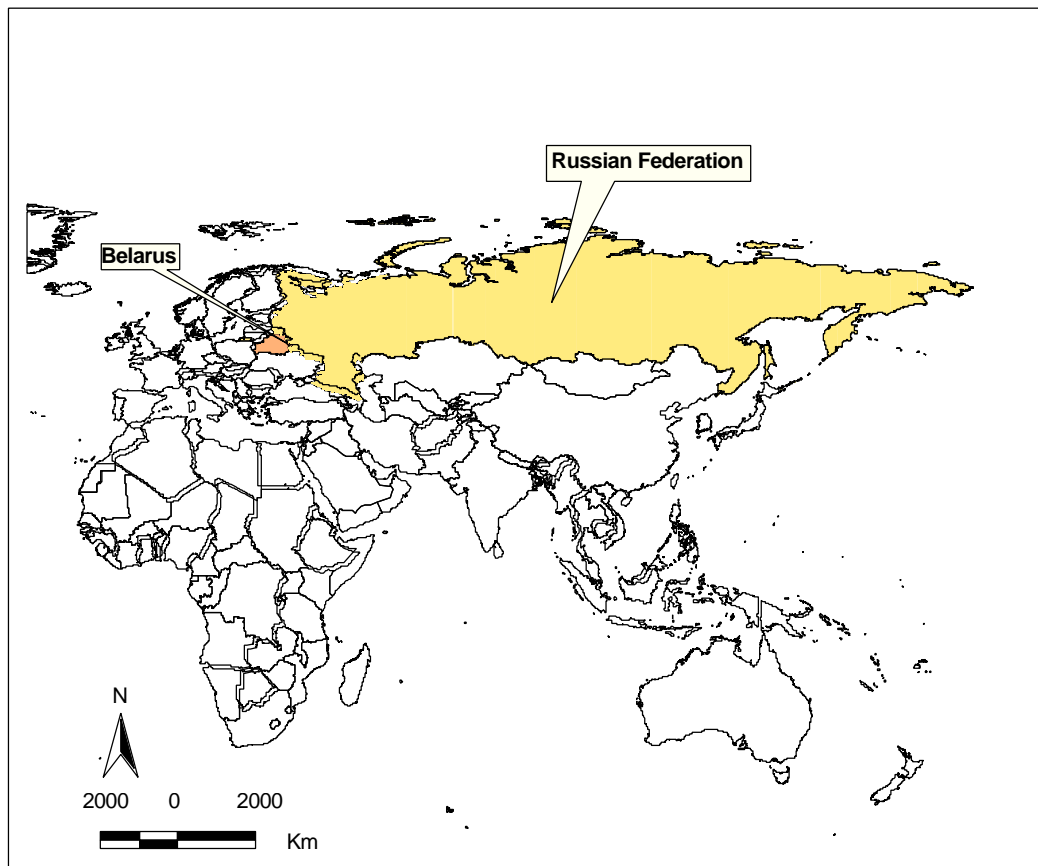
**Project website:** [http://www.who.int/substance\\_abuse/UNDCP\\_WHO\\_initiative](http://www.who.int/substance_abuse/UNDCP_WHO_initiative)





BACKGROUND

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## **1.1 Introduction**

The Global Initiative on Primary Prevention of Substance Abuse (Global Initiative) is a five-year project that is jointly executed by the United Nations International Drug Control Programme (UNDCP) and the World Health Organization (WHO). Implementation commenced in June 1997. The Global Initiative aims to prevent the use and abuse of all licit and illicit psychoactive substances by young people. The project is implemented in selected communities in eight countries in three regions of the world where rapid/dramatic social change is in progress. The regions are Southern Africa, Southeast Asia and Central and Eastern Europe. Prevention activities of the project are based on the mobilization of local communities. The project comprises five sets of interrelated activities: (1) a baseline assessment, (2) training of local partners, (3) public health intervention, (4) monitoring activities including experience sharing, and (5) post-intervention assessment and documentation of best practice. Through these activities, local partners facilitate the mobilization of their communities towards preventing substance use. The results of the evaluation of the intervention activities will shed light on effective responses for use in other communities that also wish to address the problem of substance use among young people.

This report summarizes the key results of the first phase of the project (baseline assessment) in the Republic of Belarus and the Russian Federation, and proposes key interventions based on the findings in the selected sites. The baseline assessments were carried out in 2001. This summary is derived from a comprehensive and integrated regional report compiled by WHO. Individual country specific reports can be obtained from WHO on request.

## **1.2 Methodology of baseline assessments**

### **1.2.1 Site selection**

Two sites were selected in Belarus. However, due to the fact that the Russian Federation is a big country, three sites were selected in this country. In general, for both the Russian Federation and Belarus, the respective sites' population size was such that the available intervention resources in the regions concerned would be adequate. Other key issues that influenced site selection included:

- (a) the extent of substance use/abuse among young people in the community,
- (b) whether the site was a rural or urban community,
- (c) the socioeconomic status of community members,
- (d) the feasibility of primary prevention, and
- (e) the extent to which the community was experiencing socioeconomic change.

### **1.2.2 Variables/data**

The baseline assessment comprised the generation of three main datasets:

- a) Knowledge, attitudes and practices (KAP) Study. This component provided information on substance use among young people (10-21 year olds) and adults (22 years and older) at the community level.
- b) Community Profile 1. This component provided information on the organizational or institutional and cultural context in which substance use occurred; relevant community organization resources and existing prevention efforts; and community organizations' understanding, -of beliefs, attitudes and customs with regard to substance use.
- c) Community Profile 2. This component provided information on societal structures and processes related to substance use particularly among young people.

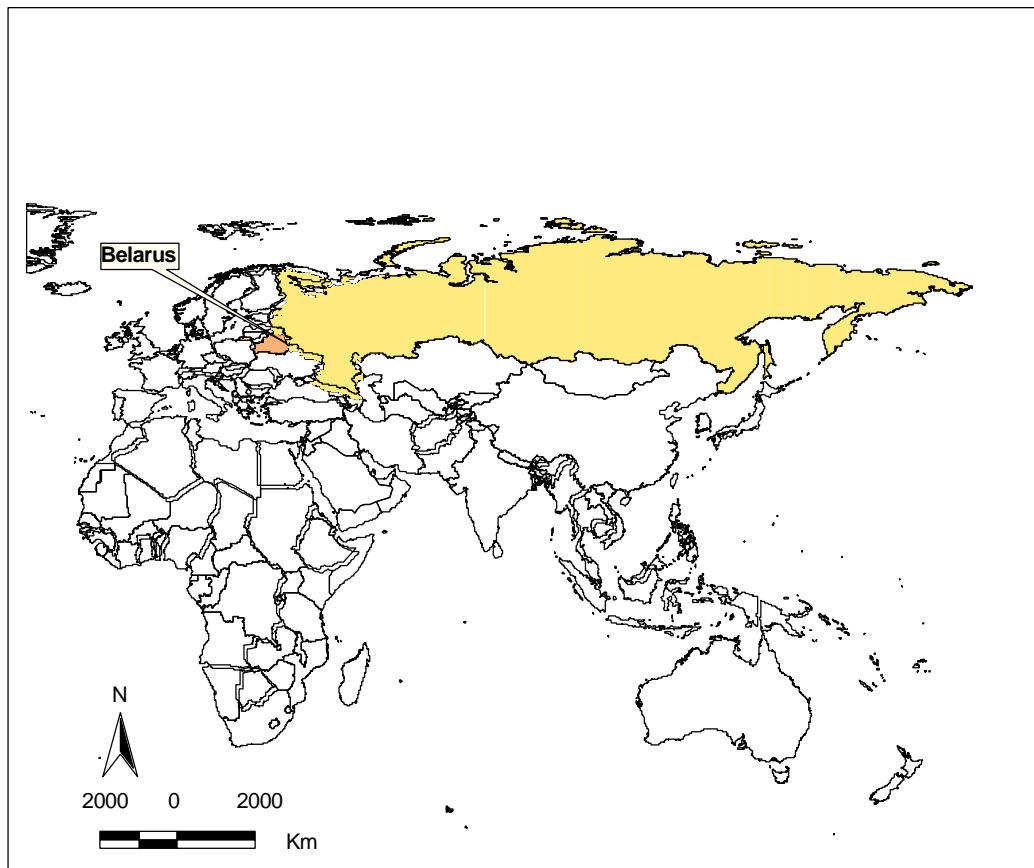
### **1.2.3 Data collection and analysis**

Data were collected through a desk review of available secondary data (see bibliography), focus group and key informant interviews, as well as a sample survey (KAP Study) that used an interview-administered and structured questionnaire. Basic descriptive analyses of data were performed using frequency distributions. Key findings from focus group discussions and secondary sources were also collated and tabulated.



REPUBLIC OF BELARUS

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## 2.1 Site description

Two urban districts were selected as intervention sites in the Republic of Belarus for the Global Initiative. Partizanski District in the city of Minsk (capital of Belarus) and Central District in the city of Gomel. Except for a somewhat larger population in Partizanski District (see Table 1), the two sites had a largely similar gender and age structure, i.e. mostly women and persons in the age group 30 years and older. Most residents were of Slavic background.

**Table 1: Demographic profile of the participating sites (1999 census)**

| Variable                                     | Central District | Partizanski District |
|--|------------------|----------------------|
| <b>Gender distribution in the population</b> |                  |                      |
| 1. Males.....                                | 45.8%            | 46.7%                |
| 2. Females.....                              | 54.2%            | 53.3%                |
| <b>Age distribution in the population</b>    |                  |                      |
| 1. 0-14 years.....                           | 17.8%            | 17.4%                |
| 2. 15-19 years.....                          | 9.7%             | 9.7%                 |
| 3. 20-23 years.....                          | 8.3%             | 9.1%                 |
| 4. 24-29 years.....                          | 7.4%             | 7.4%                 |
| 5. 30 years or older .....                   | 56.8%            | 56.4%                |
| Mean age of the population .....             | 43.6 years       | 43.5 years           |
| <b>Total population (N) .....</b>            | <b>70 800</b>    | <b>94 501</b>        |

## 2.2 KAP study: Knowledge, attitudes and practices related to the use of psychoactive substances

### 2.2.1 Demographic profile of respondents

Table 2 presents the key demographic characteristics of the respective sets of respondents in the KAP survey. The age composition of the adult KAP samples was largely similar. The mean age in the Partizanski District sample was 41.5 years; in the Central District sample it was 42.8 years. Males and females were more evenly distributed in the Central District adult KAP survey sample than in the corresponding Partizanski District sample. The Central District youth KAP survey sample included mostly females (59.0%). In contrast, the Partizanski District sample had more even proportions of males (51.8%) and females (48.2%). The ages of the respondents in the Partizanski District sample were also more evenly distributed than in the corresponding Central District sample. In the Partizanski District sample 20.4% of youngsters were in the 10-12 years age group, 34.6% in the 13-16 years age group, and 44.9% in the 17-21 years age group. In the Central District sample 10-12 year olds comprised 1.3% of

the overall sample, 13-16 year olds 74.9%, and older persons 23.7%. Many young people in both samples lived with both their parents as well as with their siblings, 55.2% in Central District and 45.0% in Partizanski District. Although most of the respondents in the adult and, to a lesser extent, in the youth samples were of Christian faith, active participation in religious activities was largely absent, particularly among the youth.

**Table 2: Demographic profiles of the respondents in the Youth and Adult KAP Survey**

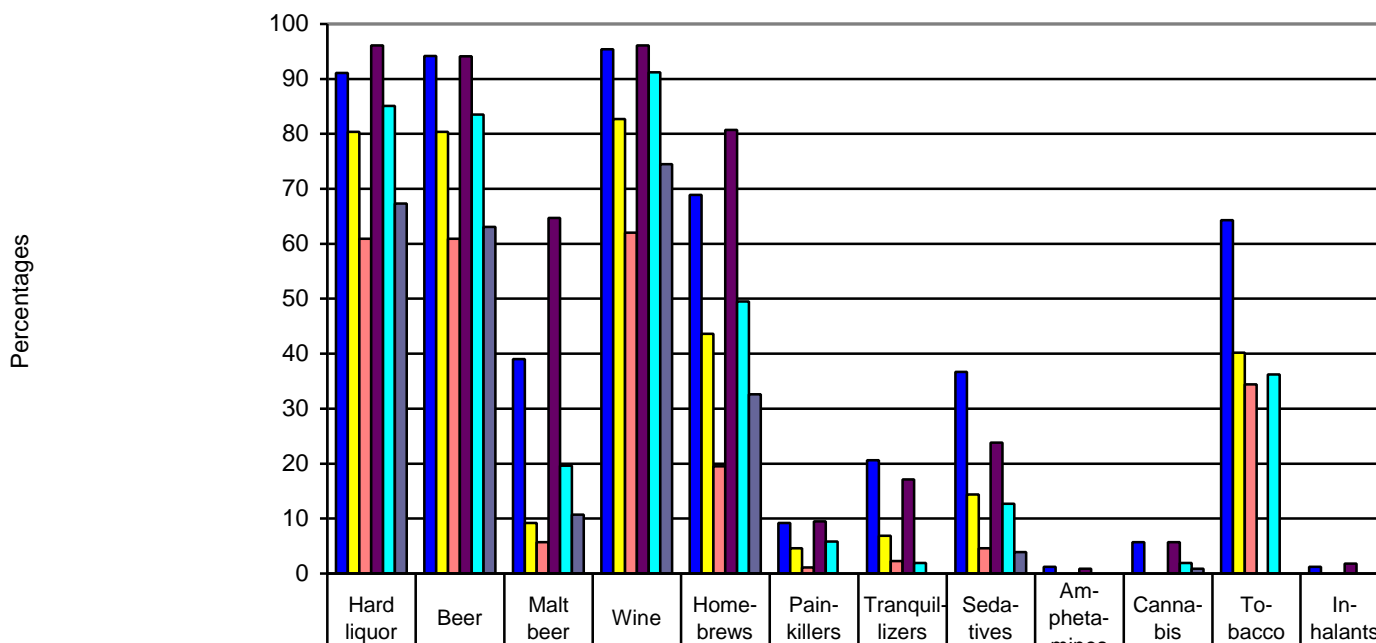
| Variable                                      | Central District |                  | Partizanski District |            |
|---|------------------|------------------|----------------------|------------|
|   | Adult KAP        | Youth KAP        | Adult KAP            | Youth KAP  |
| Mean age .....                                | 42.8 years ..... | 15.5 years ..... | 41.5 years .....     | 15.8 years |
| <b>Gender distribution</b>                    |                  |                  |                      |            |
| 1. Males.....                                 | 46.0% .....      | 41.0% .....      | 33.3% .....          | 51.8%      |
| 2. Females .....                              | 54.0% .....      | 59.0% .....      | 66.7% .....          | 48.2%      |
| <b>Employment status</b>                      |                  |                  |                      |            |
| 1. Employed .....                             | 90.8% .....      | 2.9% .....       | 89.5% .....          | 7.0%       |
| 2. Unemployed.....                            | 9.2% .....       | - .....          | 10.5% .....          | -          |
| <b>School/tertiary institution attendance</b> |                  |                  |                      |            |
| 1. Tertiary institution .....                 | - .....          | 29.5% .....      | - .....              | 36.3%      |
| 2. School .....                               | - .....          | 64.4% .....      | - .....              | 54.0%      |
| 3. None.....                                  | - .....          | 3.0% .....       | - .....              | 2.7%       |
| <b>Religious affiliation</b>                  |                  |                  |                      |            |
| 1. Christian.....                             | 93.1% .....      | 78.7% .....      | 81.7% .....          | 74.0%      |
| 2. Other .....                                | 2.0% .....       | 2.9% .....       | 2.0% .....           | 5.0%       |
| 3. None.....                                  | 4.9% .....       | 18.3% .....      | 16.3% .....          | 21.0%      |
| <b>Religion considered</b>                    |                  |                  |                      |            |
| 1. very/pretty important .....                | 32.9% .....      | 29.6% .....      | 38.8% .....          | 28.0%      |
| 2. not important.....                         | 67.1% .....      | 70.4% .....      | 61.2% .....          | 72.0%      |
| <b>Total N .....</b>                          | <b>87 .....</b>  | <b>307 .....</b> | <b>105 .....</b>     | <b>309</b> |

## 2.2.2 Adult KAP Survey results

### (a) Lifetime and current (past 12 months' and past 30 days') substance use

Figure 1 shows the extent to which the respondents in the adult KAP survey admitted using psychoactive substances at particular periods in their life, i.e. at some time in their life (lifetime use), in the 12 months before the survey, and in the 30 days before the survey. Alcoholic beverages were by far the substances most commonly reported in both districts. For example, between 91.1% and 95.4% of the respondents in Central District admitted lifetime use of hard liquor, beer and wine, and between 94.1% and 96.1% in

**Figure 1: Substance use in the Adult KAP Survey (Central District: N=87; Partizanski District: N=105)-percentages**



|   | Hard liquor | Beer | Malt beer | Wine | Home-brews | Pain-killers | Tranquilizers | Sedatives | Amphetamines | Cannabis | Tobacco | Inhalants |
|---|-------------|------|-----------|------|------------|--------------|---------------|-----------|--------------|----------|---------|-----------|
| ■ Central District: Lifetime use            | 91.1        | 94.2 | 39        | 95.4 | 68.9       | 9.2          | 20.6          | 36.7      | 1.2          | 5.7      | 64.3    | 1.2       |
| ■ Central District: Past 12 months' use     | 80.4        | 80.4 | 9.2       | 82.7 | 43.6       | 4.6          | 6.9           | 14.4      | -            | -        | 40.2    | -         |
| ■ Central District: Past 30 days' use       | 60.9        | 60.9 | 5.7       | 62   | 19.5       | 1.1          | 2.3           | 4.6       | -            | -        | 34.4    | -         |
| ■ Partizanski District: Lifetime use        | 96.1        | 94.1 | 64.7      | 96.1 | 80.7       | 9.5          | 17.1          | 23.8      | 0.9          | 5.7      | -       | 1.8       |
| ■ Partizanski District: Past 12 months' use | 85.1        | 83.5 | 19.6      | 91.2 | 49.5       | 5.8          | 1.9           | 12.7      | -            | 1.9      | 36.2    | -         |
| ■ Partizanski District: Past 30 days' use   | 67.3        | 63.1 | 10.7      | 74.5 | 32.6       | -            | -             | 3.9       | -            | 0.9      | -       | -         |

Partizanski District. Besides alcoholic beverages, lifetime use of especially tobacco, tranquillizers and sedatives was reported, with proportions varying between 20.6% and 64.3% in Central District and between zero and 23.8% in Partizanski District. Lifetime use of illicit substances was reported in respect of cannabis (5.7% in both sites) and amphetamines (1.2% in Central District and 0.9% in Partizanski District). A number of the respondents who admitted lifetime substance use also reported current substance use—i.e. in the 12 months and/or 30 days before the survey—at least with regard to alcoholic beverages such as hard liquor, beer and wine.

Many respondents in the adult KAP survey indicated that their close associates and specifically their partners/spouses smoked cigarettes (44.3% of the respondents with partners in Partizanski District and 37.1% in Central District) and, especially, consumed alcohol (72.7% of the relevant respondents in Partizanski District and 80.7% in Central District). About one-tenth reported that their partners/spouses got drunk once a week (10.4% of the respondents in Partizanski District and 11.5% in Central District). A few reported that their spouses used tranquillizers (2.5% in each site).

*(b) Regular substance use, alcohol dependence and other substance use-related problems*

Table 3 presents the extent to which respondents in the adult KAP survey admitted (a) regular (daily/weekly) use of the most commonly taken substances (i.e. various alcoholic beverages); (b) symptoms of alcohol dependence; and (c) experiences of problems related to substance use in the 12 months before the survey. Between 6.9% and 24.9% in Central District and between 4.7% and 18.9% in Partizanski District admitted regular use of hard liquor, beer and wine.

**Table 3: Regular use of commonly used alcoholic beverages, dependent drinking and consequences of substance use in the 12 months before the Adult KAP Survey**

| Variables   | Central District (%) | Partizanski District (%) |
|---|----------------------|--------------------------|
| <b>Regular (daily/weekly) use of alcoholic beverages</b>    |                      |                          |
| 1. Hard liquor.....   | 14.9                 | 12.4                     |
| 2. Beer generally .....                                     | 24.9                 | 18.9                     |
| 3. Wine.....  | 6.9                  | 4.7                      |
| <b>Dependent drinking</b>                                   |                      |                          |
| 1. Inability to stop after the first drink .....            | 8.9                  | 8.8                      |
| 2. Neglect of responsibilities due to drinking .....        | 10.4                 | 16.5                     |
| 3. Early morning drinking.....                              | 8.1                  | 9.9                      |
| 4. Feelings of remorse/guilt after a drinking session ..... | 9.3                  | 20.0                     |
| 5. Memory lapse after/during a drinking session.....        | 14.1                 | 8.6                      |

| Variables   | Central District (%) | Partizanski District (%) |
|---|----------------------|--------------------------|
| <b>Substance-related consequences</b>                             |                      |                          |
| 1. Someone injured because of respondent's drinking .....         | 16.2                 | 14.4                     |
| 2. Someone expressed concern about respondent's drinking .....    | 5.8                  | 9.6                      |
| 3. Driving under the influence of a substance.....                | 2.4                  | 1.8                      |
| 4. Poor performance at work because of substance use.....         | 6.0                  | 8.8                      |
| 5. Substance-related disorderly behaviour.....                    | 2.4                  | 3.9                      |
| 6. Substance-related fights/arguments .....                       | 4.7                  | 10.6                     |
| 7. Operation of a machine under the influence of a substance..... | 2.4                  | 1.8                      |
| <b>Total N</b> .....  | <b>87</b>            | <b>105</b>               |

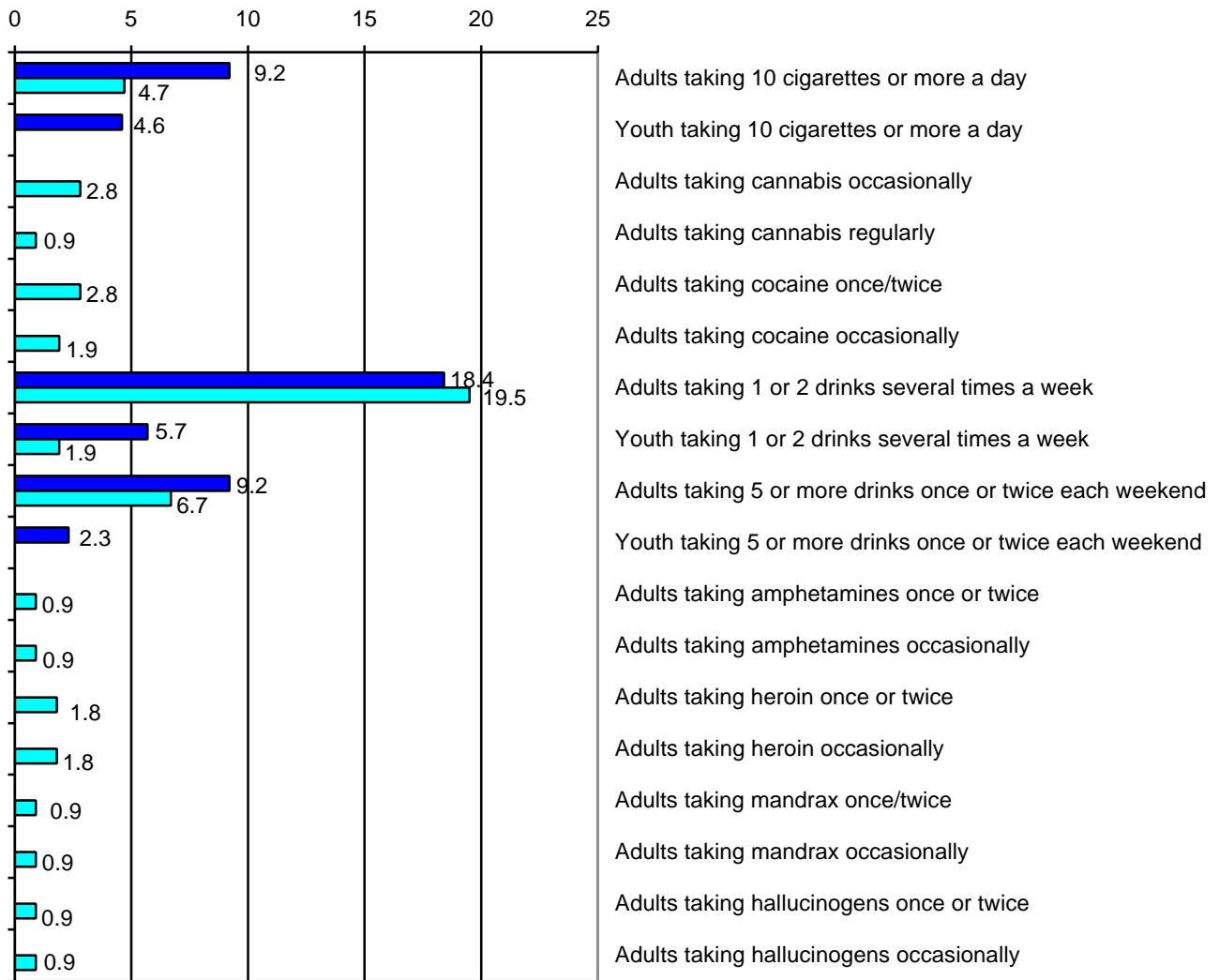
Some respondents in the adult KAP survey admitted symptoms of alcohol dependence (between 8.6% and 20.0% in Partizanski District and between 8.1% and 14.1% in Central District). Experiences of problems related to substance use were also reported, particularly injuries (16.2% in Central District and 14.4% in Partizanski) and violence (10.6% in Partizanski District and 4.7% in Central District).

(c) *Attitudes/views regarding substance use and knowledge/awareness of the legal status of substances*

**Approval of substance use**

Figure 2 shows that the respondents in the adult KAP survey mostly did not approve of illicit substance use and to a lesser extent the use of licit substances, especially if engaged in by young people. Approval was particularly expressed with regard to people taking one or two drinks several times a week (18.4% in Central District and 19.5% in Partizanski District). Heavy weekend drinking (taking five or more drinks once or twice each weekend) and heavy daily use of cigarettes (taking 10 or more cigarettes per day) tended to be more commonly approved in Central District than in Partizanski District. In fact, 9.2% in Central District and 6.7% in Partizanski District approved of people in general drinking heavily on weekends; and 2.3% in Central District and none in Partizanski District approved of young people doing so. In Central District 9.2% of the respondents approved of people in general using cigarettes heavily and 4.7% in Partizanski District; 4.6% in Central District and none in Partizanski District approved of young people using cigarettes heavily. Only respondents in Partizanski District (between 0.9% and 2.8%) approved of the use of illicit substances (e.g. cannabis, cocaine, heroin, amphetamines and hallucinogens), and only if users were adults. Respondents in Partizanski District rather than in Central District approved of the legalization of illicit substances (between 6.0% and 9.0% in Partizanski District and between 3.6% and 8.4% in Central District).

**Figure 2: (Strong) approval of substance use in the Adult KAP Survey-percentages**



■ Central District (N=87) ■ Partizanski (N=105)

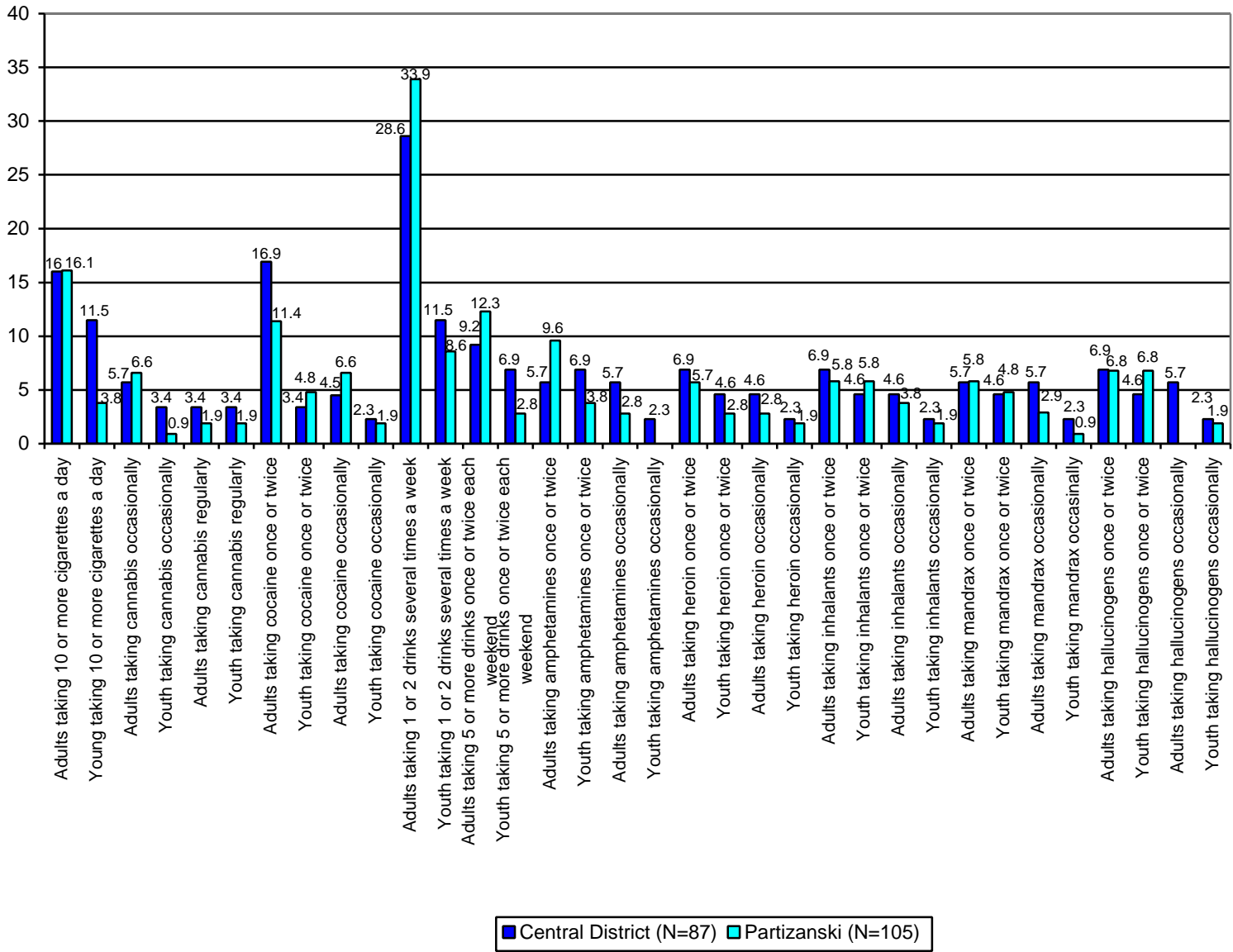
### **View that substance use entails no or a slight risk**

Figure 3 presents the extent to which respondents in the adult KAP survey believed that substance use entailed a risk. The respondents tended to view substance use as risky, expressing this view generally particularly with regard to young users. Activities such as heavy cigarette use (taking 10 or more cigarettes per day) and regular use of alcohol (taking one or two drinks several times a week) by adults were to some extent an exception. For example, 16.0% in Central District and 16.1% in Partizanski District believed heavy cigarette use by adults entailed no risk or a slight risk; 28.6% in Central District and 33.9% in Partizanski District believed the regular use of alcohol by adults to be risky. Furthermore, respondents in Partizanski District rather than in Central District indicated that no or a slight risk was taken when adults (a) took five or more drinks once or twice each weekend, (b) took cannabis occasionally, or (c) took amphetamines once or twice. Respondents in Central District rather than in Partizanski District indicated that no or a slight risk was taken when adults used (a) cannabis regularly, (b) amphetamines occasionally, (c) heroin once or twice or occasionally, (d) hallucinogens occasionally, and (e) mandrax or inhalants occasionally.

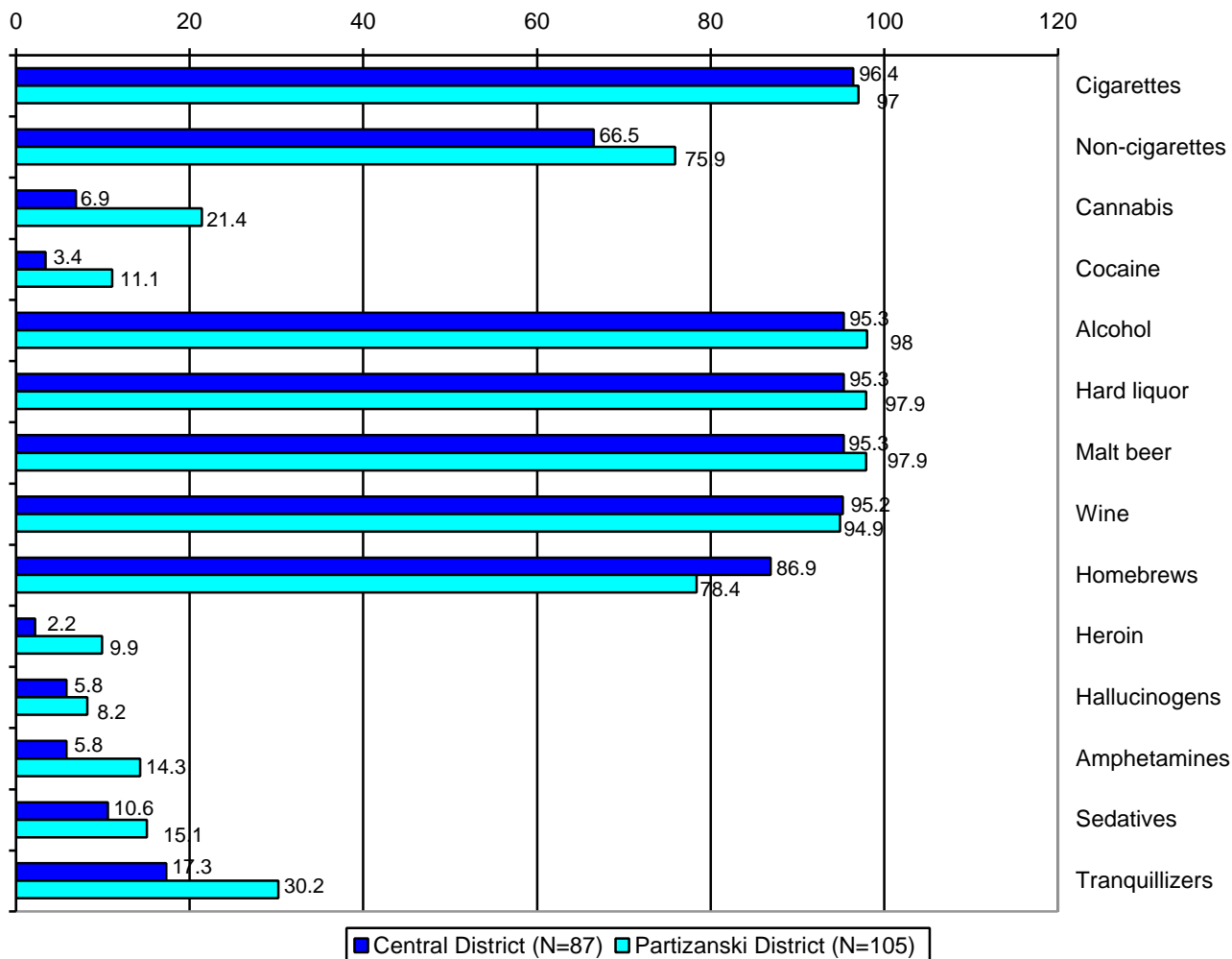
### **View that substances are easy to obtain**

In Figure 4 the views of the respondents in the adult KAP survey on the availability of substances in their communities are presented. In both sites the respondents mostly indicated that it would be very or fairly easy to obtain alcoholic and tobacco products in their communities (between 66.5% and 96.4% in Central District and between 75.9% and 98.0% in Partizanski District). With regard to illicit substances, the respective sites indicated cannabis (6.9% in Central District and 21.4% in Partizanski District) in particular as very/fairly easy to obtain. Between 8.2% and 14.3% of the respondents in Partizanski and between 2.2% and 5.8% in Central District said that it was very/fairly easy to obtain cocaine, heroin, hallucinogens and amphetamines in their communities. A number of respondents also indicated sedatives and tranquillizers as (very) easy to obtain, i.e. between 10.6% and 17.3% in Central District and between 15.1% and 30.2% in Partizanski District.

**Figure 3: Substance use entails no or a slight risk in the Adult KAP Survey- percentages**



**Figure 4: View that substances are very or fairly easy to obtain in the Adult KAP Survey-percentages**



**Views on the places where substances are normally used**

The respondents in the adult KAP survey (at least 90.0% in both samples) identified a variety of social gatherings or places where drinking normally took place. Illicit substance use seemed to be restricted to certain places/gatherings. For example, 5.9% of the respondents in Central District and 6.9% in Partizanski District stated that young people normally used cannabis at parties, with 0.9% in both sites indicating the same for older users of cannabis. In Central District 5.9% of the respondents and in

Partizanski District 0.9% stated that youth use of amphetamines normally took place at sport events, with more or less similar proportions (4.5% in Central District and 0.9% in Partizanski District) indicating the same for older users of this substance.

### **Awareness of the legal status of substance use**

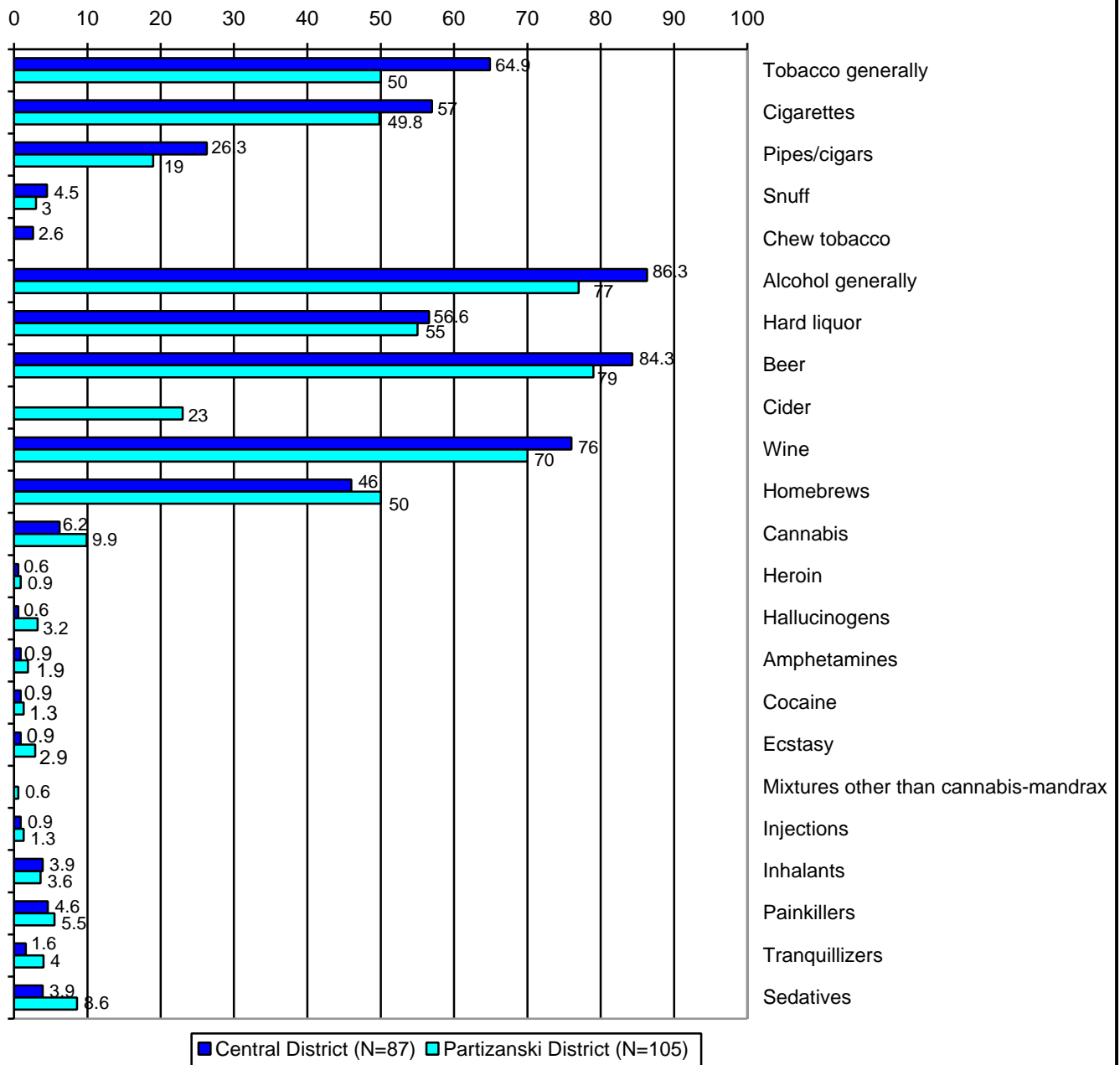
By far the majority (90.0% and more in each sample) of the respondents in the adult KAP survey knew that the use of cannabis, cocaine, heroin, amphetamines, mandrax and hallucinogens was illegal. In contrast, 85.5% and 80.7% of the respondents in Central District respectively regarded the non-medical use of sedatives and tranquillizers as legal; in Partizanski District substantially lower percentages expressed this view, namely respectively 14.8% and 29.7%.

### **2.2.3 Youth KAP Survey results**

#### *(a) Lifetime and current (past 12 months' and past 30 days') substance use*

Figures 5 and 6 show the extent to which the respondents in the youth KAP survey admitted substance use. Use of a variety of substances was reported, especially the use of alcohol and tobacco products and particularly so in Central District. The use of illicit substances as well as painkillers and prescription medicine was more commonly reported in Partizanski District than in Central District. For example, 86.3% of the respondents in Central District and 77.0% in Partizanski District admitted using some form of alcohol at some time in their life; the corresponding percentages for tobacco were 64.9% and 50.0%. Substance use also generally presented as a long-term rather than short-term activity in Partizanski District, and a short-term rather than long-term activity in Central District. In fact, in both sites fewer youngsters admitted past 12 months' use and especially past 30 days' use than lifetime use, although the decrease from lifetime to past 12 months' and past 30 days' use was generally less marked in Partizanski District than in Central District. The use of cigars/pipes and to some extent homebrews, however, presented as short-term activities in Partizanski District, and as long-term activities in Central District.

**Figure 5: Lifetime substance use in the Youth KAP Survey- percentages**



**Figure 6: Substance use in the Youth KAP Survey (Partizanski District (N=309) and Central District (N=307))-percentages**

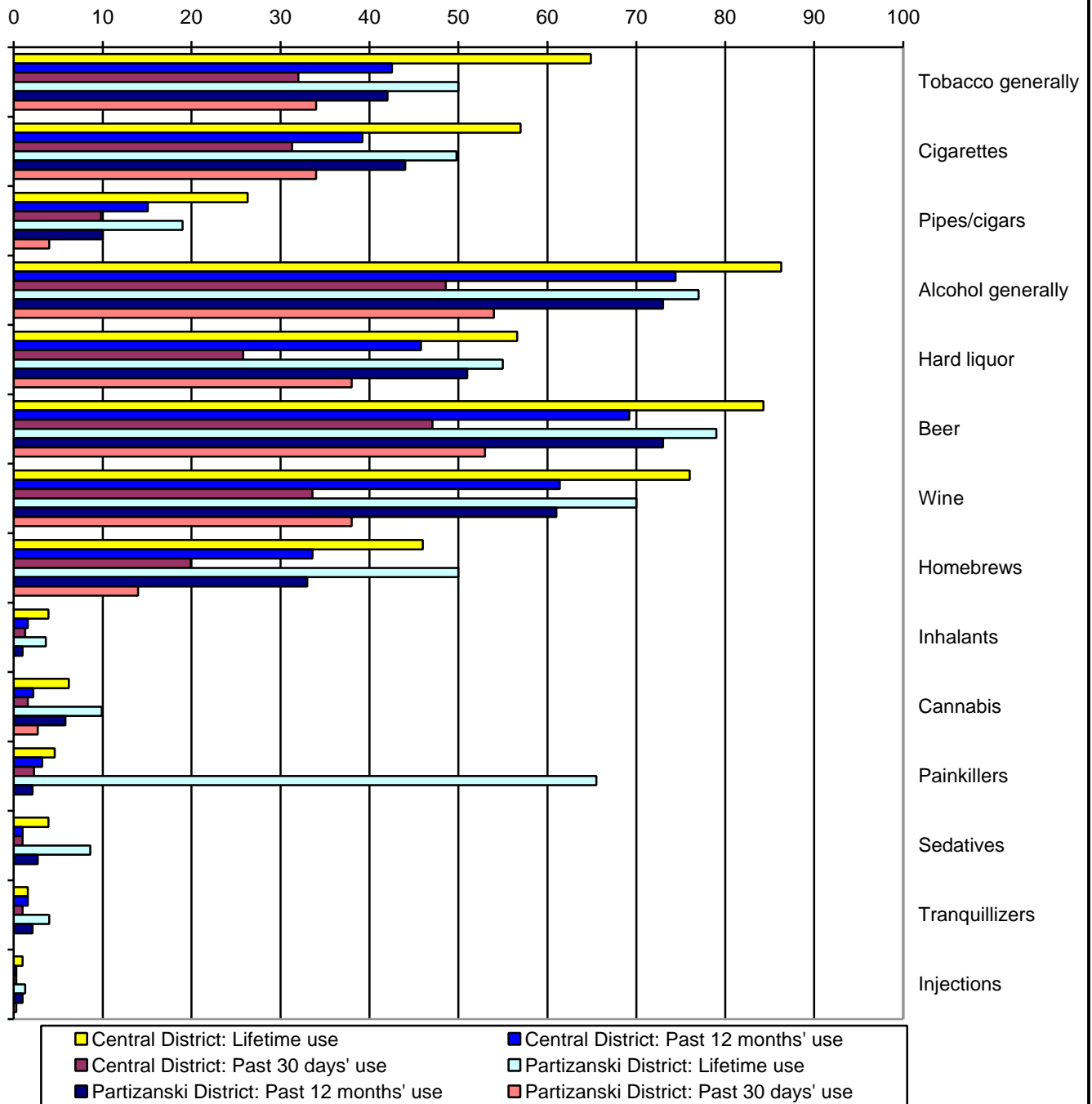


Table 4 differentiates between male and female respondents who admitted substance use. In Partizanski District, and with regard to the substances that were most commonly used on a past 12 months' or lifetime basis, males predominated among tobacco and cannabis users, but gender difference was small among alcohol users. In Central District gender difference was small among lifetime tobacco users. Males predominated among users of cannabis in Central District (about five times more males than females admitted lifetime use of cannabis). Females rather than males admitted lifetime/past 12 months' use of alcohol in Central District.

**Table 4: Gender differentiation among lifetime and past 12 months' users of the most commonly used substances in the Youth KAP Survey**

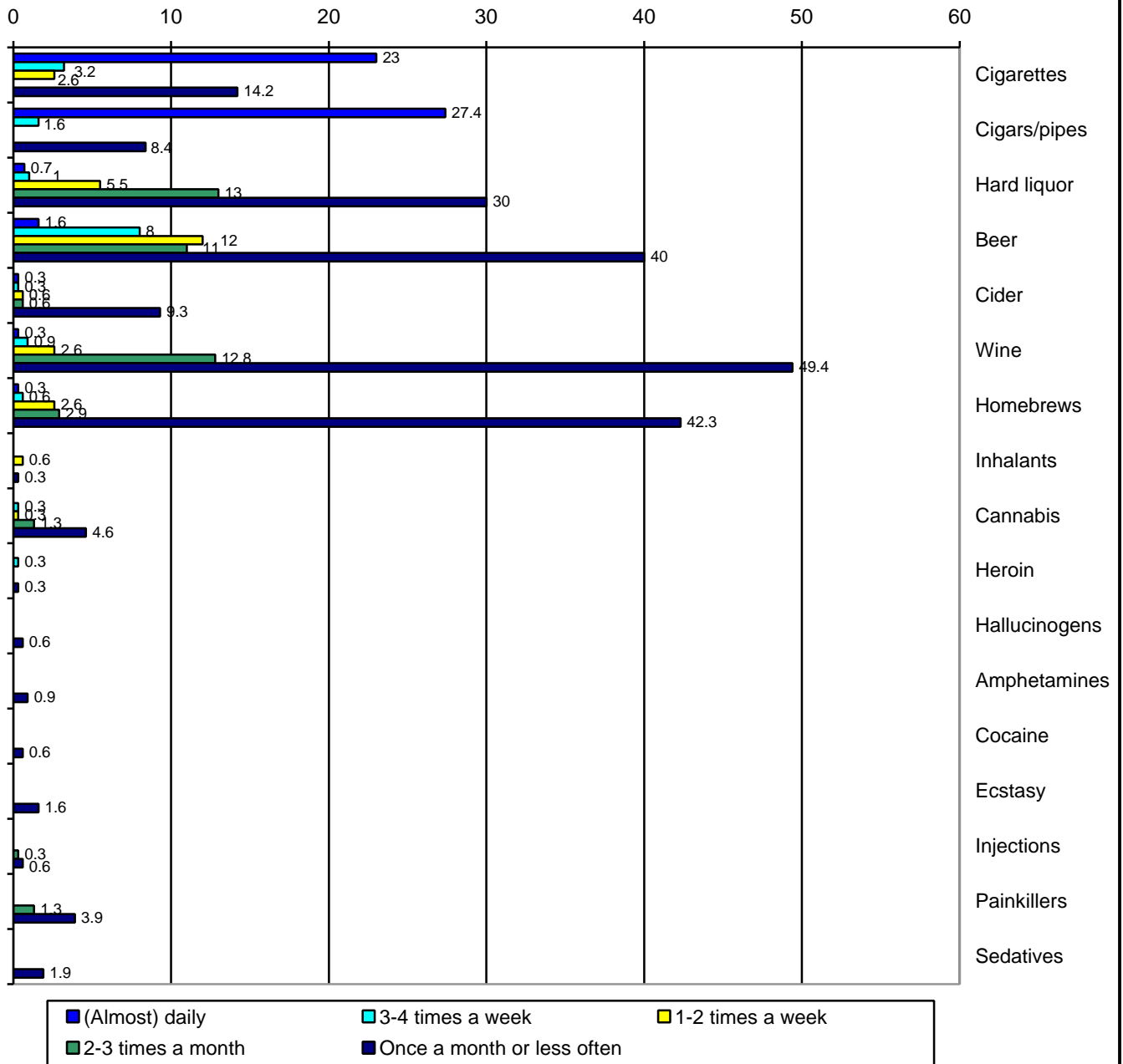
| Substance              | Central District |             | Partizanski District |             |
|------------------------|------------------|-------------|----------------------|-------------|
|                        | Males %          | Females (%) | Males %              | Females (%) |
| <b>Tobacco</b>         |                  |             |                      |             |
| 1. Lifetime.....       | 47.0.....        | 53.0.....   | 61.8.....            | 38.1.....   |
| 2. Past 12 months..... | 54.2.....        | 45.8.....   | 55.7.....            | 44.3.....   |
| <b>Alcohol</b>         |                  |             |                      |             |
| 1. Lifetime.....       | 38.9.....        | 61.1.....   | 51.3.....            | 48.7.....   |
| 2. Past 12 months..... | 39.7.....        | 60.4.....   | 52.1.....            | 47.9.....   |
| <b>Cannabis</b>        |                  |             |                      |             |
| 1. Lifetime.....       | 84.2.....        | 15.8.....   | 60.0.....            | 40.0.....   |
| 2. Past 12 months..... | 71.4.....        | 28.6.....   | 58.8.....            | 41.8.....   |

It is also important to note that whereas the average age of lifetime users of particular substances varied between 16.5 years and 18.8 years in Partizanski District, in Central District the corresponding ages were somewhat lower, i.e. 15.7 years and 16.3 years. The average ages of respondents who admitted lifetime use of respectively tobacco, alcohol and cannabis were 17.1, 16.5 and 18.8 in Partizanski District, and 15.9, 15.7 and 16.3 in Central District.

*(b) Regular/heavy substance use, alcohol dependence and problems related to substance use*

Figures 7 and 8 present the responses in the youth KAP survey on the frequency with which respondents used substances in the 12 months before the survey. In general, youngsters in Partizanski District rather than in Central District admitted regular substance use, i.e. usage on at least a weekly basis. For example, in Partizanski 28.8% reported regular use of cigarettes, 29.0% regular use of cigars/pipes and 21.6% regular use of beer; in Central District the corresponding percentages were 23.1%, 7.5% and 19.8%. Less than 1.0% of the respondents admitted regular use of illicit substances, and only did so with regard to cannabis and heroin.

**Figure 7: Frequency of substance use in the 12 months before the Youth KAP Survey in Partizanski District (N=309)-percentages**



**Figure 8: Frequency of substance use in the 12 months before the Youth KAP Survey in Central District (N=307)-percentages**

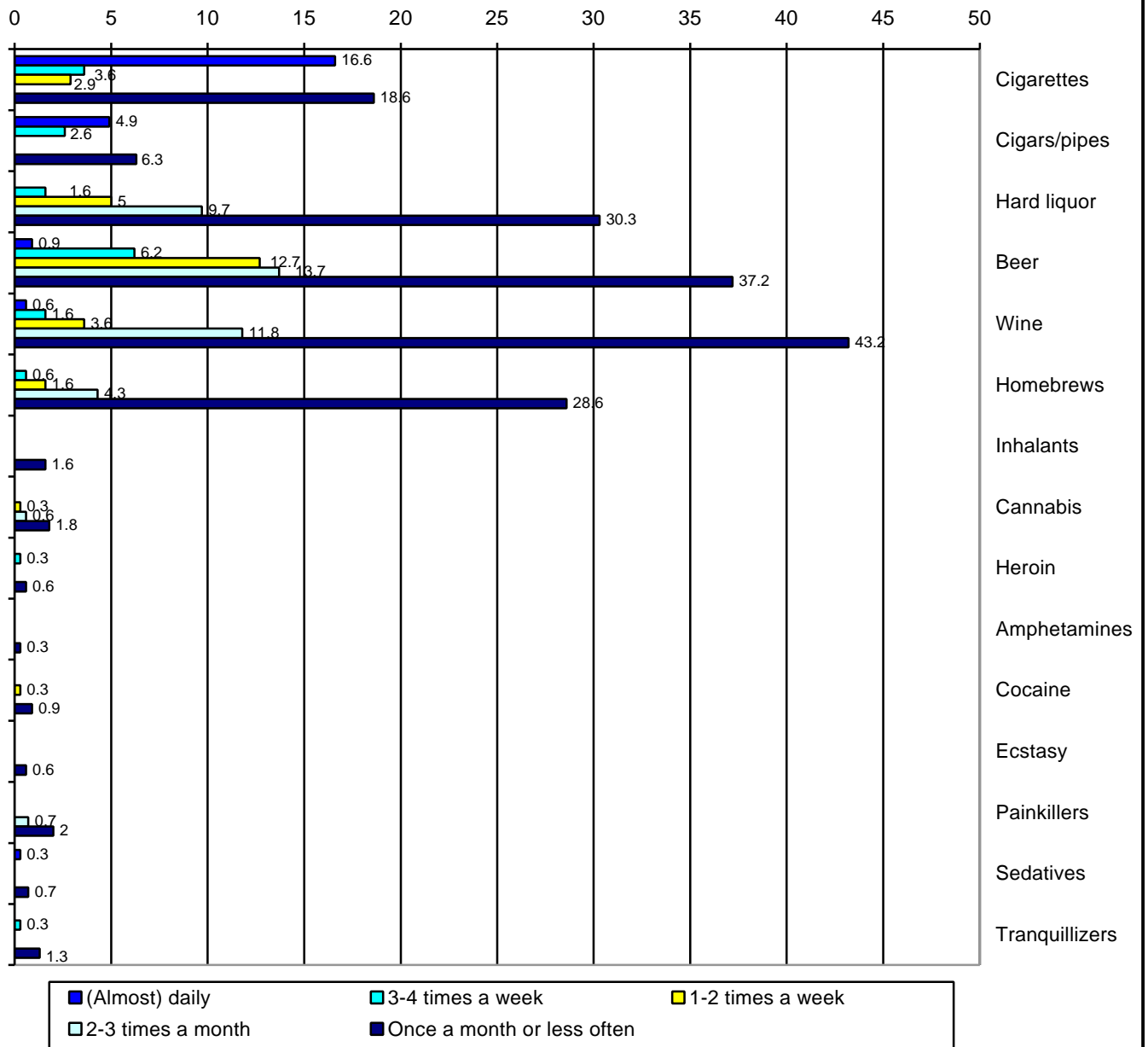


Table 5 suggests that older (15-21 years) rather than younger respondents, and males rather than females generally used alcohol/tobacco products daily or almost daily. Among the very young (10-14 years) in Central District females rather than males reported daily use of tobacco.

**Table 5: Frequent use ((almost) daily) of tobacco and/or alcohol by age and gender**

| Age and<br>type of substance | (Almost) daily use among past 12 months' users |         |                  |         |                      |         |                  |         |
|------------------------------|--|---------|------------------|---------|----------------------|---------|------------------|---------|
|                              | Males  |         |                  |         | Females              |         |                  |         |
|                              | Partizanski District                           |         | Central District |         | Partizanski District |         | Central District |         |
|                              | %  | Total N | %                | Total N | %                    | Total N | %                | Total N |
| <b>10-14 years</b>           |  |         |                  |         |                      |         |                  |         |
| Tobacco                      | 12.5   | 160     | 11.8             | 17      | 4                    | 46.2    | 13               |         |
| Alcohol                      | -  | 34      | -                | 24      | 21                   | 2.6     | 38               |         |
| Tobacco and alcohol          | -  | 13      | -                | 14      | 4                    | 9.1     | 11               |         |
| <b>15-21 years</b>           |  |         |                  |         |                      |         |                  |         |
| Tobacco                      | 82.7   | 52      | 63.8             | 47      | 50.0                 | 50      | 34.2             | 41      |
| Alcohol                      | 3.9  | 77      | 1.5              | 66      | 2.5                  | 81      | -                | 99      |
| Tobacco and alcohol          | 4  | 50      | 2.2              | 45      | -                    | 43      | -                | 41      |

Heavy use of cigarettes and alcohol was also reported in the youth KAP survey. For example, in Partizanski District 11.0% and in Central District 14.3% of the respondents admitted smoking at least five cigarettes a day; with regard to taking five or more drinks in a row in the two weeks before the survey, the corresponding percentages were 32.0% and 30.5%.

Table 6 highlights reported experiences of alcohol dependence and problems related to substance use. Between 6.0% and 21.0% of the respondents in Partizanski District, and between 4.4% and 12.6% in Central District admitted experiencing symptoms of alcohol dependence in the 12 months before the survey. Injury, violence and poor work/school performance were more commonly reported in Partizanski District (between 1.6% and 14.0%) than in Central District (between 0.7% and 8.2%).

**Table 6: Alcohol dependence and consequences of substance use in the 12 months before the Youth KAP Survey**

| Variables   | Central District (%) | Partizanski District (%) |
|---|----------------------|--------------------------|
| <b>Alcohol dependence</b>   |                      |                          |
| 1. Inability to stop after the first drink .....                  | 4.4 .....            | 6.0                      |
| 2. Neglect of responsibilities due to drinking .....              | 4.5 .....            | 10.0                     |
| 3. Early morning drinking.....                                    | 5.2 .....            | 10.0                     |
| 4. Feelings of remorse/guilt after a drinking session .....       | 12.6 .....           | 21.0                     |
| 5. Memory lapse after/during a drinking session.....              | 9.0 .....            | 16.0                     |
| <b>Substance-related consequences</b>                             |                      |                          |
| 1. Someone injured because of respondent's drinking .....         | 8.2 .....            | 14.0                     |
| 2. Someone expressed concern about respondent's drinking .....    | 7.4 .....            | 10.0                     |
| 3. Driving under the influence of a substance.....                | 1.0 .....            | 1.6                      |
| 4. Poor performance at work/school because of substance use ..... | 7.4 .....            | 10.9                     |
| 5. Substance-related disorderly behaviour.....                    | 2.0 .....            | 2.6                      |
| 6. Substance-related fights/arguments .....                       | 3.9 .....            | 8.8                      |
| 7. Operation of a machine under the influence of a substance..... | 0.7 .....            | 4.2                      |
| <b>Total N</b> .....  | <b>307</b> .....     | <b>309</b>               |

(c) *Context of substance use, onset age and reasons for first use*

Table 7 presents the responses in the youth KAP survey regarding the context within which first use and past 12 months' use took place, including the reasons for first use. Figures 9 and 10 respectively show the extent to which significant others in the lives of the youth used substances and the extent to which the respondents admitted knowing someone who used psychoactive substances.

### **Age of first use of substances**

First use of cigarettes and hard liquor was generally earlier in Central District than in Partizanski District. In contrast, first use of beer and wine was earlier in Partizanski District than in Central District. For example, in Central District the median age of onset was 13.2 years for beer, 13.6 years for homebrews, 13.7 years for cigarettes, 14 years for hard liquor and 14.2 years for wine. In Partizanski District the median onset age for beer was 12.9 years, for wine 13.7 years, for homebrews 15 years, and for cigarettes and hard liquor 15.1 years. First use of the most commonly used illicit substance, cannabis, generally occurred at the beginning of mid-adolescence (approximately 15 years) in Central District, and later in mid-adolescence (approximately 17 years) in Partizanski District. The median age of onset for the use of cannabis among respondents in the youth KAP survey was 14.8 years in Central District and 17.6 years in Partizanski District.

**Table 7: Context of first/past 12 months' use of selected substances and reasons for first use in the Youth KAP Survey (Partizanski District (N=309), Central District (N=307)), an ellipsis indicating that data are unavailable**

| Context/reasons                       | Cigarettes (%) | Cigars/pipes (%) | Hard liquor (%) | Beer (%) | Wine (%) | Homebrews (%)     |
|---------------------------------------|----------------|------------------|-----------------|----------|----------|-------------------|
| <b>Partizanski</b>                    |                |                  |                 |          |          |                   |
| <b>Age at 1<sup>st</sup> use</b>      |                |                  |                 |          |          |                   |
| ≤10-12 years                          |                |                  | 13.0            | 41.5     | 28.0     | 12.3              |
| 13-14 years                           | 20.7           | 8.1              | 13.0            | 18.3     | 21.8     | 12.4              |
| 15-16 years                           | 13.3           | 10.4             | 18.0            | 12.7     | 16.2     | 14.7              |
| 17-18 years                           | 9.1            |                  | 8.0             | 5.5      | 5.6      | 8.1               |
| ≥19 years                             |                |                  | 2.0             | 1.9      | 0.3      | 2.2               |
| <b>Central District</b>               |                |                  |                 |          |          |                   |
| <b>Age at 1<sup>st</sup> use</b>      |                |                  |                 |          |          |                   |
| ≤10-12 years                          | 21.5           | -                | 13.3            | 40.5     | 17.8     | 12.7              |
| 13-14 years                           | 20.9           | 12.7             | 21.0            | 27.9     | 33.8     | 18.1              |
| 15-16 years                           | 12.7           | 8.5              | 17.3            | 12.6     | 16.9     | 9.4               |
| 17-18 years                           | 2.0            | -                | 5.3             | 2.9      | 4.6      | 2.3               |
| ≥19 years                             | -              | -                | 1.0             | 1.3      | 0.6      | 1.3               |
| <b>Partizanski</b>                    |                |                  |                 |          |          |                   |
| <b>Reasons for 1<sup>st</sup> use</b> |                |                  |                 |          |          |                   |
| Curiosity                             | 40.1           |                  |                 |          |          | 32.3 <sup>x</sup> |
| Enjoyment                             | 6.8            |                  |                 |          |          | 16.9 <sup>x</sup> |
| “Communication”                       | 3.6            |                  |                 |          |          | 10.0 <sup>x</sup> |
| Religious ritual                      |                |                  |                 |          |          | 3.2 <sup>x</sup>  |
| Don't know                            |                |                  |                 |          |          | 40.0 <sup>x</sup> |
| <b>Central District</b>               |                |                  |                 |          |          |                   |
| <b>Reasons for 1<sup>st</sup> use</b> |                |                  |                 |          |          |                   |
| Curiosity                             | 51.8           |                  | 27.7            | 33.2     | -        | 21.5              |
| Enjoyment                             | 9.1            |                  | 10.8            | 21.2     | -        | 13.4              |
| Sociability                           | -              |                  | 6.5             | 6.5      | -        | 6.5               |
| Health                                | -              |                  | -               | -        | -        | -                 |
| Stress relief                         | 9.1            |                  | -               | -        | -        | -                 |
| Religious ritual                      | -              |                  | -               | -        | 3.3      | -                 |
| Don't know                            | -              |                  | 5.9             | 18.2     | 21.2     | 12.4              |

| Context/reasons                             | Cigarettes (%) | Cigars/pipes (%) | Hard liquor (%) | Beer (%) | Wine (%) | Homebrews (%)     |
|---|----------------|------------------|-----------------|----------|----------|-------------------|
| <b>Partizanski</b>                          |                |                  |                 |          |          |                   |
| <b>Provider of 1<sup>st</sup> substance</b> |                |                  |                 |          |          |                   |
| Friend.....                                 | 47.3           | 19.1             |                 |          |          | 32.7 <sup>x</sup> |
| Family.....                                 |                |                  |                 |          |          | 21.0 <sup>x</sup> |
| Dealer .....                                |                |                  |                 |          |          | <sup>x</sup>      |
| Unspecified.....                            |                |                  |                 |          |          | 21.4 <sup>x</sup> |
| <b>Central District</b>                     |                |                  |                 |          |          |                   |
| <b>Provider of 1<sup>st</sup> substance</b> |                |                  |                 |          |          |                   |
| Friend.....                                 | 48.5           | 25.7             | 24.4            | 32.6     | 26.1     | 11.4              |
| Family.....                                 |                |                  | 2.9             | 10.8     | 17.3     | 9.8               |
| Acquaintance .....                          |                |                  |                 |          |          |                   |
| Don't know .....                            |                |                  | 17.9            | 18.9     | 27.4     | 9.8               |
| <b>Partizanski</b>                          |                |                  |                 |          |          |                   |
| <b>Place of 1<sup>st</sup> use</b>          |                |                  |                 |          |          |                   |
| Friend's home .....                         | 16.8           | 7.4              |                 |          |          | 5.3 <sup>x</sup>  |
| Family home .....                           |                |                  |                 |          |          | 54.0 <sup>x</sup> |
| Public place .....                          |                |                  |                 |          |          | 13.2 <sup>x</sup> |
| Open/street/bush/bridge.....                | 32.0           | 8.7              |                 |          |          | 10.5 <sup>x</sup> |
| <b>Central District</b>                     |                |                  |                 |          |          |                   |
| <b>Place of 1<sup>st</sup> use</b>          |                |                  |                 |          |          |                   |
| Friend's home .....                         | 24.1           | 7.8              |                 |          |          | 12.4 <sup>x</sup> |
| Family home .....                           |                |                  |                 |          |          | 51.8 <sup>x</sup> |
| Public place .....                          | -              |                  |                 |          |          | 4.2 <sup>x</sup>  |
| School/work place .....                     | 5.9            | 3.9              |                 |          |          | - <sup>x</sup>    |
| Open/bush/bridge .....                      | 32.6           | 13.4             |                 |          |          | 10.1 <sup>x</sup> |
| <b>Partizanski</b>                          |                |                  |                 |          |          |                   |
| <b>Past 12 months: Place of use</b>         |                |                  |                 |          |          |                   |
| Friend's home .....                         |                | 5.8              | 10.0            | 9.3      | 9.2      | 10.5              |
| Family home .....                           |                |                  | 16.0            | 24.5     | 35.5     | 21.7              |
| Public place .....                          | 5.5            | 2.9              | 9.0             | 10.6     | 5.5      | 0.9               |
| School/work.....                            |                |                  | -               | 1.0      | 0.6      | 0.3               |
| Open/bush/bridge .....                      | 8.7            |                  | 1.0             | 7.6      | 1.9      | 1.9               |
| "Everywhere" .....                          | 26.5           |                  | 1.0             | 0.6      | 0.6      | 0.6               |

| Context/reasons                     | Cigarettes (%) | Cigars/pipes (%) | Hard liquor (%) | Beer (%) | Wine (%) | Homebrews (%) |
|-------------------------------------|----------------|------------------|-----------------|----------|----------|---------------|
| <b>Central District</b>             |                |                  |                 |          |          |               |
| <b>Past 12 months: Place of use</b> |                |                  |                 |          |          |               |
| Fiend's home .....                  | 3.9            | -                | 10.4            | 13.5     | 15.0     | 18.2          |
| Family home .....                   | -              | -                | 1.7             | 38.9     | 33.0     | 7.6           |
| Public place .....                  | 4.2            | 2.6              | 6.3             | 9.9      | 3.9      | 0.1           |
| School/work .....                   | -              | -                | 0.6             | 0.6      | 0.9      | 0.3           |
| Open/bush/bridge .....              | 12.1           | 5.2              | 3.3             | 13.5     | 4.2      | 2.6           |
| "Everywhere" .....                  | 18.9           | 5.5              | -               | -        | -        | -             |
| Other .....                         | -              | -                | 1.3             | 1.3      | 1.3      | 5.4           |
| <b>Partizanski</b>                  |                |                  |                 |          |          |               |
| <b>Past 12 months: Company</b>      |                |                  |                 |          |          |               |
| Friends .....                       | 35.0           | 7.4              | 35.9            | 40.1     |          | 14.6          |
| Acquaintances .....                 |                |                  |                 |          | 22.7     |               |
| Family .....                        |                |                  |                 | 14.6     | 28.8     | 13.6          |
| Alone .....                         |                |                  |                 |          |          |               |
| <b>Central District</b>             |                |                  |                 |          |          |               |
| <b>Past 12 months: Company</b>      |                |                  |                 |          |          |               |
| Friends .....                       | 30.6           | 12.4             | 36.8            | 38.1     | 23.1     | 11.1          |
| Acquaintances .....                 | 8.5            | 2.6              |                 |          |          |               |
| Family .....                        | -              | -                | 6.8             | 11.1     | 10.4     | 10.4          |
| Alone .....                         | -              | -                |                 | 13.7     |          |               |

(Table 7 continued)

| Context/reasons                  | Cannabis (%) | Heroin (%) | Cocaine (%) | Hallucinogens (%) | Amphetamines (%) | Ecstasy (%) | Inhalants (%) |
|----------------------------------|--------------|------------|-------------|-------------------|------------------|-------------|---------------|
| <b>Partizanski</b>               |              |            |             |                   |                  |             |               |
| <b>Age at 1<sup>st</sup> use</b> |              |            |             |                   |                  |             |               |
| ≤10-12 years .....               | -            | -          | -           | -                 | -                | -           | -             |
| 13-14 years .....                | 2.3          | -          | 0.7         | 0.7               | -                | -           | -             |
| 15-16 years .....                | 1.6          | -          |             | 1.6               | 1.0              | 1.9         | 2.3           |
| 17-18 years .....                | 4.9          | -          |             | 0.7               | 1.0              | 1.0         |               |
| ≥19 years .....                  | 1.9          | 1.0        |             | 0.3               | -                | -           |               |

| Context/reasons                             | Cannabis (%) | Heroin (%) | Cocaine (%) | Hallucinogens (%) | Amphetamines (%) | Ecstasy (%) | Inhalants (%) |
|---|--------------|------------|-------------|-------------------|------------------|-------------|---------------|
| <b>Central District</b>                     |              |            |             |                   |                  |             |               |
| <b>Age at 1<sup>st</sup> use</b>            |              |            |             |                   |                  |             |               |
| ≤10-12 years                                | 1.3          | -          | -           | -                 | -                | 0.3         | 1.4           |
| 13-14 years                                 | 2.0          | -          | -           | -                 | -                | -           | 0.3           |
| 15-16 years                                 | 1.0          | 0.3        | 0.3         | 0.3               | 0.3              | -           | 1.0           |
| 17-18 years                                 | 1.0          | 0.3        | 0.7         | 0.3               | 0.7              | 0.7         | 0.7           |
| ≥19 years                                   | 1.0          | -          | -           | -                 | -                | -           | -             |
| <b>Partizanski</b>                          |              |            |             |                   |                  |             |               |
| <b>Reasons for 1<sup>st</sup> use</b>       |              |            |             |                   |                  |             |               |
| Curiosity                                   |              |            |             | 7.8 <sup>xx</sup> |                  |             | 2.3           |
| Enjoyment                                   |              |            |             | 1.9 <sup>xx</sup> |                  |             |               |
| “Communication”                             |              |            |             | - <sup>xx</sup>   |                  |             |               |
| Religious ritual                            |              |            |             | - <sup>xx</sup>   |                  |             |               |
| Don’t know                                  |              |            |             | - <sup>xx</sup>   |                  |             |               |
| <b>Central District</b>                     |              |            |             |                   |                  |             |               |
| <b>Reasons for 1<sup>st</sup> use</b>       |              |            |             |                   |                  |             |               |
| Curiosity                                   |              |            |             | 3.3 <sup>xx</sup> |                  |             | 1.6           |
| Enjoyment                                   |              |            |             | 2.0 <sup>xx</sup> |                  |             | 1.0           |
| Sociability                                 |              |            |             | - <sup>xx</sup>   |                  |             | -             |
| Health                                      |              |            |             | - <sup>xx</sup>   |                  |             | -             |
| Stress relief                               |              |            |             | - <sup>xx</sup>   |                  |             | -             |
| Religious ritual                            |              |            |             | - <sup>xx</sup>   |                  |             | -             |
| Don’t know                                  |              |            |             | 1.3 <sup>xx</sup> |                  |             | -             |
| <b>Partizanski</b>                          |              |            |             |                   |                  |             |               |
| <b>Provider of 1<sup>st</sup> substance</b> |              |            |             |                   |                  |             |               |
| Friend                                      |              |            |             | 8.7 <sup>xx</sup> |                  |             | 2.6           |
| Family                                      |              |            |             | <sup>xx</sup>     |                  |             |               |
| Dealer                                      |              |            |             | 1.0 <sup>xx</sup> |                  |             |               |
| Unspecified                                 |              |            |             | <sup>xx</sup>     |                  |             |               |

| Context/reasons                             | Cannabis (%) | Heroin (%) | Cocaine (%) | Hallucinogens (%) | Amphetamines (%) | Ecstasy (%) | Inhalants (%) |
|---|--------------|------------|-------------|-------------------|------------------|-------------|---------------|
| <b>Central District</b>                     |              |            |             |                   |                  |             |               |
| <b>Provider of 1<sup>st</sup> substance</b> |              |            |             |                   |                  |             |               |
| Friend.....                                 |              |            |             | 2.9 <sup>xx</sup> |                  |             | 3.3           |
| Family.....                                 |              |            |             |                   |                  |             |               |
| Acquaintance.....                           |              |            |             | 1.0 <sup>xx</sup> |                  |             |               |
| Don't know.....                             |              |            |             | 2.3 <sup>xx</sup> |                  |             |               |
| <b>Partizanski</b>                          |              |            |             |                   |                  |             |               |
| <b>Place of 1<sup>st</sup> use</b>          |              |            |             |                   |                  |             |               |
| Friend's home.....                          |              |            |             |                   |                  |             |               |
| Family home.....                            |              |            |             |                   |                  |             |               |
| Public place.....                           |              |            |             |                   |                  |             |               |
| Open/street/bush/bridge.....                |              |            |             |                   |                  |             |               |
| <b>Central District</b>                     |              |            |             |                   |                  |             |               |
| <b>Place of 1<sup>st</sup> use</b>          |              |            |             |                   |                  |             |               |
| Friend's home.....                          |              |            |             |                   |                  |             |               |
| Family home.....                            |              |            |             |                   |                  |             |               |
| Public place.....                           |              |            |             |                   |                  |             |               |
| School/work place.....                      |              |            |             |                   |                  |             |               |
| Open/bush/bridge.....                       |              |            |             |                   |                  |             |               |
| <b>Partizanski</b>                          |              |            |             |                   |                  |             |               |
| <b>Past 12 months: Place of use</b>         |              |            |             |                   |                  |             |               |
| Friend's home.....                          |              |            |             | 2.6 <sup>xx</sup> |                  |             |               |
| Family home.....                            |              |            |             |                   |                  |             |               |
| Public place.....                           |              |            |             | 2.3 <sup>xx</sup> |                  |             |               |
| School/work.....                            |              |            |             |                   |                  |             | 0.7           |
| Open/bush/bridge.....                       |              |            |             |                   |                  |             |               |
| "Everywhere".....                           |              |            |             |                   |                  |             |               |

| Context/reasons                     | Cannabis (%) | Heroin (%) | Cocaine (%) | Hallucinogens (%) | Amphetamines (%) | Ecstasy (%) | Inhalants (%) |
|-------------------------------------|--------------|------------|-------------|-------------------|------------------|-------------|---------------|
| <b>Central District</b>             |              |            |             |                   |                  |             |               |
| <b>Past 12 months: Place of use</b> |              |            |             |                   |                  |             |               |
| Friend's home .....                 |              |            |             | 0.7 <sup>xx</sup> |                  |             | 1.3           |
| Family home .....                   |              |            |             |                   |                  |             |               |
| Public place .....                  |              |            |             | 0.3 <sup>xx</sup> |                  |             |               |
| School/work.....                    |              |            |             |                   |                  |             |               |
| Open/bush/bridge .....              |              |            |             | 0.3 <sup>xx</sup> |                  |             | 1.0           |
| "Everywhere" .....                  |              |            |             |                   |                  |             |               |
| Other.....                          |              |            |             |                   |                  |             |               |
| <b>Partizanski</b>                  |              |            |             |                   |                  |             |               |
| <b>Past 12 months: Company</b>      |              |            |             |                   |                  |             |               |
| Friends .....                       |              |            |             | 4.9 <sup>xx</sup> |                  |             | 0.7           |
| Acquaintances.....                  |              |            |             | -                 |                  |             |               |
| Family.....                         |              |            |             | -                 |                  |             |               |
| Alone .....                         |              |            |             | 0.7 <sup>xx</sup> |                  |             |               |
| <b>Central District</b>             |              |            |             |                   |                  |             |               |
| <b>Past 12 months: Company</b>      |              |            |             |                   |                  |             |               |
| Friends .....                       |              |            |             | 2.3 <sup>xx</sup> |                  |             |               |
| Acquaintances.....                  |              |            |             |                   |                  |             |               |
| Family.....                         |              |            |             |                   |                  |             |               |
| Alone .....                         |              |            |             |                   |                  |             |               |

<sup>x</sup> Figures apply to alcoholic beverages generally.

<sup>xx</sup> Figures apply to illicit substances generally.

### **Reasons for first use of substances**

In both sites expectations of rewards motivated first use of substances, particularly curiosity and enjoyment. In addition, (a) stress relief played a role in the initiation of cigarette use in Central District; (b) the need to communicate better was one of the reasons for initiating cigarette/alcohol use in Partizanski District; (c) improved social relations/sociability was one of the reasons why youngsters in Central District started to use hard liquor/beer/homebrew; and (d) religious rituals were cited as another reason why youngsters in both sites started to use alcoholic beverages (wine in particular in Central District).

### **Providers of first substances**

The respondents in the youth KAP survey mostly indicated friends as the providers of their first substances (between 2.6% and 47.3% in Partizanski District and between 2.9% and 48.5% in Central District). Family members also featured prominently as the providers of the youngsters' first alcohol (21.0% in Partizanski District reported family members as the providers of their first alcohol, and 17.3% in Central District did so with regard to wine). Furthermore, first use of commonly used substances (e.g. cigarettes and alcoholic beverages) tended to occur under a bridge, bush or in an open space in the case of cigarettes/cigars/pipes and in private homes (the homes of family or friends) in the case of alcoholic beverages. In Partizanski public places of entertainment also featured fairly prominently as the places where first use of alcoholic beverages occurred.

### **Place of use and type of company chosen by past 12 months' users**

Onset patterns of substance use were continued in later use. For example, past 12 months' use of alcoholic beverages typically took place in the privacy of private homes, and to a lesser extent (in the case of hard liquor, beer and wine) in public places of entertainment (especially in Partizanski District). Use of alcohol, cigarettes and cannabis occurred in company rather than in isolation, with friends and to a lesser extent family members (in the case of alcohol use) and acquaintances (in the case of Central District and tobacco products) making up the company.

### **Substance use among significant others**

Figure 9 shows that in both sites close friends and fathers were mostly the significant persons in the youngsters' lives who smoked cigarettes, particularly in Partizanski District. Cigarette use among the mothers and older siblings of the young people was more common in Central District than in Partizanski District. In both sites a variety of significant persons (close friends, fathers/mothers, older siblings) in the youngsters' lives were alcohol users. However, youngsters in Central District rather than in Partizanski District lived with fathers, close friends, and older siblings who got drunk at least once a week. Some

youngsters in Partizanski District admitted having older siblings and particularly close friends who took cannabis and/or amphetamines, and a few young people in Central District reported older siblings who took cocaine and/or heroin. In both sites some young people admitted having friends who used inhalants. In Central District a few youngsters indicated that they had older siblings as well as friends who took tranquilizers.

### **Knowledge/awareness of substance users**

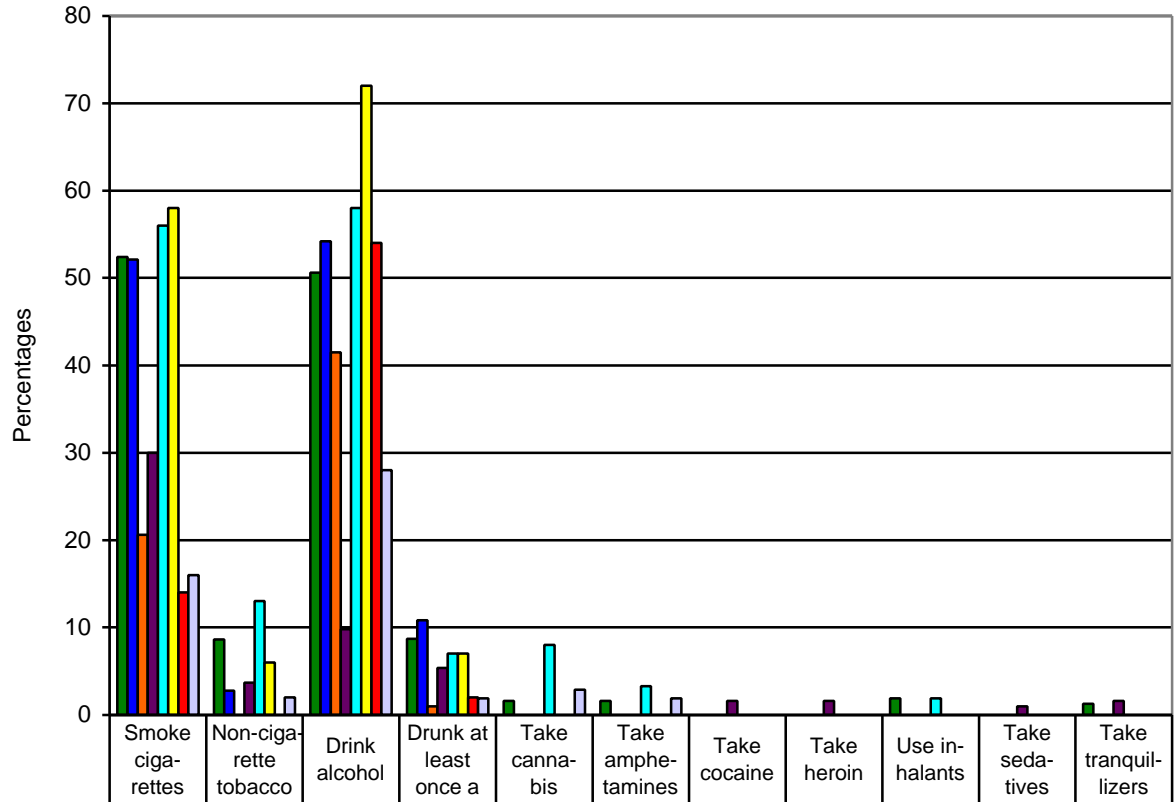
Figure 10 shows that respondents generally knew someone who used licit substances such as tobacco products (excluding to some extent snuff and chew tobacco) and alcohol. Reasonable proportions (between 9.0% and 22.4%) in Partizanski District knew persons who used cannabis and, to a lesser extent, persons who used inhalants, ecstasy, hallucinogens, heroin and cocaine. In Central District somewhat lower proportions (between 7.2% and 20.5%) knew persons who used cannabis and, to a lesser extent, persons who used inhalants, ecstasy, heroin, hallucinogens and cocaine.

*(d) Attitudes/views regarding substance use and knowledge/awareness of the legal status of substances*

### **Approval of substance use**

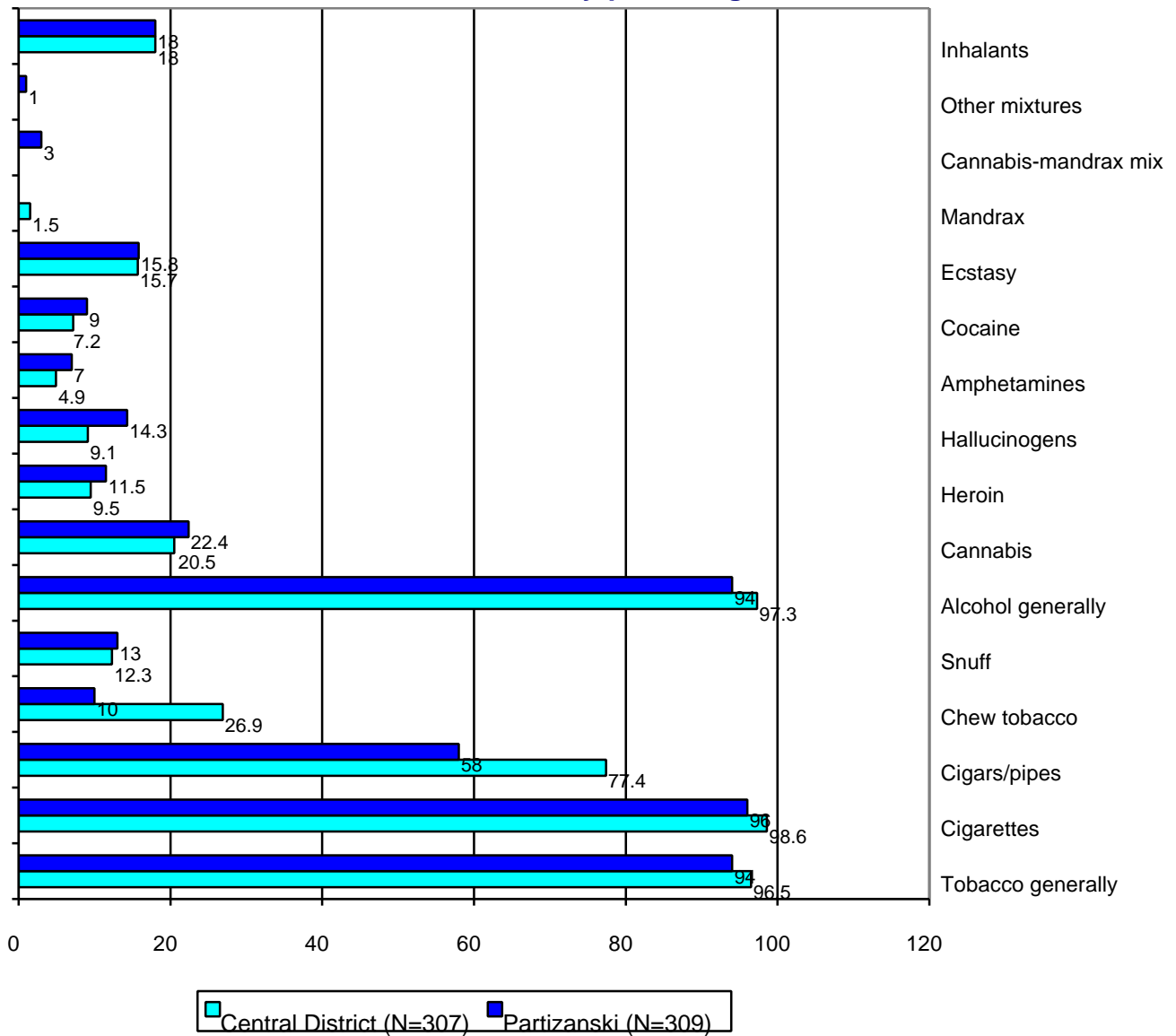
Figure 11 shows that approval of youth substance use was rare, though less so in the case of licit substances. Approval of youth substance use was particularly expressed with regard to regular drinking (young people taking one or two drinks several times a week) and more so in Partizanski District (17.0%) than in Central District (15.7%). Approval of heavy cigarette use was however more common in Central District (8.5%) than in Partizanski District (7.4%). The same applied to heavy weekend drinking—it was approved in Central District (7.4%) rather than in Partizanski District (6.0%). Between 1.0% and 6.4% of the respondents in Partizanski District and between 1.7% and 4.4% in Central District approved youth use of illicit substances. Approval of youth use of cannabis and cocaine was more common in Partizanski District than in Central District.

**Figure 9: Substance use among significant others in the Youth KAP Survey  
(Central District: N=307; Partizanski District: N=309)-percentages**

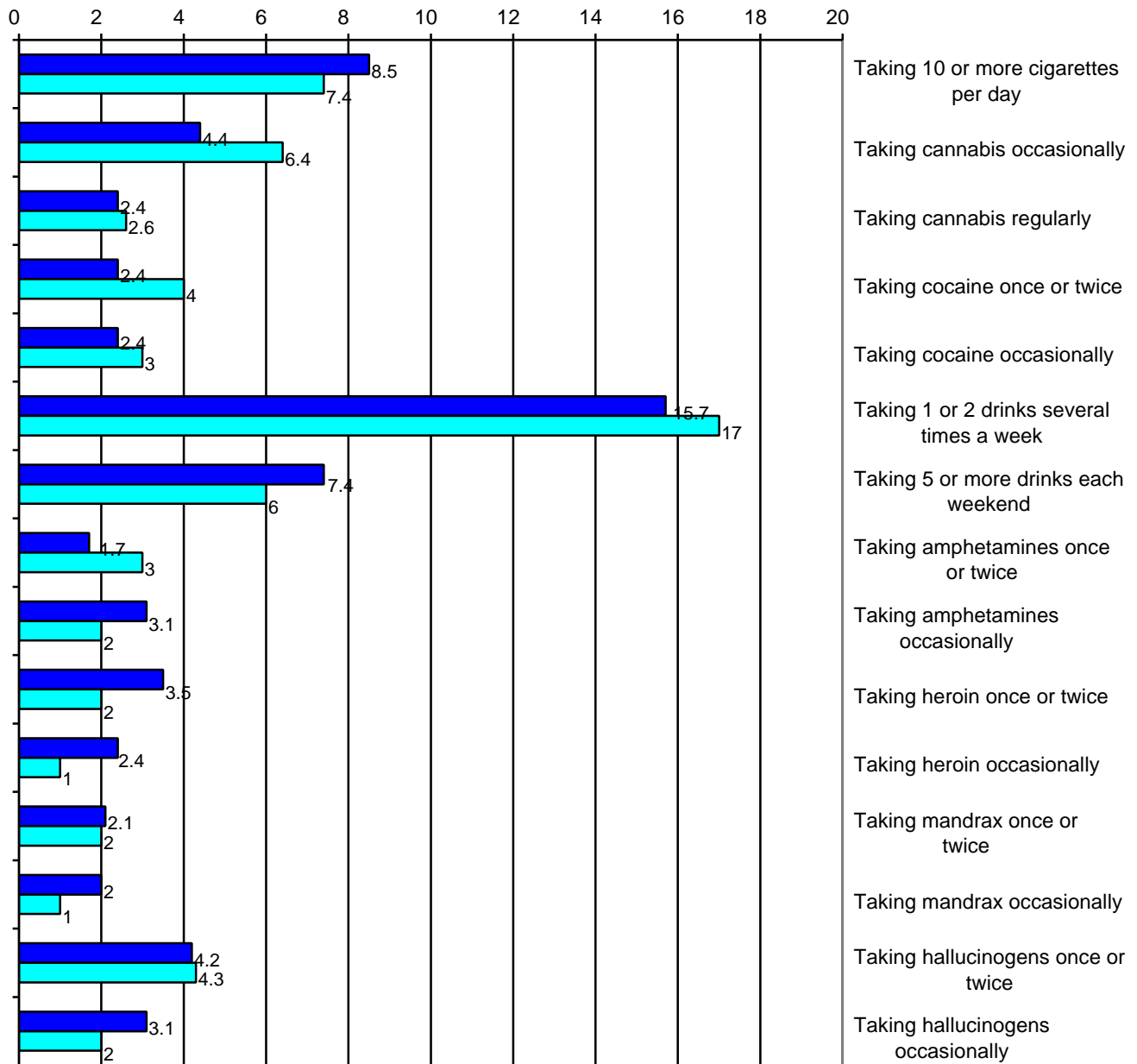


|   | Smoke cigarettes | Non-cigarette tobacco | Drink alcohol | Drunk at least once a | Take cannabis | Take amphetamines | Take cocaine | Take heroin | Use inhalants | Take sedatives | Take tranquilizers |
|---|------------------|-----------------------|---------------|-----------------------|---------------|-------------------|--------------|-------------|---------------|----------------|--------------------|
| Substance use by closest friend: Central District | 52.4             | 8.6                   | 50.6          | 8.7                   | 1.6           | 1.6               | -            | -           | 1.9           | -              | 1.3                |
| Substance use by (step)father: Central District   | 52.1             | 2.8                   | 54.2          | 10.8                  | -             | -                 | -            | -           | -             | -              | -                  |
| Substance use by (step)mother: Central District   | 20.6             | -                     | 41.5          | 1                     | -             | -                 | -            | -           | -             | -              | -                  |
| Substance use by older siblings: Central District | 30               | 3.7                   | 9.8           | 5.4                   | -             | -                 | 1.6          | 1.6         | -             | 1              | 1.6                |
| Substance use by closest friend: Partizanski      | 56               | 13                    | 58            | 7                     | 8             | 3.3               | -            | -           | 1.9           | -              | -                  |
| Substance use by (step)father: Partizanski        | 58               | 6                     | 72            | 7                     | -             | -                 | -            | -           | -             | -              | -                  |
| Substance use by (step)mother: Partizanski        | 14               | -                     | 54            | 2                     | -             | -                 | -            | -           | -             | -              | -                  |
| Substance use by older siblings: Partizanski      | 16               | 2                     | 28            | 1.9                   | 2.9           | 1.9               | -            | -           | -             | -              | -                  |

**Figure 10: Knowledge of someone using substances in the Youth KAP Survey-percentages**



**Figure 11: Approval of youth substance use in the Youth KAP Survey- percentages**



■ Central District (N=307) ■ Partizanski (N=309)

### **View that substance use entails no or a slight risk**

Figure 12 shows that youngsters in Partizanski District (between 4.0% and 48.0%) rather than in Central District (between 2.1% and 36.5%) believed that youth use of psychoactive substances entailed no or a slight risk. Respondents especially indicated regular drinking (one or two drinks several times a week) and heavy smoking of cigarettes (10 cigarettes or more per day) as entailing no or a slight risk.

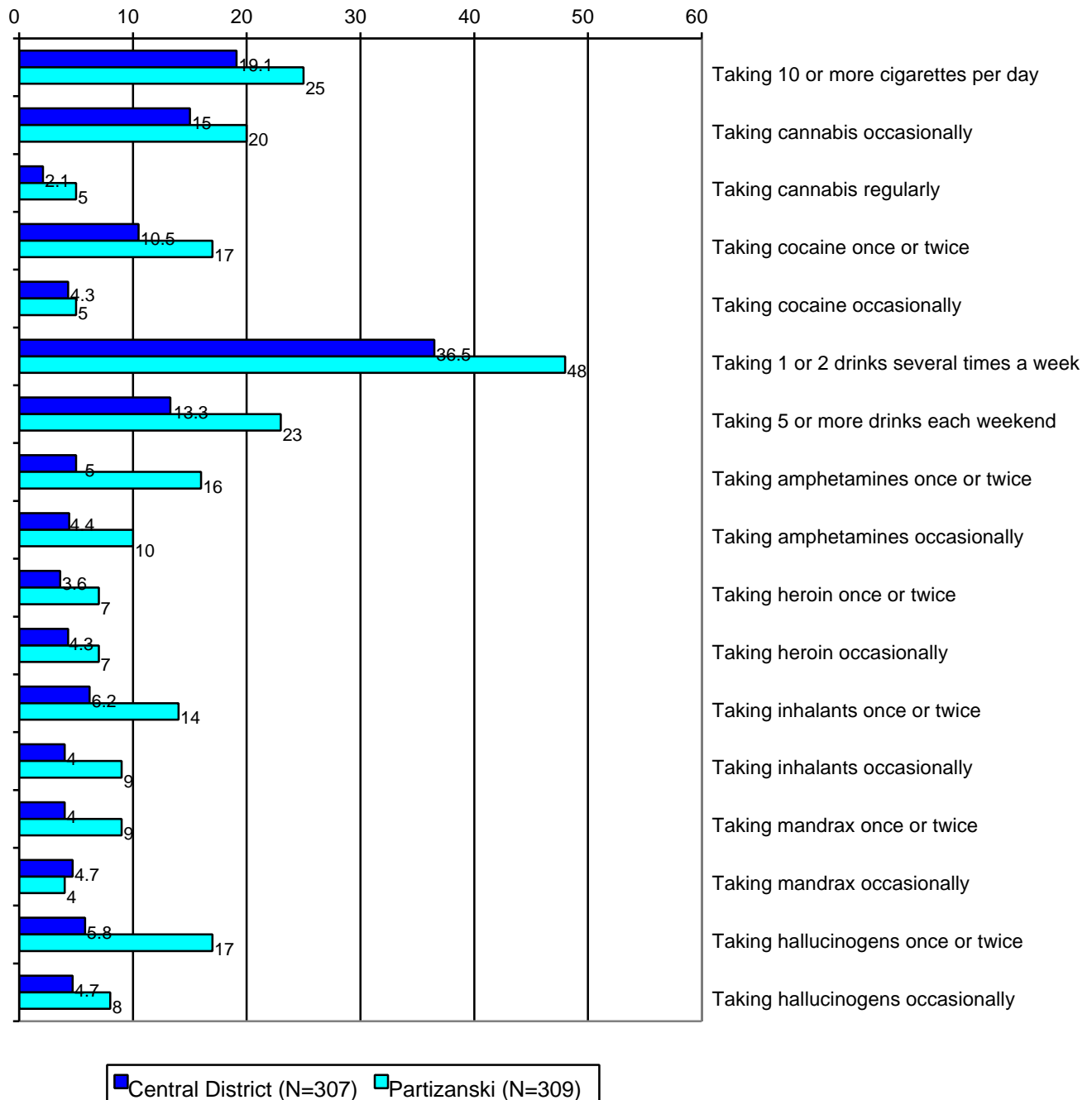
### **View that substances are easy to obtain**

Figure 13 illustrates that youngsters in both sites tended to believe that it was fairly or very easy to obtain licit substances in their communities (between 53.0% and 78.0% in Partizanski District and between 46.1% and 86.3% in Central District). Prescription medicine, cannabis and other illicit substances were less commonly indicated as fairly or very easy to obtain. The youth in Partizanski District rather than in Central District tended to believe that it was fairly/very easy to obtain illicit substances such as cannabis, cocaine, heroin and hallucinogens. Respondents in Partizanski District seemingly regarded mandrax and amphetamines as difficult to obtain.

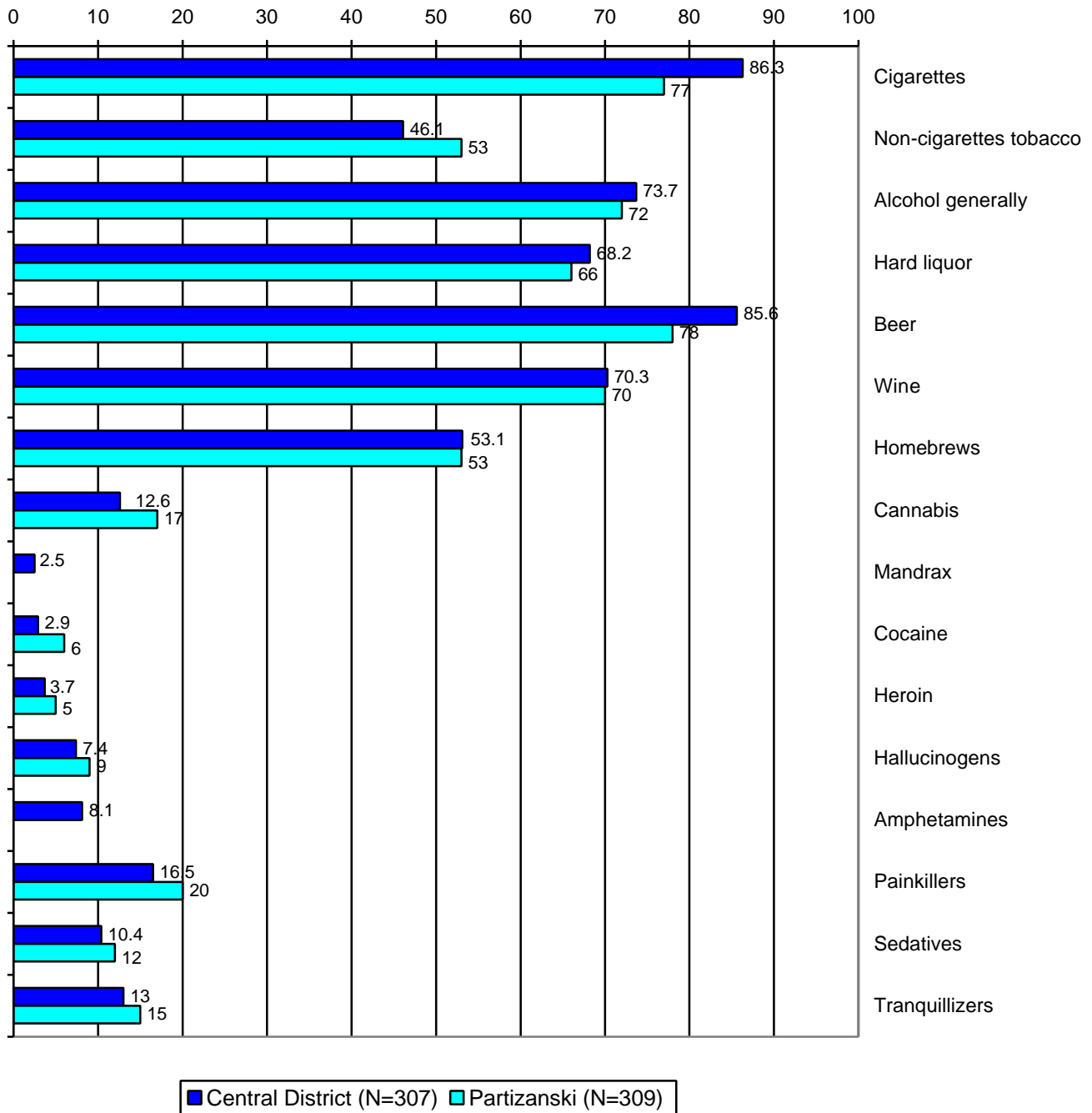
### **Awareness of the legal status of substance use and views on changing this status**

The youth KAP survey revealed that young people were well informed about the legal status of psychoactive substances in their communities. In Partizanski District more than 90.0% of the respondents indicated that the non-medical use of narcotics was illegal, 84.0% did so with regard to sedatives, 78.0% with regard to tranquillizers and 56.0% with regard to painkillers. In Central District more than 92.0% of the respondents regarded the non-medical use of narcotics as illegal, 84% did so with regard to sedatives, 72.2% with regard to tranquillizers, and 63.4% with regard to painkillers. Many respondents favoured the legalization of the use of various illicit substances (especially cannabis) and prescription medicine. For example, in Partizanski District 25.0% of the respondents favoured the legalization of the use of cannabis, 15.0% did so with regard to mandrax, 11.0% with regard to heroin, 21.0% with regard to amphetamines, 13.0% with regard to cocaine, 20.0% with regard to hallucinogens, 23.0% with regard to sedatives, 28.0% with regard to tranquillizers, and 47.0% with regard to painkillers. In Central District 14.2% of the respondents indicated that the use of cannabis should be legalized, 9.9% did so with regard to mandrax, 9.9% with regard to heroin, 13.2% with regard to amphetamines, 9.2% with regard to cocaine, 10.8% with regard to hallucinogens, 16.0% with regard to sedatives, 20.4% with regard to tranquillizers, and 32.2% with regard to painkillers.

**Figure 12: View that substance use is no or a slight risk in the Youth KAP Survey-percentages**



**Figure 13: View that substances are fairly/very easy to obtain in the Youth KAP Survey-percentages**



## **2.3 Community Profile 1: Organizational and cultural context**

Licit and to some extent illicit substances were part of day-to-day life in both sites. Community agencies also pointed out that substance use practices/norms were changing. Substance use was becoming more intense, i.e. the range of substances used and the categories of users were widening. Illicit substance use in Partizanski District was, for example, spreading from the traditional use of opium and cannabis to the use of heroin, ecstasy and lysergic acid diethylamide (LSD). Substance use was also expanding from older to younger persons and from males to females and was becoming common among juvenile offenders. Substance-related crime among young people was a special concern. Community agencies related the changing substance use patterns to the wide-ranging changes that were occurring within the communities and in the wider Belarus Republic. Youth substance use was, for example, seen as an outflow of (a) individual-oriented issues such as curiosity, boredom and various needs such as stress relief; (b) small-group issues such as substance use by significant others (e.g. parents), dysfunctional family set-ups and family breakdown, a lack of participation in constructive spiritual/value development programmes, and participation in dysfunctional youth groups; and (c) broad societal influences such as effective advertising of licit substances in the media, ineffective efforts at countering substance use, a low level of health education, and deteriorating socioeconomic conditions (e.g. declining educational opportunities) (Table 8).

A comprehensive network of institutional structures for preventing psychoactive substance use existed in both sites (Table 9). Specialized services were mainly rendered by government agencies. Service delivery was, however, constrained by (a) limited interagency coordination and interaction, particularly between government and civil society structures; and (b) the tradition of government-led service delivery and, consequently, the general belief in the community that only the government was able to take effective preventive action against problems related to psychoactive substance use.

## **2.4 Community Profile 2: Societal structures and processes**

The birth rate in Partizanski District (8.9 per 1 000 people in 1999 and 8.4 in 2000) was not only lower than that in Central District (11.5 per 1 000 people in 2000) but was also declining. In both sites households tended to be small, i.e. generally comprised three to four people (64.0% of households in Partizanski District and 66.0% in Central District). Prominent illnesses included tuberculosis, HIV/AIDS, substance use-related conditions, traffic-related deaths and injuries, malignant growths and ischaemic heart disease. Although unemployment was low (9.0% in Partizanski District and 1.2% in Central District), many households (29.7% in Partizanski District and 32.1% in Central District) had no stable income. Residents did not have full access to basic amenities. However, at least 70.0% of the households had access to housing, safe water, sanitation, kitchens, and electricity. About 90.0% of eligible persons had access to secondary schooling.

The sites had many trade outlets for tobacco and liquor, i.e. about 3 outlets per 1 000 people in Partizanski District and 2 outlets per 1 000 people in Central District. Organized crime networks facilitated trade in illicit substances (Table 10).

**Table 8: Organized social units' understanding of substance use (data collected through focus groups and key informant interviews)**

| <b>Status, development and consequences of psychoactive substance use</b>  |
|--|
| <u>Types of substances commonly used</u>   |
| <ul style="list-style-type: none"><li>• Partizanski District: licit substances such as alcohol (particularly beer) and cigarettes (cheap imported filtered cigarettes or the cheaper local unfiltered cigarettes); illicit substances such as heroin and lysergic acid diethylamide (LSD)</li><li>• Central District: licit substances such as alcohol (beer, wine, vodka) and cigarettes; illicit substances such as cannabis, injections (opium, heroin), prescription substances (dimedrol, relanium, elenium, tasepam), ecstasy, inhalants</li></ul>   |
| <u>Substance use patterns/trends</u>   |
| <ul style="list-style-type: none"><li>• Substance use was spreading from licit to illicit substances, from older to younger persons and from males to females</li><li>• Illicit substance use particularly occurred among young people</li><li>• In Partizanski District, youngsters generally started a substance use “career” with cigarettes, progressed to inhalants and then alcohol, and then got involved in criminal activities, whereafter they became disinclined to rehabilitate (called “dope fiends” in the country report), apart from characteristically drinking quite heavily</li><li>• Onset occurred early in Partizanski District (at the age of 5 or 6 in the case of youth from disadvantaged families where parents or guardians smoked and/or drank; otherwise substance use started at the age of about 10 years); in Central District, onset of tobacco and alcohol use generally occurred in early adolescence (10-14 years)</li><li>• In Partizanski District illicit substance use changed since the beginning of the 1990s, with the use of substances such as heroin, LSD and ecstasy becoming more popular than the traditional substances such as opium and cannabis, although opium was still the most widely used illicit substance in Partizanski District</li></ul>         |
| <u>Contributors to substance use</u>   |
| <ul style="list-style-type: none"><li>• Established substance trafficking networks that were difficult to eradicate (e.g. among the gipsy population) and that targeted vulnerable groups such as youngsters at schools and gymnasiums</li><li>• Regarding youth substance use: (a) Personal contributors included curiosity, boredom (too much free time), a need for appearing confident/independent/adult/fashionable/well-to-do, a need for stress relief and becoming uninhibited; (b) small group influences such as substance use by significant others (e.g. parents), dysfunctional family set-up, family breakdown, neglect of constructive spiritual value development, general moral decline in society, participation in dysfunctional youth groups and youth subcultures; (c) broader societal influences such as increased and more effective/professional advertising of licit substances specifically on foreign TV/radio channels, liberal state policy on psychoactive substance production, distribution and use, limited and ineffective efforts at countering substance use, e.g. ineffective health warnings on cigarettes and ineffective anti-drug TV programmes, low level of health education, breakdown in the educational system, and limited socioeconomic opportunities</li></ul> |
| <u>Consequences of substance use</u>   |
| <ul style="list-style-type: none"><li>• Increased criminal activity (e.g. to support substance use habits)</li><li>• Breakdown in family life</li><li>• Increase in domestic and industrial injuries</li><li>• Health compromises</li><li>• Decreased labour productivity</li></ul>  |

**Table 9: Community resources for the prevention of substance use-related problems (data collected through a desk review and key informant interviews)**

| Type of units   | Main services  | Primary prevention programmes/projects, objectives, targets, strategies, resources, level of commitment  |
|---|--|--|
| <p><u>Government</u></p> <ul style="list-style-type: none"> <li>• Various government sectors (mostly larger than local/district level) were concerned with psychoactive substance-related prevention/control, e.g. police departments (illicit psychoactive substance trafficking units, customs), public prosecutor’s office, youth affairs sectors, educational structures</li> <li>• On a district level - <ul style="list-style-type: none"> <li>○ in Central District in Gomel, the following structures were responsible for specialized psychoactive substance use prevention: the district Commission on Juvenile Delinquent Inspection; the district office of the Department of Education, the Gomel City Department of Culture and the Department of Youth Affairs and Employment Office; specialized facilities included an in-patient clinic/“dispensary” (190 beds) that also had out-patient facilities and hospital day care facilities (110 beds)</li> <li>○ in Partizanski District in Minsk, the following specialized facilities for substance use-related care existed: an in-patient clinic/“dispensary” (220 beds), four “in-patient” departments (490 beds) in other health care institutions in the district, a number of hospital day care sections in other health care institutions in the city</li> </ul> </li> </ul> <p><u>Non-government</u></p> <ul style="list-style-type: none"> <li>• Few civil society organizations at district level and none specializing in psychoactive substance use prevention</li> <li>• The Belorussia Patriotic Union of Youth – financially supported by the government – indirectly promoted psychoactive substance use prevention on a district level through promoting responsible/patriotic youth citizenship</li> <li>• Several national bodies explicitly attended to psychoactive substance use prevention, e.g. Probuzdenie (psychological help to psychoactive substance dependents and the organization of Alcoholics Anonymous meetings), Zvestanne, Vosshozdenie (“Ascent”)</li> <li>• Mass media agencies</li> <li>• Parent clubs</li> <li>• Religious bodies</li> <li>• With the exception of Spirituality, which educated teenagers about sex and the prevention of addiction, the ±53 civil society</li> </ul> | <p><u>Government</u></p> <ul style="list-style-type: none"> <li>• Supply reduction through safety and security sectors and customs</li> <li>• School-based educational programmes (lectures, visits to people psychoactive substance dependence problems in prison, movies, drama/puppet shows) and counselling services in which various sectors participated, e.g. police, teachers, psychologists, pharmacists/medical doctors (“narcologists”)</li> <li>• Psychoactive substance rehabilitation facilities (police frequently referred persons to treatment) and peer group counselling (e.g. Alcoholics Anonymous groups, recovered psychoactive substance addict groups)</li> <li>• Youth and family development programmes</li> <li>• Medical agencies also provided psychoactive substance use services (e.g. hospital day care) on occasion</li> </ul> <p><u>Non-government</u></p> <ul style="list-style-type: none"> <li>• Preventive education, e.g. through information dissemination and skills development and focusing on general development</li> <li>• Anti-alcohol/tobacco advertisements/talks on local TV and radio channels</li> <li>• TV advertisements of rehabilitation facilities</li> </ul> | <p><u>Overall objectives</u></p> <p>Preventing onset of psychoactive substance use</p> <p><u>Main target group</u></p> <p>Young people, starting from an early age (e.g. 5 or 6 years)</p> <p><u>Main strategies</u></p> <ul style="list-style-type: none"> <li>• Individual-oriented information dissemination, (peer) counseling, youth development (e.g. through directing them towards constructive leisure activities and responsible citizenship)</li> <li>• Psychoactive substance-related prevention projects/programmes</li> <li>• Educational, rehabilitative and supply reduction services provided mainly by state structures</li> <li>• An example of a comprehensive programme was the Vosshozdenie plan, comprising a “complex plan on the primary prevention of venereal diseases and HIV/AIDS”, a “complex municipal plan on the primary prevention of substance abuse”, and the “republican programme on the primary prevention of smoking”</li> </ul> <p><u>Programme/project resources, efficacy and sustainability</u></p> <ul style="list-style-type: none"> <li>• The few psychoactive substance use preventive programmes that existed were funded by the government and/or international agencies, were mainly run at a regional and national level and were generally attending to psychoactive substance use as part of broader/other programmes such as youth development</li> </ul> <p><u>Constraints</u></p> <ul style="list-style-type: none"> <li>• Civil society mobilization still underdeveloped</li> <li>• Limited interest in government and civil society in psychoactive substance use issues</li> </ul> <p><u>Strengths</u></p> <ul style="list-style-type: none"> <li>• Police and educational sectors in government were active in substance use educational programmes</li> </ul> |

| Type of units   | Main services | Primary prevention programmes/projects, objectives, targets, strategies, resources, level of commitment |
|---|---------------|---|
| <p>agencies in Central District in Gomel did not specifically attend to psychoactive substance use</p> <ul style="list-style-type: none"> <li>• In Partizanski District in Minsk ± 15 civil society agencies (e.g. religious bodies - including interchurch agencies - and youth organizations) attended to psychoactive substance use prevention</li> </ul> <p><u>Networks</u></p> <ul style="list-style-type: none"> <li>• A lack of networking between government and civil society agencies on district level because of mistrust and limited information about one another (the country report, for example, referred to the psychoactive substance prevention field as being serviced in a “multi-channelled” manner, with agencies seldom interacting and coordinating their activities)</li> <li>• Networks were developing between government (e.g. Ministry of Education), civil society (e.g. League of Voluntary Labour of Young People) and international agencies (e.g. UNESCO)</li> <li>• Limited civil society mobilization because of the belief that civil society cannot solve problems</li> </ul> |               |   |

**Table 10: Status of trade in psychoactive substances (data collected through a desk review and key informant interviews)**

| Marketing medium  | Content and intensity of marketing  | National, provincial, local government and non-government policy  | Legislative and other regulatory measures  |
|---|---|---|--|
| <p><u>Tobacco/alcohol</u></p> <ul style="list-style-type: none"> <li>• Posters, billboards (advertisements)</li> <li>• Newspapers, magazines issued by private Belorussian and foreign companies (advertisements)</li> <li>• Foreign television channels (advertisements)</li> <li>• Liquor industry sponsorships of various events, e.g. sport, adventure/outdoor activities, music festivals, live shows, raves</li> </ul> <p><u>Psychoactive substances other than alcohol and tobacco</u></p> <p>Illicit substance trafficking through licit and illicit networks (e.g. among gypsy and organized crime/mafia networks)</p> | <ul style="list-style-type: none"> <li>• Tobacco billboards/posters/advertisements highlighted local and foreign brands and were especially common where traffic was dense</li> <li>• Tobacco advertisements on billboards and posters targeted especially male youngsters and associated smoking with healthy living</li> <li>• Tobacco and alcohol advertisements in foreign newspapers did not target particular groups, were not as colourful as those on billboards/posters, and appeared infrequently</li> <li>• Intense alcohol and tobacco advertising in the foreign and local private company magazines was flooding the market</li> <li>• Intense alcohol/tobacco advertising on foreign TV channels, targeting all age groups and socioeconomic categories</li> </ul> | <ul style="list-style-type: none"> <li>• No information in country report, except mention of a comprehensive programme through the Voshozdenie plan, comprising a “complex plan on the primary prevention of venereal diseases and HIV/AIDS”, a “complex municipal plan on the primary prevention of substance abuse”, and the “republican programme on the primary prevention of smoking”</li> </ul> | <ul style="list-style-type: none"> <li>• Advertising of alcohol/tobacco was prohibited (not necessarily adhered to)</li> <li>• An age restriction of 18 years for purchasing alcohol and tobacco</li> <li>• State monopoly on alcohol production and a licence required for distribution of alcohol</li> <li>• Sale of alcoholic beverages was only allowed in public catering establishments and in stores and pavilions of at least 10 square metre in floor space</li> <li>• Prohibition on the private sale of alcohol as well as selling in kiosks, stalls, booths, markets, on sport grounds, at gas stations, public offices, health care institutions, in the vicinity of religious establishments</li> <li>• Relevant laws include: Law on Public Health, Law on Young People, Law on Employment, Order of the Ministry of Internal Affairs of the USSR of 1988, Marriage and Family Code, Administrative Code, Civil Code, Criminal Procedure Code, Law on the Distribution of Alcohol Products, Order of the Ministry of Trade</li> </ul> |

## 2.5 Intervention development

### 2.5.1 Key concerns

The baseline findings suggest the key intervention concerns listed below.

#### **Key concerns: Community Profile 1 (including the adult KAP survey)**

- Adult use of licit substances in Central District and of illicit substances in Partizanski District
- Using alcohol at a variety of social events
- Adult approval of youth substance use in Central District and of the legalization of illicit substances in Partizanski District
- The belief that it is easy to obtain substances
- Spouse use of cigarettes and especially alcohol
- Little interagency activity, especially between government and non-government agencies

#### **Key concerns: Community Profile 2**

- Health burdens such as tuberculosis, HIV/AIDS, substance use-related conditions, traffic-related injuries and deaths, malignant growths, and ischaemic heart disease
- Many households without a stable income and a small support network
- Substance use-related-crime among young people in Partizanski
- High density of liquor and tobacco trade outlets and organized crime networks

#### **Key concerns: Youth KAP survey**

- Substance use among males and 15-21 year olds, as well as licit substance use in Central District and illicit substance use in Partizanski District
- Early first use of substances in Central District
- Pressure from peers and relatives to use substances
- Long-term and frequent use of substances, dependent drinking and problems related to substance use (e.g. injuries, violence, poor work/school performance) among youngsters in Partizanski District

- Approval of substance use, particularly regular drinking in Partizanski District and heavy weekend drinking as well as cigarette use in Central District
- Advocacy of the legalization of illicit substances

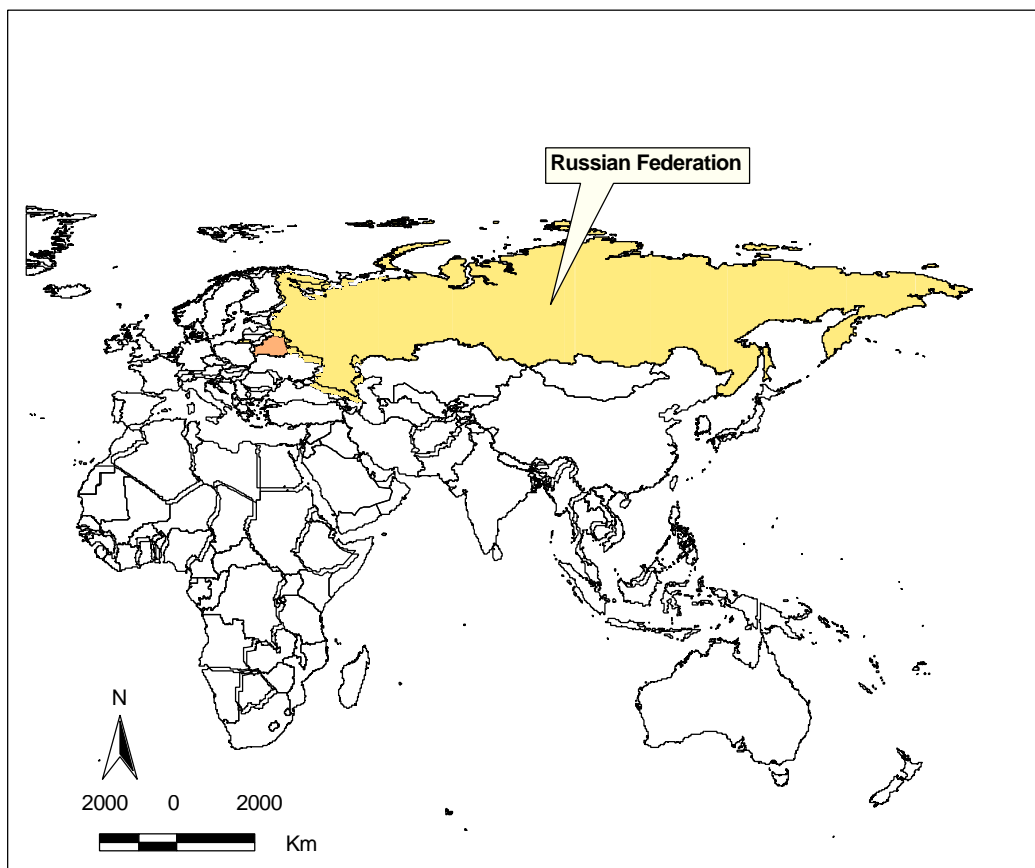
### **2.5.2 Intervention priorities**

The above concerns and preferences expressed by community leaders suggest the following intervention priorities in which young people should participate:

- Facilitating economic development, building social cohesion, reducing the availability of substances, increasing non-approval of substance use, disentangling the substance-crime connection, and enhancing cooperation between agencies working in the area of prevention of substance use
- through mobilizing community groups and intergroup/agency forums, holding educational campaigns, collaborating with international preventive agencies, and
- insisting on increased licit income generation, the strengthening of social support groups, a reduction in the number of liquor and tobacco outlets, stricter alcohol and tobacco trade regulations, increased deterrence of trafficking in illicit substances, non-approval of substance use, and increased interagency activity.
- Motivating and teaching young people, and especially 10-14 year olds in Central District, through awareness campaigns and peer education not to succumb to (social) enticement to use substances, and insisting on a reduction in youth substance use, as well as increased awareness of the problems that may arise from substance use.



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### 3.1 Site description

Three urban sites were selected for the baselines assessments of the Global Initiative in the Russian Federation: (a) Lublino District (or South Eastern Administrative District) in the capital city of Moscow; (b) Ivanovo (capital of Ivanovo Province) in the Moscow Region on the main road between Kostroma in the north and Vladimir in the south; and (c) Irkutsk (capital of Irkutsk Province) on the River Angara (near where it mouths into Lake Bajkal), east of the Ural Mountains in Southern Siberia, and near the central northern border of Mongolia, and connected to the main centres in the Russian Federation by road and the Trans-Siberian Railway. Table 1 shows that the age and gender compositions of the three sites were largely similar, except that in Irkutsk the youngest age group was over represented and the oldest age group underrepresented when compared to these age groups in the other two sites.

**Table 1: Demographic profile of the participating sites (2000 census, with the Lublino District figures based on Moscow figures)**

| Variable                                     | Irkutsk        | Ivanovo        | Lublino District (Moscow) |
|--|----------------|----------------|---------------------------|
| <b>Gender distribution of the population</b> |                |                |                           |
| 1. Males.....                                | 44.7 %         | 45.0 %         | 44.9 %                    |
| 2. Females.....                              | 55.3 %         | 55.0 %         | 55.1 %                    |
| <b>Age distribution of the population</b>    |                |                |                           |
| 1. 0-14 years.....                           | 18.5 %         | 14.5 %         | 15.3 %                    |
| 2. 15-49 years.....                          | 56.7 %         | 54.1 %         | 51.5 %                    |
| 3. 50-64 years.....                          | 15.1 %         | 17.6 %         | 18.5 %                    |
| 4. 65 years or older .....                   | 9.6 %          | 13.8 %         | 14.7 %                    |
| Mean age of the population .....             | 36.9 years     | 39.7 years     | 40.2 years                |
| <b>Total population (N) .....</b>            | <b>589 683</b> | <b>456 357</b> | <b>898 800</b>            |

### 3.2 KAP study: Knowledge, attitudes and practices related to the use of psychoactive substances

#### 3.2.1 Demographic profile of respondents

Table 2 presents the key demographic characteristics of the respective sets of respondents in the KAP survey. The average age of the respondents in the adult KAP survey was younger in Irkutsk than in Ivanovo and Lublino District. In Irkutsk the average age was 38.8 years in the overall sample, 27 years among males and 38.9 years among females; the related ages for Ivanovo were 43 years, 26 years and 42.6 years; and for Lublino District 42.9 years, 22 years and 42.4 years. Across the sites females were in the majority in the adult KAP survey. Whereas females were in the majority in the youth KAP survey in

Irkutsk and in Ivanovo, males were in the majority in Lublino District. The respondents in the youth KAP survey in Lublino District concentrated in the mid-adolescent group (14-16 years), in Ivanovo in the youngest (10-13 years) and oldest age groups (17-21 years), and in Irkutsk in the early to mid-adolescent years (16 years and younger). The average age in Irkutsk was 14.7 years in the overall youth sample, 15.1 years among males and 14.3 years among females; the corresponding ages in Ivanovo were 15 years, 14 years and 15.5 years, and in Lublino District 15.2 years, 14.9 years and 15.5 years

**Table 2: Demographic profile of the respondents in the Youth and Adult KAP Survey**

| Variable                         | Irkutsk    |            | Ivanovo    |            | Lublino District (Moscow) |            |
|----------------------------------|------------|------------|------------|------------|---------------------------|------------|
|                                  | Adult KAP  | Youth KAP  | Adult KAP  | Youth KAP  | Adult KAP                 | Youth KAP  |
| <b>Gender distribution</b>       |            |            |            |            |                           |            |
| 1. Males.....                    | 27.3 %     | 46.8 %     | 26.0 %     | 43.7 %     | 20.8 %                    | 51.6 %     |
| 2. Females.....                  | 72.7 %     | 53.2 %     | 74.0 %     | 56.3 %     | 79.2 %                    | 48.4 %     |
| <b>Age distribution (adults)</b> |            |            |            |            |                           |            |
| 1. 22-39 years.....              | 52.5 %     | -          | 35.0 %     | -          | 31.1 %                    | -          |
| 2. 40-45 years.....              | 24.2 %     | -          | 39.0 %     | -          | 33.0 %                    | -          |
| 3. 46 years or older.....        | 23.2 %     | -          | 26.0 %     | -          | 35.8 %                    | -          |
| <b>Age distribution (youth)</b>  |            |            |            |            |                           |            |
| 1. 10-13 years.....              | -          | 36.8 %     | -          | 37.3 %     | -                         | 25.5 %     |
| 2. 14-16 years.....              | -          | 35.5 %     | -          | 25.7 %     | -                         | 46.2 %     |
| 3. 17-21 years.....              | -          | 27.8 %     | -          | 37.0 %     | -                         | 28.3 %     |
| Mean age.....                    | 38.8 years | 14.7 years | 43.0 years | 15 years   | 42.9 years                | 15.2 years |
| <b>Total N.....</b>              | <b>99</b>  | <b>299</b> | <b>100</b> | <b>300</b> | <b>106</b>                | <b>314</b> |

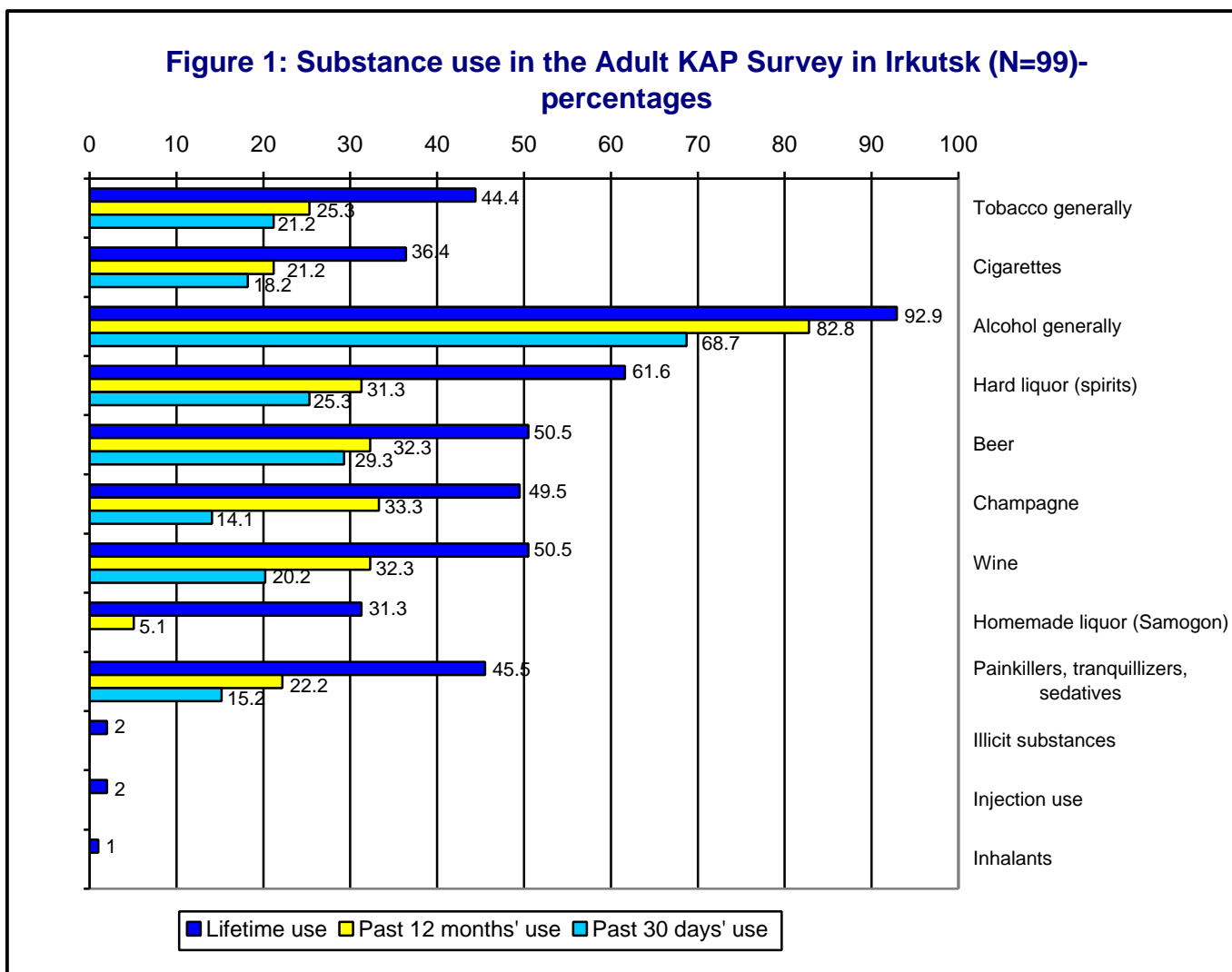
### 3.2.2 Adult survey

#### (a) *Lifetime and current (past 12 months' and past 30 days') substance use*

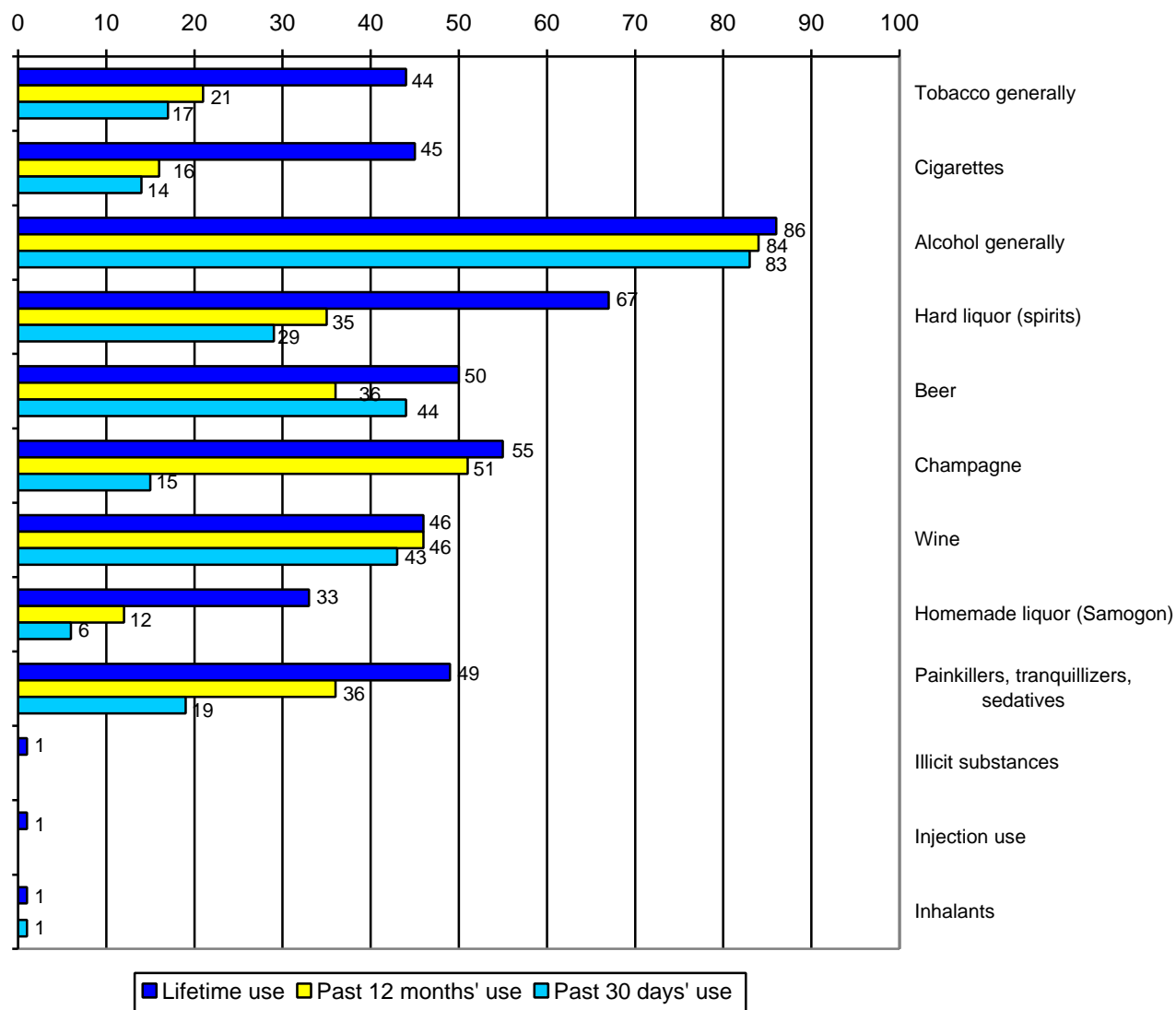
Figures 1 to 3 show the extent to which the respondents in the adult KAP survey admitted using psychoactive substances at some time in their life (lifetime use), in the 12 months before the survey and in the 30 days before the survey. In all three sites licit substances—alcohol and to a lesser extent tobacco—predominated, particularly in Lublino District. For example, between 31.3% and 92.9% in Irkutsk, between 33.0% and 86.0% in Ivanovo, and between 45.3% and 97.2% in Lublino District admitted lifetime use of alcohol and tobacco products. Many respondents also reported non-medical lifetime use of painkillers and other prescription medicine, e.g. 52.8% in Lublino District, 49.0% in Ivanovo and 45.5% in Irkutsk. Illicit substance use was rarely reported, e.g. 3.8% in Lublino District, 2.0% in Irkutsk and 1.0% in Ivanovo admitted lifetime use. Although persons who admitted lifetime use of the commonly reported substances did not necessarily admit current use (i.e. past 12 months' and past 30 days' use),

many admitted lifetime and current use, particularly with regard to alcoholic beverages other than homebrews.

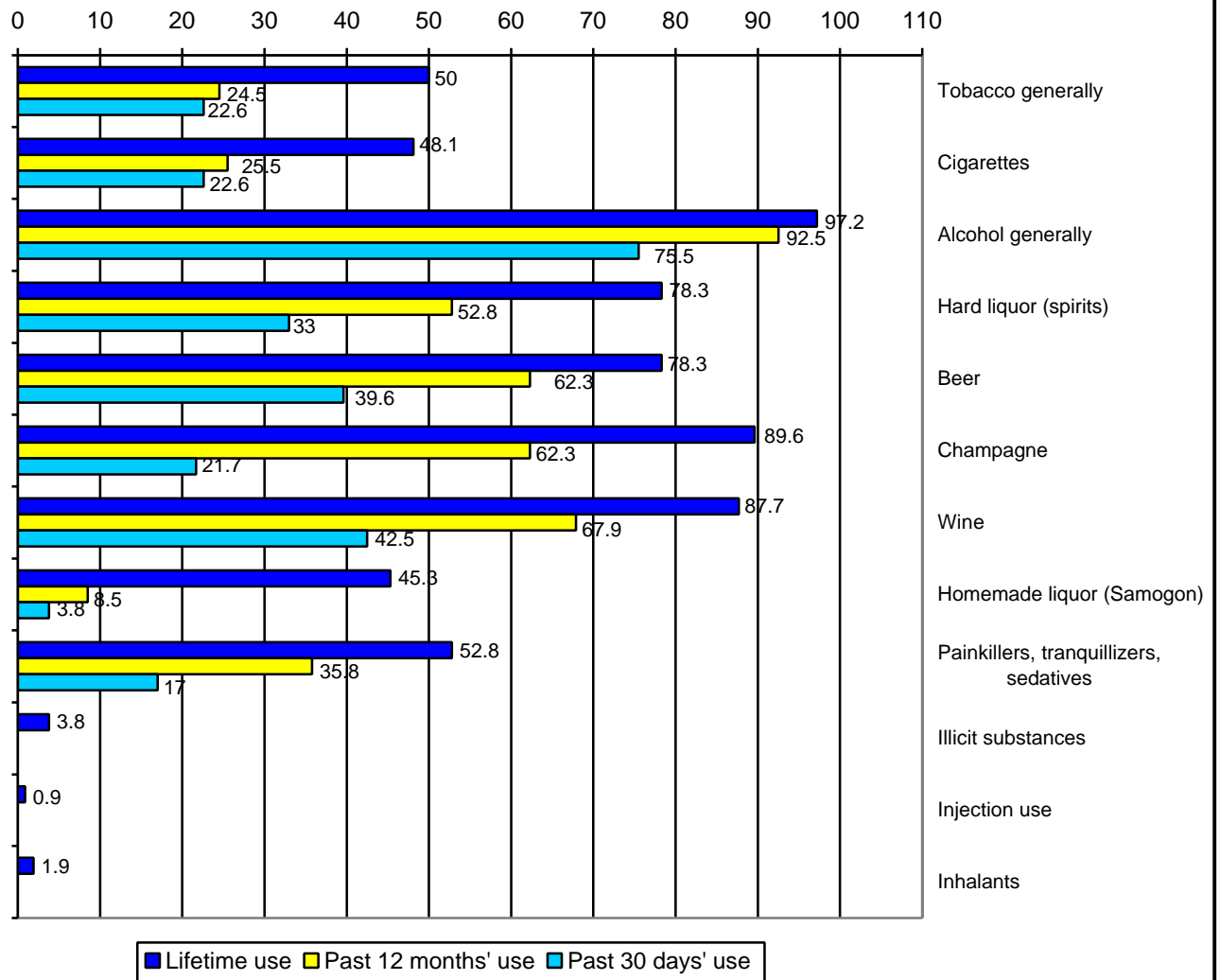
Tables 3 and 4 show gender and age differences among persons who admitted substance use. Across the sites males in particular admitted lifetime use of cigarettes and females the use of painkillers and prescription medicine (on a lifetime as well as past 12 months' basis). In Irkutsk females rather than males admitted lifetime use of beer, champagne and wine. Regarding illicit substances, males rather than females reported lifetime use in all three sites. Furthermore, in Irkutsk and Ivanovo illicit substance use mostly occurred among younger persons (22-39 years). With regard to injecting drug use, female 22-45 year olds in Irkutsk, male 22-39 year olds in Ivanovo, and males in the 49 years and older age group in Lublino District admitted lifetime use.



**Figure 2: Substance use in the Adult KAP Survey in Ivanovo (N=100)- percentages**



**Figure 3: Substance use in the Adult KAP Survey in Lublino District (N=100)-percentages**



**Table 3: Substance use in the Adult KAP Survey by gender**

| Substance   | Irkutsk (%) |           | Ivanovo (%) |           | Lublino District (%) |           |
|---|-------------|-----------|-------------|-----------|----------------------|-----------|
|   | Male        | Female    | Male        | Female    | Male                 | Female    |
| <b>Cigarettes</b>                                 |             |           |             |           |                      |           |
| Lifetime .....                                    | 55.6        | 29.2      | 73.1        | 35.1      | 81.8                 | 39.3      |
| Past 12 months.....                               | 40.7        | 13.9      | 34.6        | 9.5       | 45.5                 | 20.2      |
| <b>Hard liquor (spirits)</b>                      |             |           |             |           |                      |           |
| Lifetime .....                                    | 56.0        | 63.9      | 73.1        | 64.9      | 95.5                 | 73.8      |
| Past 12 months.....                               | 33.3        | 30.6      | 38.5        | 33.8      | 90.9                 | 42.9      |
| <b>Beer</b>                                       |             |           |             |           |                      |           |
| Lifetime .....                                    | 44.0        | 52.8      | 61.5        | 45.9      | 100.0                | 72.6      |
| Past 12 months.....                               | 25.9        | 34.7      | 34.6        | 36.5      | 90.0                 | 54.8      |
| <b>Painkillers, sedatives,<br/>tranquillizers</b> |             |           |             |           |                      |           |
| Lifetime .....                                    | 25.9        | 52.8      | 38.5        | 52.7      | 36.4                 | 57.1      |
| Past 12 months.....                               | 11.0        | 26.4      | 34.6        | 36.5      | 22.7                 | 39.3      |
| <b>Champagne</b>                                  |             |           |             |           |                      |           |
| Lifetime .....                                    | 37.0        | 54.2      | 61.5        | 52.7      | 100.0                | 86.9      |
| Past 12 months.....                               | 37.0        | 31.9      | 30.8        | 58.1      | 54.5                 | 64.3      |
| <b>Wine</b>                                       |             |           |             |           |                      |           |
| Lifetime .....                                    | 41.0        | 54.2      | 65.4        | 39.2      | 100.0                | 84.5      |
| Past 12 months.....                               | 25.9        | 34.7      | 30.8        | 51.4      | 81.8                 | 64.3      |
| <b>Homemade liquor</b>                            |             |           |             |           |                      |           |
| Lifetime .....                                    | 37.0        | 29.2      | 46.2        | 28.4      | 81.8                 | 35.7      |
| Past 12 months.....                               | 7.4         | 4.2       | 19.2        | 9.5       | 27.3                 | 3.6       |
| <b>Illicit substances generally</b>               |             |           |             |           |                      |           |
| Lifetime .....                                    | 3.7         | 1.4       | 3.8         | -         | 13.6                 | 1.2       |
| Past 12 months.....                               | -           | -         | -           | -         | -                    | -         |
| <b>Injection use</b>                              |             |           |             |           |                      |           |
| Lifetime .....                                    | -           | 2.8       | 3.8         | -         | 4.5                  | -         |
| Past 12 months.....                               | -           | -         | -           | -         | -                    | -         |
| <b>Inhalants</b>                                  |             |           |             |           |                      |           |
| Lifetime .....                                    | 3.7         | -         | 3.8         | -         | 4.5                  | 1.2       |
| Past 12 months.....                               | -           | -         | -           | -         | -                    | -         |
| <b>TOTAL (N)</b> .....                            | <b>27</b>   | <b>72</b> | <b>26</b>   | <b>74</b> | <b>22</b>            | <b>84</b> |

**Table 4: Substance use in the Adult KAP Survey by gender and age**

| Substance   | Irkutsk (%) |           |             |           |           |           |
|---|-------------|-----------|-------------|-----------|-----------|-----------|
|   | ≤39 years   |           | 40-45 years |           | ≥46 years |           |
|   | Male        | Female    | Male        | Female    | Male      | Female    |
| <b>Cigarettes</b>                                 |             |           |             |           |           |           |
| Lifetime .....                                    | 66.7        | 21.6      | 33.3        | 33.3      | 50.0      | 41.2      |
| Past 12 months.....                               | 46.7        | 13.5      | 50.0        | 16.7      | 16.7      | 11.8      |
| <b>Hard liquor (spirits)</b>                      |             |           |             |           |           |           |
| Lifetime .....                                    | 66.7        | 70.3      | 50.0        | 50.0      | 33.3      | 64.7      |
| Past 12 months.....                               | 40.0        | 37.8      | 16.7        | 16.7      | 33.3      | 29.4      |
| <b>Beer</b>                                       |             |           |             |           |           |           |
| Lifetime .....                                    | 46.7        | 54.1      | 66.7        | 55.6      | 16.7      | 47.1      |
| Past 12 months.....                               | 26.7        | 40.5      | 16.7        | 27.8      | 33.3      | 29.4      |
| <b>Painkillers, sedatives,<br/>tranquillizers</b> |             |           |             |           |           |           |
| Lifetime .....                                    | 33.3        | 48.6      | 33.3        | 55.6      | -         | 58.8      |
| Past 12 months.....                               | 13.3        | 24.3      | 16.7        | 38.9      | -         | 17.6      |
| <b>Champagne</b>                                  |             |           |             |           |           |           |
| Lifetime .....                                    | 40.0        | 56.8      | 50.0        | 50.0      | 16.7      | 52.9      |
| Past 12 months.....                               | 33.3        | 35.1      | 33.3        | 33.3      | 50.0      | 23.5      |
| <b>Wine</b>                                       |             |           |             |           |           |           |
| Lifetime .....                                    | 46.7        | 54.1      | 50.0        | 55.6      | 16.7      | 52.9      |
| Past 12 months.....                               | 26.7        | 40.5      | 16.7        | 27.8      | 33.3      | 29.4      |
| <b>Homemade liquor</b>                            |             |           |             |           |           |           |
| Lifetime .....                                    | 40.0        | 24.3      | 33.3        | 27.8      | 33.3      | 41.2      |
| Past 12 months.....                               | 13.3        | 5.4       | -           | 5.6       | -         | -         |
| <b>Illicit substances generally</b>               |             |           |             |           |           |           |
| Lifetime .....                                    | 6.7         | -         | -           | 5.6       | -         | -         |
| Past 12 months.....                               | -           | -         | -           | -         | -         | -         |
| <b>Injection use</b>                              |             |           |             |           |           |           |
| Lifetime .....                                    | -           | 2.7       | -           | 5.6       | -         | -         |
| Past 12 months.....                               | -           | -         | -           | -         | -         | -         |
| <b>Inhalants</b>                                  |             |           |             |           |           |           |
| Lifetime .....                                    | 6.7         | -         | -           | -         | -         | -         |
| Past 12 months.....                               | -           | -         | -           | -         | -         | -         |
| <b>TOTAL (N)</b> .....                            | <b>15</b>   | <b>37</b> | <b>6</b>    | <b>18</b> | <b>6</b>  | <b>17</b> |

(Table 4 continued)

| Substance   | Ivanovo (%) |           |             |           |           |           |
|---|-------------|-----------|-------------|-----------|-----------|-----------|
|   | ≤39 years   |           | 40-45 years |           | ≥46 years |           |
|   | Male        | Female    | Male        | Female    | Male      | Female    |
| <b>Cigarettes</b>                                 |             |           |             |           |           |           |
| Lifetime .....                                    | 75.0        | 40.7      | 70.0        | 27.6      | 75.0      | 38.9      |
| Past 12 months.....                               | 37.5        | 14.8      | 40.0        | 6.9       | 25.0      | 5.6       |
| <b>Hard liquor (spirits)</b>                      |             |           |             |           |           |           |
| Lifetime .....                                    | 75.0        | 55.6      | 90.0        | 58.6      | 50.0      | 88.9      |
| Past 12 months.....                               | 50.0        | 40.7      | 40.0        | 24.1      | 25.0      | 38.9      |
| <b>Beer</b>                                       |             |           |             |           |           |           |
| Lifetime .....                                    | 50.0        | 55.6      | 80.0        | 34.5      | 50.0      | 50.0      |
| Past 12 months.....                               | 25.0        | 44.4      | 50.0        | 27.6      | 25.0      | 38.9      |
| <b>Painkillers, sedatives,<br/>tranquillizers</b> |             |           |             |           |           |           |
| Lifetime .....                                    | 50.0        | 44.4      | 30.0        | 62.1      | 37.5      | 50.0      |
| Past 12 months.....                               | 50.0        | 44.4      | 30.0        | 31.0      | 25.0      | 33.3      |
| <b>Champagne</b>                                  |             |           |             |           |           |           |
| Lifetime .....                                    | 37.5        | 66.7      | 80.0        | 37.9      | 62.5      | 55.6      |
| Past 12 months.....                               | 25.0        | 48.1      | 40.0        | 62.1      | 25.0      | 66.7      |
| <b>Wine</b>                                       |             |           |             |           |           |           |
| Lifetime .....                                    | 37.5        | 48.1      | 80.0        | 31.0      | 75.0      | 38.9      |
| Past 12 months.....                               | 25.0        | 55.6      | 40.0        | 41.4      | 25.0      | 61.1      |
| <b>Homemade liquor</b>                            |             |           |             |           |           |           |
| Lifetime .....                                    | 50.0        | 25.9      | 50.0        | 37.9      | 37.5      | 16.7      |
| Past 12 months.....                               | 12.5        | 7.4       | 30.0        | 6.9       | 12.5      | 16.7      |
| <b>Illicit substances generally</b>               |             |           |             |           |           |           |
| Lifetime .....                                    | 12.5        | -         | -           | -         | -         | -         |
| Past 12 months.....                               | -           | -         | -           | -         | -         | -         |
| <b>Injection use</b>                              |             |           |             |           |           |           |
| Lifetime .....                                    | 12.5        | -         | -           | -         | -         | -         |
| Past 12 months.....                               | -           | -         | -           | -         | -         | -         |
| <b>Inhalants</b>                                  |             |           |             |           |           |           |
| Lifetime .....                                    | 12.5        | -         | -           | -         | -         | -         |
| Past 12 months.....                               | -           | -         | -           | -         | -         | -         |
| <b>TOTAL (N)</b> .....                            | <b>8</b>    | <b>10</b> | <b>8</b>    | <b>27</b> | <b>29</b> | <b>18</b> |

(Table 4 continued)

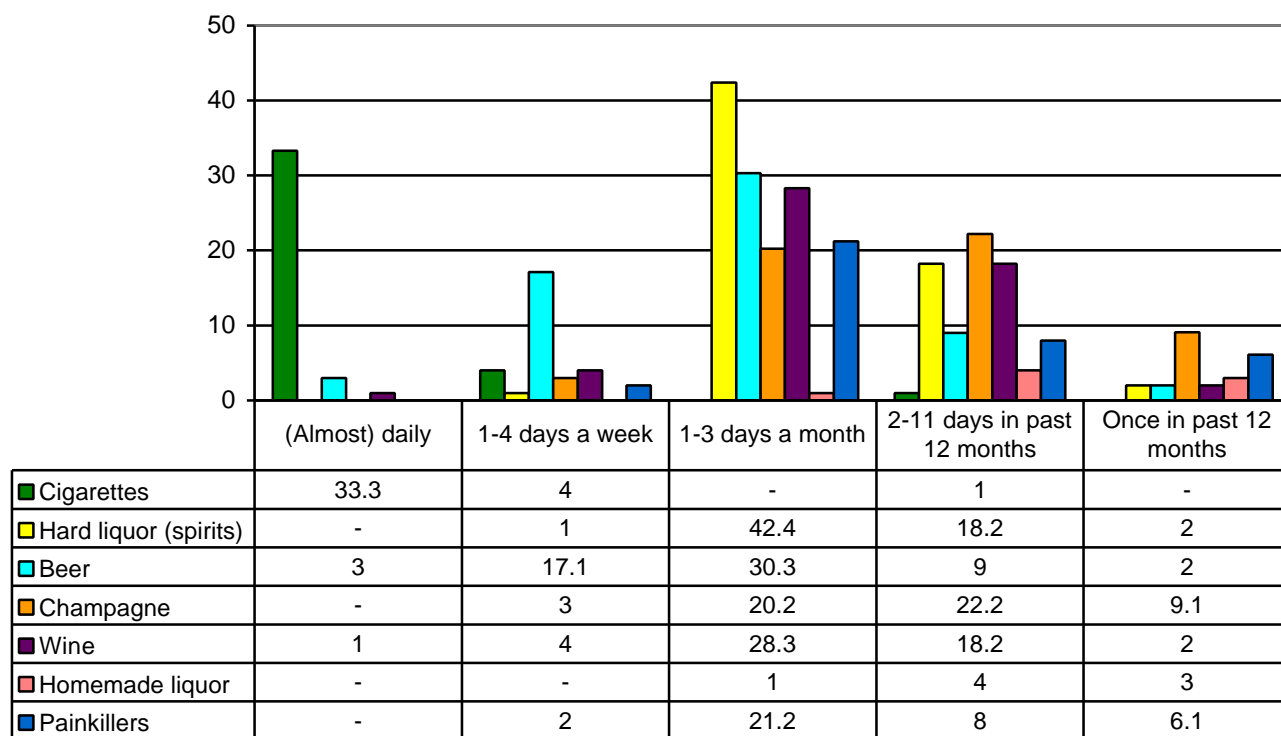
| Substance   | Lublino District (%) |          |             |           |           |           |
|---|----------------------|----------|-------------|-----------|-----------|-----------|
|   | ≤39 years            |          | 40-45 years |           | ≥46 years |           |
|   | Male                 | Female   | Male        | Female    | Male      | Female    |
| <b>Cigarettes</b>                                 |                      |          |             |           |           |           |
| Lifetime .....                                    | 100.0                | 48.3     | 75.0        | 37.0      | 80.0      | 32.1      |
| Past 12 months.....                               | 25.0                 | 31.0     | 50.0        | 11.1      | 50.0      | 17.9      |
| <b>Hard liquor (spirits)</b>                      |                      |          |             |           |           |           |
| Lifetime .....                                    | 100.0                | 79.3     | 100.0       | 55.6      | 90.0      | 85.7      |
| Past 12 months.....                               | 100.0                | 41.4     | 100.0       | 33.3      | 80.0      | 53.6      |
| <b>Beer</b>                                       |                      |          |             |           |           |           |
| Lifetime .....                                    | 100.0                | 75.9     | 100.0       | 59.3      | 100.0     | 82.1      |
| Past 12 months.....                               | 100.0                | 62.1     | 100.0       | 48.1      | 80.0      | 53.6      |
| <b>Painkillers, sedatives,<br/>tranquillizers</b> |                      |          |             |           |           |           |
| Lifetime .....                                    | 50.0                 | 55.2     | 50.0        | 63.0      | 40.0      | 53.6      |
| Past 12 months.....                               | 25.0                 | 44.8     | 25.0        | 40.7      | 30.0      | 32.1      |
| <b>Champagne</b>                                  |                      |          |             |           |           |           |
| Lifetime .....                                    | 100.0                | 82.8     | 100.0       | 88.9      | 100.0     | 89.3      |
| Past 12 months.....                               | 75.0                 | 55.2     | 37.5        | 63.0      | 60.0      | 75.0      |
| <b>Wine</b>                                       |                      |          |             |           |           |           |
| Lifetime .....                                    | 100.0                | 82.8     | 100.0       | 77.8      | 100.0     | 92.9      |
| Past 12 months.....                               | 100.0                | 58.6     | 100.0       | 59.3      | 60.0      | 75.0      |
| <b>Homemade liquor</b>                            |                      |          |             |           |           |           |
| Lifetime .....                                    | 100.0                | 20.7     | 87.5        | 33.3      | 70.0      | 53.6      |
| Past 12 months.....                               | 25.0                 | -        | 25.0        | 3.7       | 30.0      | 7.1       |
| <b>Illicit substances generally</b>               |                      |          |             |           |           |           |
| Lifetime .....                                    | 50.0                 | 3.4      | -           | -         | 10.0      | -         |
| Past 12 months.....                               | -                    | -        | -           | -         | -         | -         |
| <b>Injection use</b>                              |                      |          |             |           |           |           |
| Lifetime .....                                    | -                    | -        | -           | -         | 10.0      | -         |
| Past 12 months.....                               | -                    | -        | -           | -         | -         | -         |
| <b>Inhalants</b>                                  |                      |          |             |           |           |           |
| Lifetime .....                                    | -                    | 3.4      | 12.5        | -         | -         | -         |
| Past 12 months.....                               | -                    | -        | -           | -         | -         | -         |
| <b>TOTAL (N)</b> .....                            | <b>4</b>             | <b>8</b> | <b>10</b>   | <b>29</b> | <b>27</b> | <b>28</b> |

## (b) Regular/heavy substance use, alcohol dependence and problems related to substance use

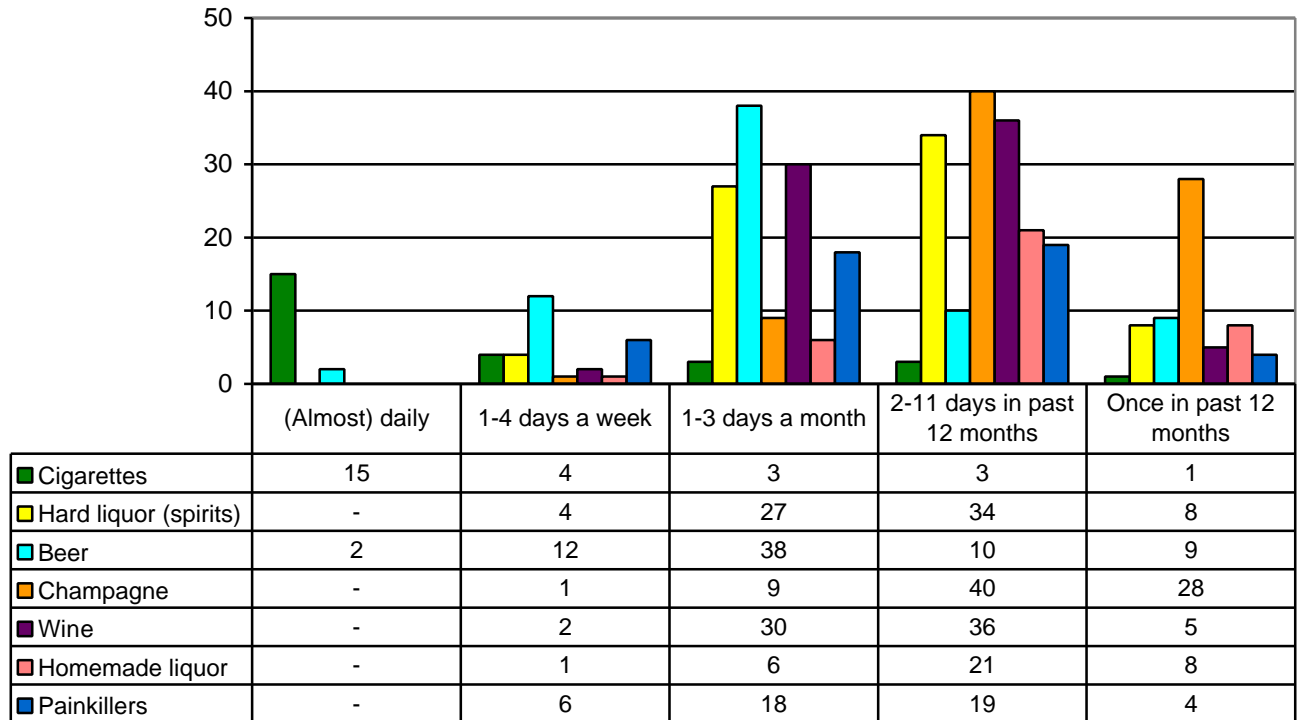
Figures 4 to 6 and Tables 5 to 8 present the extent to which the respondents in the adult KAP survey reported regular/heavy substance use and symptoms of alcohol dependence in the 12 months before the survey, as well as the extent to which they admitted having experienced at some time in their life

problems related to substance use. Regular (daily/weekly) substance use particularly occurred in respect of cigarettes and beer, and was generally more common among males than females. In Irkutsk 37.3% of the respondents admitted daily/weekly use of cigarettes and 20.1% did so with regard to beer. The corresponding percentages in Ivanovo were 19.0% and 14.0%, and in Lublino District 23.6% and 20.8%. Heavy cigarette use (at least five cigarettes per day) also mostly occurred among males, with 20.2% in the overall sample in Irkutsk, 18.0% in Ivanovo and 18.8% in Lublino District reporting such use. Whereas 16.0% in Lublino District admitted that they had experienced problems related to substance use at some time in their life, somewhat lower percentages did so in the other two sites, i.e.10.0% in Ivanovo and 11.0% in Irkutsk. Across sites males rather than females admitted such experiences. Between 1.0% and 14.1% of the respondents in Irkutsk, between 4.0% and 15.0% in Ivanovo, and between 3.7% and 10.3% in Lublino District admitted experiences of alcohol dependence in the 12 months before the survey. Early morning drinking particularly occurred among males in Ivanovo (15.4%) and among males in Lublino District (27.2%). Across sites experiences of memory loss after spells of drinking were also particularly reported by males, indeed between 11.1% and 15.3% of the respective male respondents in the three sites admitted such experiences.

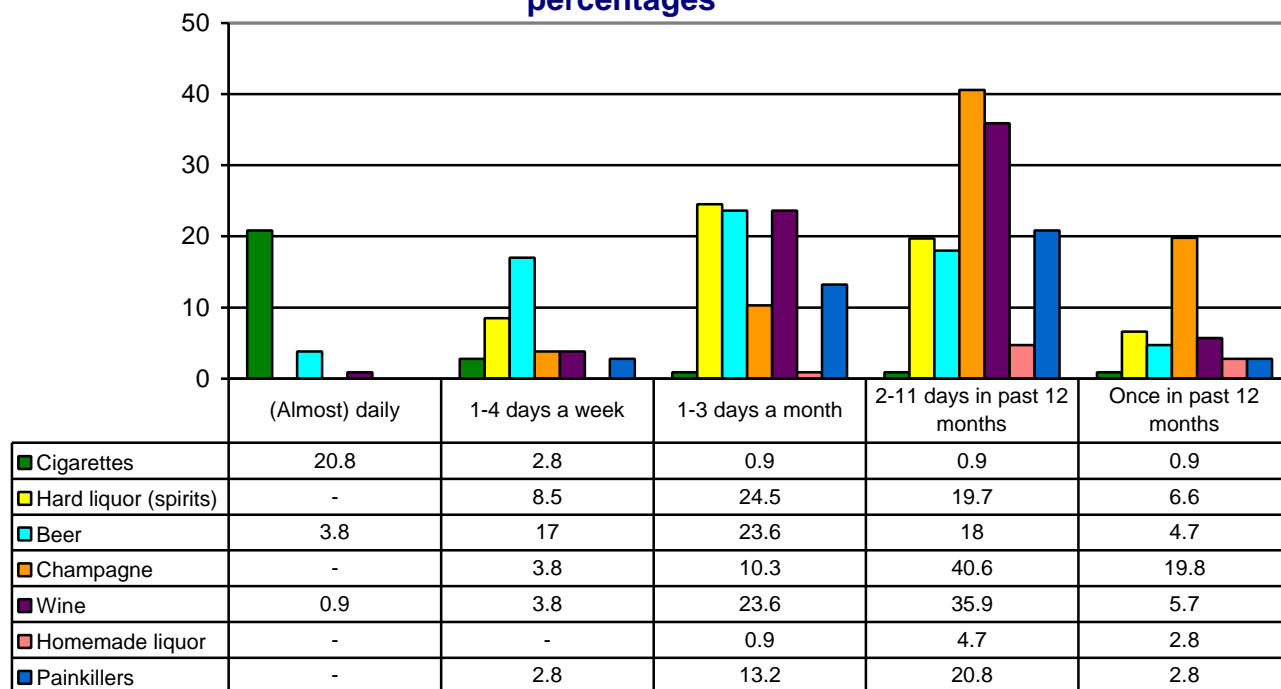
**Figure 4: Frequency of substance use in the Adult KAP Survey in Irkutsk in the 12 months before the survey (N=99)-percentages**



**Figure 5: Frequency of substance use in the Adult KAP Survey in Ivanovo in the 12 months before the survey (N=100)-percentages**



**Figure 6: Frequency of substance use in the Adult KAP Survey in Lublino District in the 12 months before the survey (N=100)- percentages**



**Table 5: Frequency of selected substance use in the Adult KAP survey in the 12 months before the survey by gender**

| Frequency of use                  | Irkutsk (%) |        | Ivanovo (%) |        | Lublino District (%) |        |
|-----------------------------------|-------------|--------|-------------|--------|----------------------|--------|
|                                   | Male        | Female | Male        | Female | Male                 | Female |
| <b>Cigarettes</b>                 |             |        |             |        |                      |        |
| (Almost) daily.....               | 48.1        | 27.8   | 30.8        | 9.5    | 45.5                 | 14.3   |
| 1-4 days a week .....             | 3.7         | 4.2    | 3.8         | 4.1    | -                    | 3.6    |
| 1-3 days a month .....            | -           | -      | -           | 4.1    | -                    | 1.2    |
| 2-11 days in past 12 months ..... | -           | 1.4    | 7.6         | 1.4    | 4.5                  | -      |
| Once in past 12 months .....      | -           | -      | -           | 1.4    | -                    | 1.2    |
| <b>Hard liquor (spirits)</b>      |             |        |             |        |                      |        |
| (Almost) daily.....               | -           | -      | -           | -      | -                    | -      |
| 1-4 days a week .....             | 3.7         | -      | 7.7         | 2.7    | 22.7                 | 4.8    |
| 1-3 days a month .....            | 58.8        | 36.1   | 42.3        | 21.7   | 50.0                 | 17.9   |
| 2-11 days in past 12 months ..... | 14.7        | 19.4   | 26.8        | 36.6   | 22.6                 | 19.0   |
| Once in past 12 months .....      | -           | 2.8    | -           | 10.8   | -                    | 8.3    |

Section 3

| Frequency of use                  | Irkutsk (%)    |                | Ivanovo (%)    |                | Lublino District (%) |                |
|-----------------------------------|----------------|----------------|----------------|----------------|----------------------|----------------|
|                                   | Male           | Female         | Male           | Female         | Male                 | Female         |
| <b>Beer</b>                       |                |                |                |                |                      |                |
| (Almost) daily.....               | 4.0.....       | 2.8.....       | 7.7.....       | -.....         | 13.6.....            | 1.2.....       |
| 1-4 days a week .....             | 29.6.....      | 12.5.....      | 11.5.....      | 12.2.....      | 40.9.....            | 10.7.....      |
| 1-3 days a month .....            | 33.8.....      | 28.5.....      | 50.0.....      | 33.8.....      | 27.3.....            | 22.6.....      |
| 2-11 days in past 12 months ..... | 4.0.....       | 11.2.....      | -.....         | 13.6.....      | 13.6.....            | 19.1.....      |
| Once in past 12 months .....      | -.....         | 2.8.....       | 15.4.....      | 6.8.....       | -.....               | 6.0.....       |
| <b>Champagne</b>                  |                |                |                |                |                      |                |
| (Almost) daily.....               | -.....         | -.....         | -.....         | -.....         | -.....               | -.....         |
| 1-4 days a week .....             | 3.7.....       | 2.8.....       | 3.8.....       | -.....         | 9.1.....             | 2.4.....       |
| 1-3 days a month .....            | 14.4.....      | 22.2.....      | 3.8.....       | 10.8.....      | 9.1.....             | 10.7.....      |
| 2-11 days in past 12 months ..... | 28.8.....      | 19.5.....      | 30.7.....      | 43.3.....      | 27.2.....            | 44.1.....      |
| Once in past 12 months .....      | 7.4.....       | 9.7.....       | 15.4.....      | 32.4.....      | 31.8.....            | 16.7.....      |
| <b>Wine</b>                       |                |                |                |                |                      |                |
| (Almost) daily.....               | -.....         | 1.4.....       | -.....         | -.....         | 4.5.....             | -.....         |
| 1-4 days a week .....             | 3.7.....       | 4.2.....       | 7.6.....       | -.....         | 9.0.....             | 2.4.....       |
| 1-3 days a month .....            | 40.9.....      | 23.6.....      | 19.2.....      | 33.8.....      | 9.0.....             | 27.4.....      |
| 2-11 days in past 12 months ..... | 11.0.....      | 20.9.....      | 23.1.....      | 40.6.....      | 45.4.....            | 33.3.....      |
| Once in past 12 months .....      | -.....         | 2.8.....       | -.....         | 6.8.....       | -.....               | 7.1.....       |
| <b>Homemade liquor</b>            |                |                |                |                |                      |                |
| (Almost) daily.....               | -.....         | -.....         | -.....         | -.....         | -.....               | -.....         |
| 1-4 days a week .....             | -.....         | -.....         | 3.8.....       | -.....         | -.....               | -.....         |
| 1-3 days a month .....            | 4.0.....       | -.....         | 15.4.....      | 2.7.....       | 4.5.....             | -.....         |
| 2-11 days in past 12 months ..... | 14.4.....      | -.....         | 19.2.....      | 21.7.....      | 13.6.....            | 2.4.....       |
| Once in past 12 months .....      | 7.4.....       | 1.4.....       | 3.8.....       | 9.5.....       | -.....               | 3.6.....       |
| <b>Painkillers</b>                |                |                |                |                |                      |                |
| (Almost) daily.....               | -.....         | -.....         | -.....         | -.....         | -.....               | -.....         |
| 1-4 days a week .....             | -.....         | 2.8.....       | 3.8.....       | 6.8.....       | -.....               | 3.6.....       |
| 1-3 days a month .....            | 11.4.....      | 25.0.....      | 7.7.....       | 21.7.....      | -.....               | 16.7.....      |
| 2-11 days in past 12 months ..... | 11.1.....      | 7.0.....       | 23.0.....      | 17.7.....      | 22.7.....            | 20.2.....      |
| Once in past 12 months .....      | 7.0.....       | 5.6.....       | 7.7.....       | 2.7.....       | -.....               | 3.6.....       |
| <b>TOTAL (N).....</b>             | <b>27.....</b> | <b>72.....</b> | <b>26.....</b> | <b>74.....</b> | <b>22.....</b>       | <b>84.....</b> |

**Table 6: Number of cigarettes used per day in the Adult KAP Survey in the 12 months before the survey by gender and age**

| Quantity of cigarettes used per day | All adults % | Male (%)  | Female (%) | Male (%)  |             |           | Female (%) |             |           |
|-------------------------------------|--------------|-----------|------------|-----------|-------------|-----------|------------|-------------|-----------|
|                                     |              |           |            | ≤39 years | 40-45 years | ≥46 years | ≤39 years  | 40-45 years | ≥46 years |
| <b>Irkutsk</b>                      |              |           |            |           |             |           |            |             |           |
| Less than 5 per day                 | 11.1         | 3.7       | 13.9       | 6.7       | -           | -         | 18.9       | 16.7        | -         |
| 5-9 per day                         | 6.1          | 7.4       | 5.6        | 6.7       | -           | 16.7      | 2.7        | 5.6         | 11.8      |
| 10 and more per day                 | 14.1         | 33.3      | 7.0        | 40.1      | 16.7        | 33.4      | 5.4        | -           | -         |
| <b>Total (N)</b>                    | <b>99</b>    | <b>27</b> | <b>72</b>  | <b>15</b> | <b>6</b>    | <b>6</b>  | <b>37</b>  | <b>18</b>   | <b>17</b> |
| <b>Ivanovo</b>                      |              |           |            |           |             |           |            |             |           |
| Less than 5 per day                 | 8.0          | 7.7       | 8.1        | 0.0       | 10.0        | 12.5      | 7.4        | 10.3        | 5.6       |
| 5-9 per day                         | 4.0          | 7.7       | 2.7        | 12.5      | 0.0         | 12.5      | 7.4        | -           | -         |
| 10 and more per day                 | 14.0         | 42.3      | 4.1        | 62.5      | 40.0        | 25.0      | 7.4        | -           | 5.6       |
| <b>Total (N)</b>                    | <b>100</b>   | <b>26</b> | <b>74</b>  | <b>8</b>  | <b>10</b>   | <b>8</b>  | <b>27</b>  | <b>29</b>   | <b>18</b> |
| <b>Lublino District</b>             |              |           |            |           |             |           |            |             |           |
| Less than 5 per day                 | 7.5          | 9.1       | 7.1        | 25.0      | -           | 10.0      | 10.3       | 7.4         | 3.6       |
| 5-9 per day                         | 6.6          | 9.1       | 6.0        | -         | 12.5        | 10.0      | 3.4        | 3.7         | 10.7      |
| 10 and more per day                 | 12.2         | 31.8      | 7.2        | -         | 37.5        | 40.0      | 17.2       | -           | 3.6       |
| <b>Total (N)</b>                    | <b>106</b>   | <b>22</b> | <b>84</b>  | <b>4</b>  | <b>8</b>    | <b>10</b> | <b>29</b>  | <b>27</b>   | <b>28</b> |

**Table 7: Consequences of alcohol use in the Adult KAP Survey**

| Consequences   | All adults % | Male (%)  | Female (%) | Male (%)  |             |           | Female (%) |             |           |
|--|--------------|-----------|------------|-----------|-------------|-----------|------------|-------------|-----------|
|  |              |           |            | ≤39 years | 40-45 years | ≥46 years | ≤39 years  | 40-45 years | ≥46 years |
| <b>Irkutsk</b>                                       |              |           |            |           |             |           |            |             |           |
| <i>Someone injured because of drinking</i>           |              |           |            |           |             |           |            |             |           |
| Yes (not past year)                                  | 4.0          | 11.0      | 1.4        | 13.3      | -           | 16.7      | -          | -           | 5.9       |
| Yes (past year)                                      | 2.0          | 3.7       | 1.4        | 6.7       | -           | -         | 2.7        | -           | -         |
| <i>Someone concerned about respondent's drinking</i> |              |           |            |           |             |           |            |             |           |
| Yes (not past year)                                  | 2.0          | 7.0       | -          | 6.7       | -           | 16.7      | -          | -           | -         |
| Yes (past year)                                      | 3.0          | 11.1      | -          | 13.3      | -           | 16.7      | -          | -           | -         |
| <b>Total (N)</b>                                     | <b>99</b>    | <b>27</b> | <b>72</b>  | <b>15</b> | <b>6</b>    | <b>6</b>  | <b>37</b>  | <b>18</b>   | <b>17</b> |
| <b>Ivanovo</b>                                       |              |           |            |           |             |           |            |             |           |
| <i>Someone injured because of drinking</i>           |              |           |            |           |             |           |            |             |           |
| Yes (not past year)                                  | 3.0          | 3.8       | 2.7        | -         | 10.0        | -         | 7.4        | -           | -         |
| Yes (past year)                                      | 1.0          | 3.8       | -          | 12.5      | -           | -         | -          | -           | -         |

| Consequences   | All adults<br>% | Male<br>(%) | Female<br>(%) | Male (%)     |                |              | Female (%)   |                |              |
|--|-----------------|-------------|---------------|--------------|----------------|--------------|--------------|----------------|--------------|
|  |                 |             |               | ≤39<br>years | 40-45<br>years | ≥46<br>years | ≤39<br>years | 40-45<br>years | ≥46<br>years |
| <i>Someone concerned about respondent's drinking</i> |                 |             |               |              |                |              |              |                |              |
| Yes (not past year)                                  | -               | -           | -             | -            | -              | -            | -            | -              | -            |
| Yes (past year)                                      | 6.0             | 11.5        | 4.1           | 12.5         | 20.0           | -            | 7.4          | 3.4            | -            |
| <b>Total (N)</b>                                     | <b>100</b>      | <b>26</b>   | <b>74</b>     | <b>8</b>     | <b>10</b>      | <b>8</b>     | <b>27</b>    | <b>29</b>      | <b>18</b>    |
| <b>Lublino District</b>                              |                 |             |               |              |                |              |              |                |              |
| <i>Someone injured because of drinking</i>           |                 |             |               |              |                |              |              |                |              |
| Yes (not past year)                                  | 4.7             | 13.6        | 2.4           | -            | 25.0           | 10.0         | 3.4          | -              | 3.6          |
| Yes (past year)                                      | 1.9             | 9.1         | -             | 25.0         | 12.5           | -            | -            | -              | -            |
| <i>Someone concerned about respondent's drinking</i> |                 |             |               |              |                |              |              |                |              |
| Yes (not past year)                                  | 2.8             | 9.1         | 1.2           | -            | 12.5           | 10.0         | -            | 3.7            | -            |
| Yes (past year)                                      | 6.6             | 18.2        | 3.6           | -            | 25.0           | 20.0         | -            | 7.4            | 3.6          |
| <b>Total (N)</b>                                     | <b>106</b>      | <b>22</b>   | <b>84</b>     | <b>4</b>     | <b>8</b>       | <b>10</b>    | <b>29</b>    | <b>27</b>      | <b>28</b>    |

**Table 8: Frequency of occurrences of alcohol dependence in the Adult KAP Survey in the 12 months before the survey by gender**

| Occurrences of<br>alcohol dependence             | Irkutsk (%)   |      |        | Ivanovo (%)   |      |        | Lublino District (%) |      |        |
|--|---------------|------|--------|---------------|------|--------|----------------------|------|--------|
|  | All<br>adults | Male | Female | All<br>adults | Male | Female | All<br>adults        | Male | Female |
| <b>Unable to stop drinking after first drink</b> |               |      |        |               |      |        |                      |      |        |
| Less than monthly                                | 1.0           | -    | 1.4    | 1.0           | -    | 1.4    | 1.9                  | 4.5  | 1.2    |
| Monthly  | 1.0           | -    | 1.4    | -             | -    | -      | 0.9                  | -    | 1.2    |
| Weekly   | -             | -    | -      | 2.0           | -    | 2.7    | 0.9                  | 4.5  | -      |
| (Almost) daily                                   | -             | -    | -      | 1.0           | 3.8  | -      | -                    | -    | -      |
| <b>Neglect responsibilities due to drinking</b>  |               |      |        |               |      |        |                      |      |        |
| Less than monthly                                | 2.0           | 3.7  | 1.4    | 8.0           | 15.4 | 5.4    | 7.5                  | 13.6 | 6.0    |
| Monthly  | -             | -    | -      | 1.0           | -    | 1.4    | -                    | -    | -      |
| Weekly   | -             | -    | -      | -             | -    | -      | 0.9                  | 4.5  | -      |
| (Almost) daily                                   | -             | -    | -      | 1.0           | 3.8  | -      | -                    | -    | -      |
| <b>Early morning drinking</b>                    |               |      |        |               |      |        |                      |      |        |
| Less than monthly                                | -             | -    | -      | 6.0           | 15.4 | 2.7    | 6.6                  | 18.2 | 3.6    |
| Monthly  | 1.0           | 3.7  | -      | -             | -    | -      | 2.8                  | 4.5  | 2.4    |
| Weekly   | -             | -    | -      | -             | -    | -      | 0.9                  | 4.5  | -      |
| (Almost) daily                                   | -             | -    | -      | -             | -    | -      | -                    | -    | -      |
| <b>Feelings of guilt/remorse after drinking</b>  |               |      |        |               |      |        |                      |      |        |
| Less than monthly                                | 8.1           | 14.8 | 5.6    | 13.0          | 26.9 | 8.1    | 6.6                  | 9.1  | 6.0    |
| Monthly  | 2.0           | 3.7  | 1.4    | -             | -    | -      | 1.9                  | -    | 2.4    |
| Weekly   | 1.0           | 4.0  | -      | -             | -    | -      | 0.9                  | 4.5  | -      |
| (Almost) daily                                   | 3.0           | 11.1 | -      | 2.0           | -    | 2.7    | -                    | -    | -      |

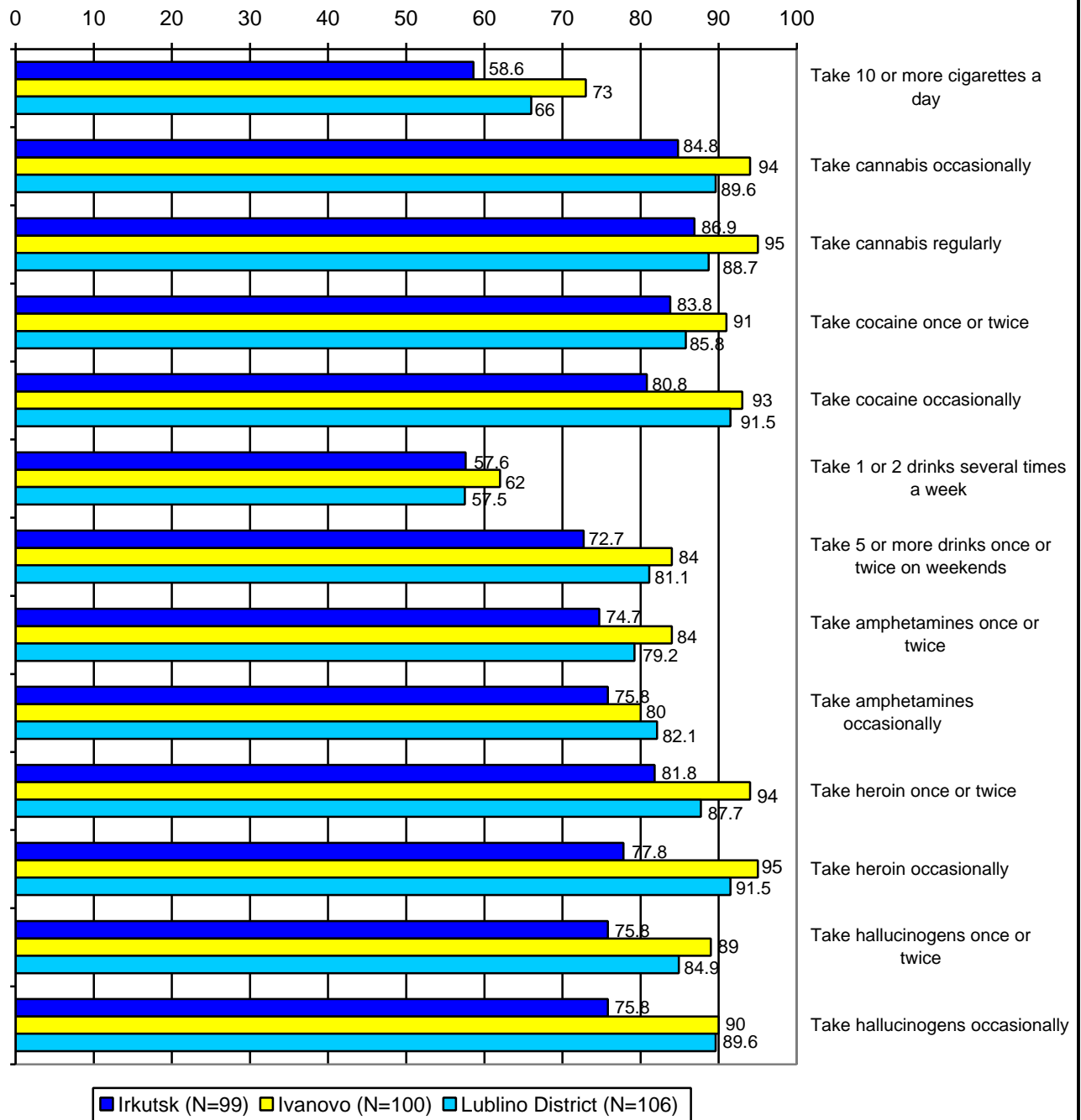
| Occurrences of alcohol dependence | Irkutsk (%) |           |           | Ivanovo (%) |           |           | Lublino District (%) |           |           |
|-----------------------------------|-------------|-----------|-----------|-------------|-----------|-----------|----------------------|-----------|-----------|
|                                   | All adults  | Male      | Female    | All adults  | Male      | Female    | All adults           | Male      | Female    |
| <b>Memory loss after drinking</b> |             |           |           |             |           |           |                      |           |           |
| Less than monthly.....            | 3.0         | 11.1      | -         | 6.0         | 11.5      | 4.1       | 7.5                  | 13.6      | 6.0       |
| Monthly .....                     | 1.0         | -         | 1.4       | 1.0         | 3.8       | -         | 0.9                  | -         | 1.2       |
| Weekly.....                       | -           | -         | -         | -           | -         | -         | -                    | -         | -         |
| (Almost) daily.....               | 1.0         | -         | 1.4       | -           | -         | -         | -                    | -         | -         |
| <b>Total (N)</b> .....            | <b>99</b>   | <b>27</b> | <b>72</b> | <b>100</b>  | <b>26</b> | <b>74</b> | <b>106</b>           | <b>22</b> | <b>84</b> |

(c) *Attitudes/views on substance use and knowledge/awareness of the legal status of substances*

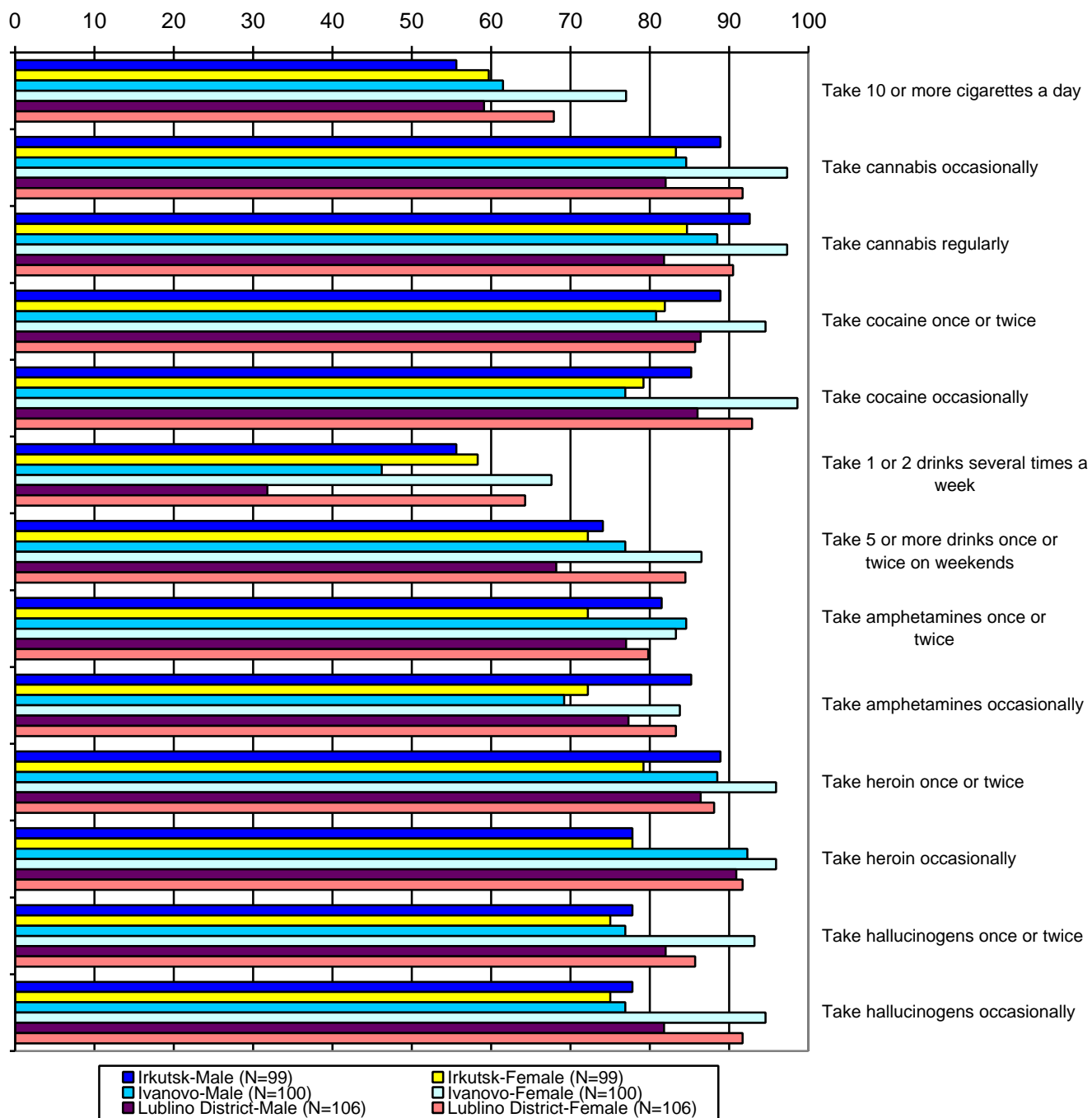
**Approval of substance use**

Figures 7 and 8 indicate that approval of youth substance use was the exception rather than the rule in the adult KAP survey. Respondents who expressed approval were particularly males, especially in Irkutsk and Lublino District. Approval was also especially expressed with regard to alcohol, cigarettes and to a lesser extent amphetamines. Between 24.2% and 42.4% of the respondents in Irkutsk approved youth use of alcohol and/or cigarettes and/or amphetamines; the corresponding percentages in Lublino District were 17.9% and 42.5%, and in Ivanovo 16.0% and 38.0%. Approval of youth cannabis use was particularly common among males in Lublino District. Eighteen percent (18.0%) of the male respondents in Lublino District approved occasional cannabis use and 18.2% regular cannabis use. In Ivanovo 19.2% of the male respondents approved “trying cocaine once or twice” and 23.1% approved occasional cocaine use. Approval of youth use of heroin and/or hallucinogens among females in Irkutsk was between 20.8% and 25.0%.

**Figure 7: (Strong) disapproval of youth indulging in substance use in the Adult KAP Survey-percentages**



**Figure 8: (Strong) disapproval of youth indulging in substance use in the Adult KAP Survey by gender-percentages**

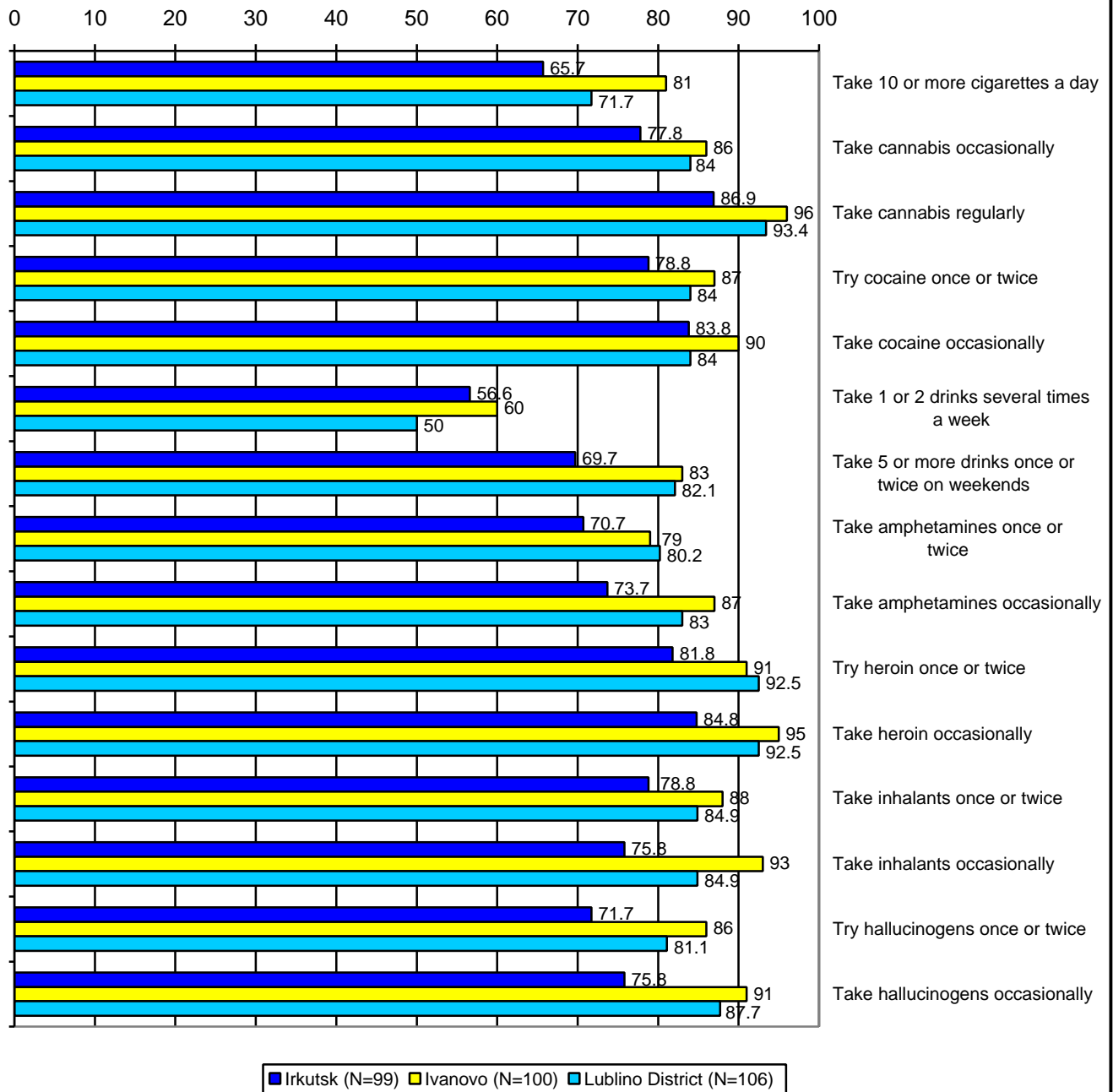


### **View that substance use entails a moderate or great risk**

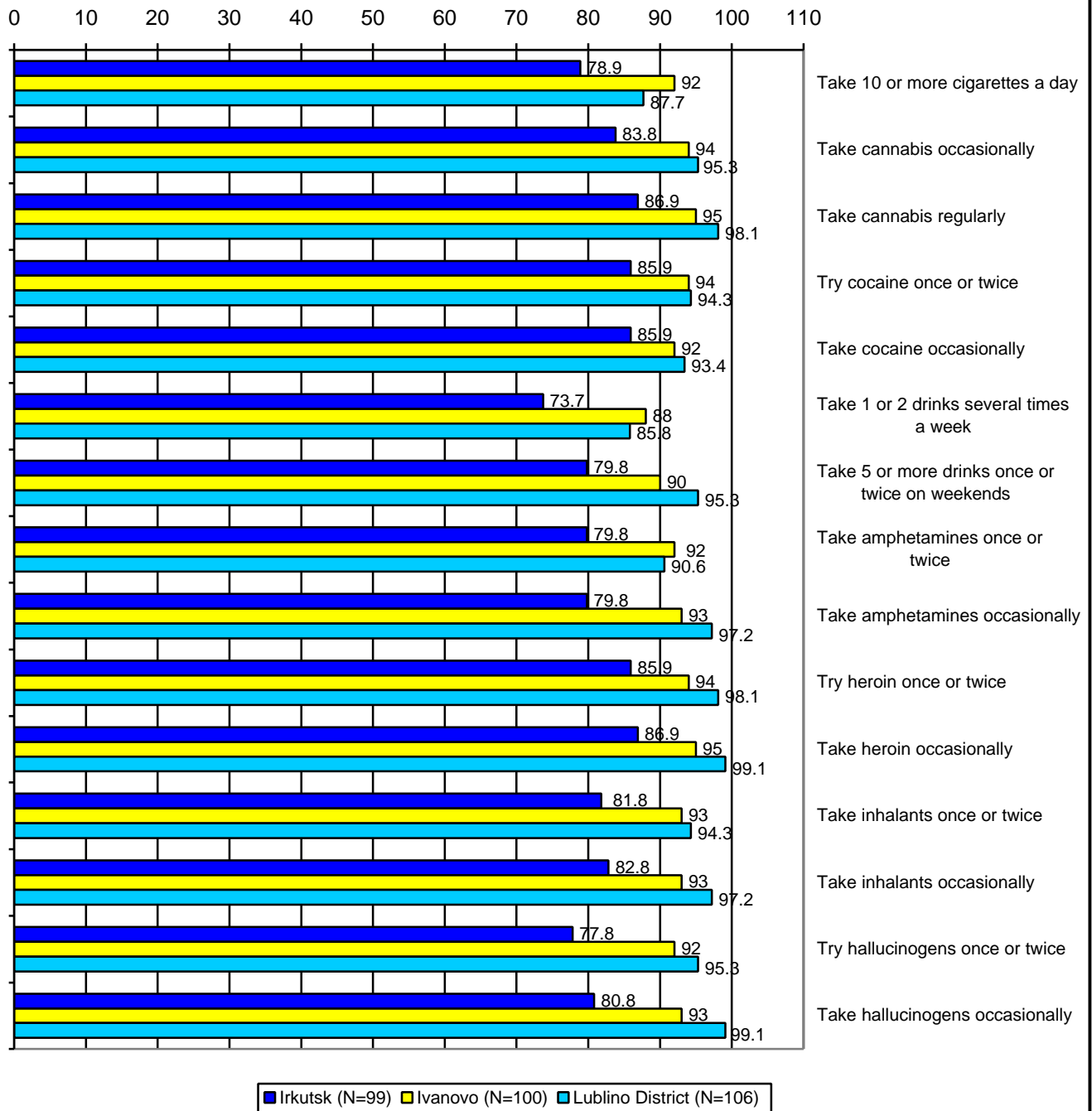
Figures 9 and 10 show that generally most of the adult respondents in all three sites viewed the use of psychoactive substances as potentially entailing a moderate/great risk, especially if indulged in by young people. In all three sites the proportions (between 50.0% and 60.0%) that indicated regular use of alcohol (one or two drinks several times a week) by adults as risky were distinctly smaller than the proportions (between 65.7% and 95.0%) that indicated other types of substance use by adults as risky (Figure 9). Respondents in Lublino District were, however, less inclined to indicate regular drinking by adults as entailing risk than the respondents in the other two sites (Figure 9). Furthermore, in all three sites and with regard to adult users, the respondents were more inclined to view the use of cannabis and cocaine as risky than the use of amphetamines (Figure 9).

Except for heavy cigarette use, taking one or two drinks several times a week and taking hallucinogens once or twice, at least 80.0% of the respondents in the various sites indicated that youth use of substances entailed risk (Figure 10).

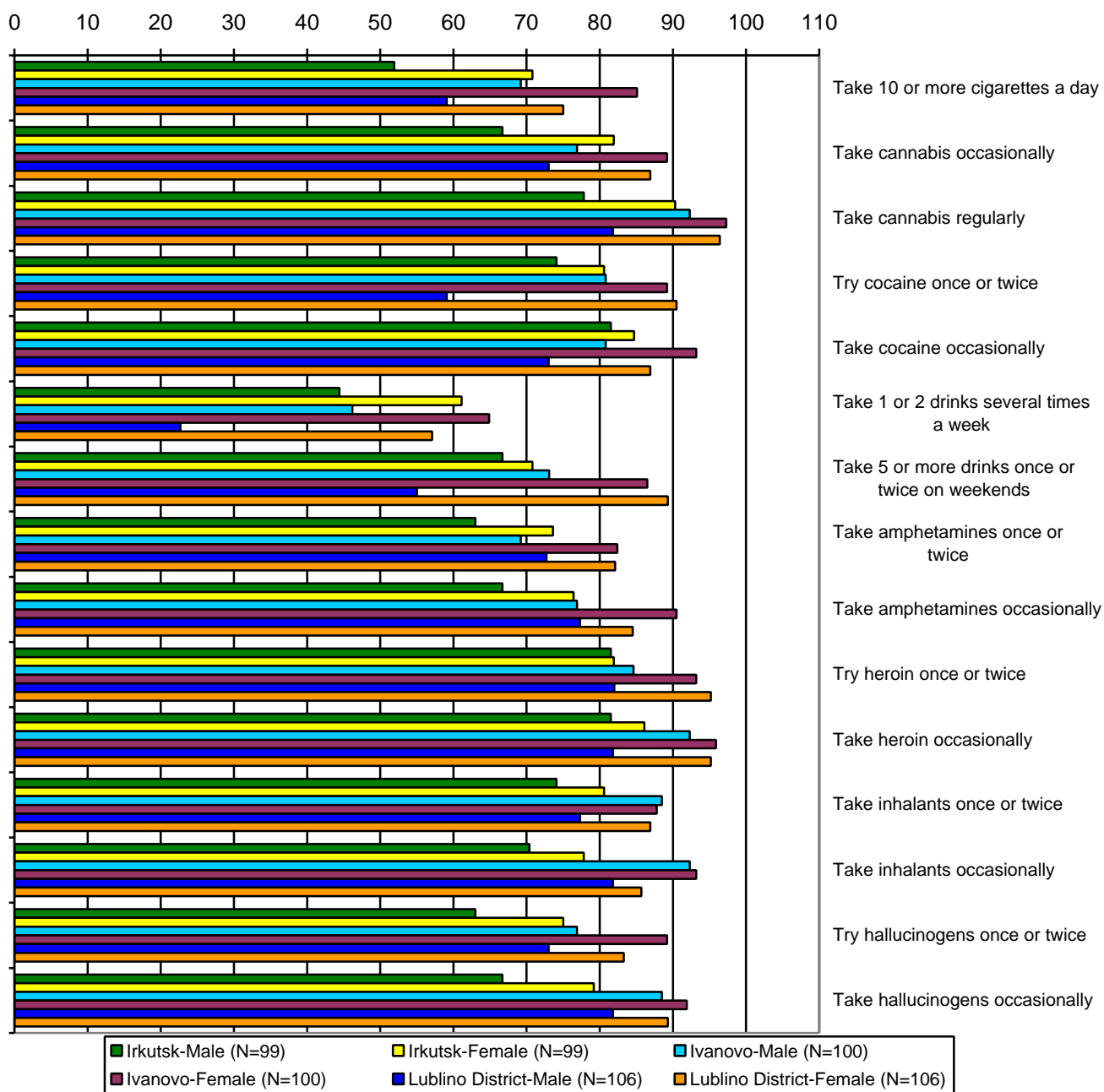
**Figure 9: Psychoactive substance use by adults viewed as a moderate/great risk in the Adult KAP Survey-percentages**



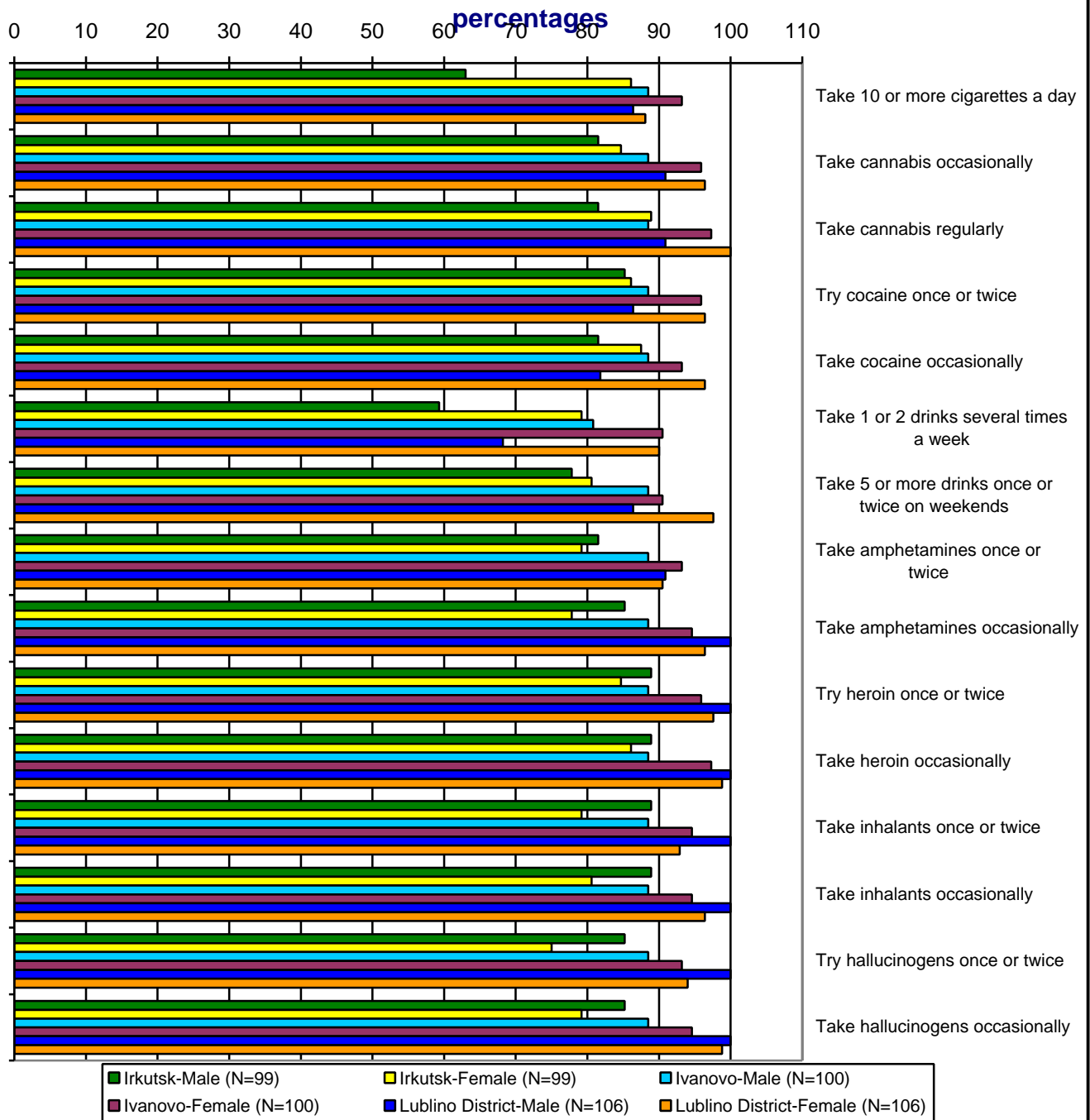
**Figure 10: Psychoactive substance use by young people viewed as a moderate/great risk in the Adult KAP Survey-percentages**



**Figure 11: Psychoactive substance use by adults viewed as a moderate/great risk in the Adult KAP Survey by gender-percentages**



**Figure 12: Psychoactive substance use by young people viewed as a moderate/great risk in the Adult KAP Survey by gender-**



### 3.2.3 Youth survey

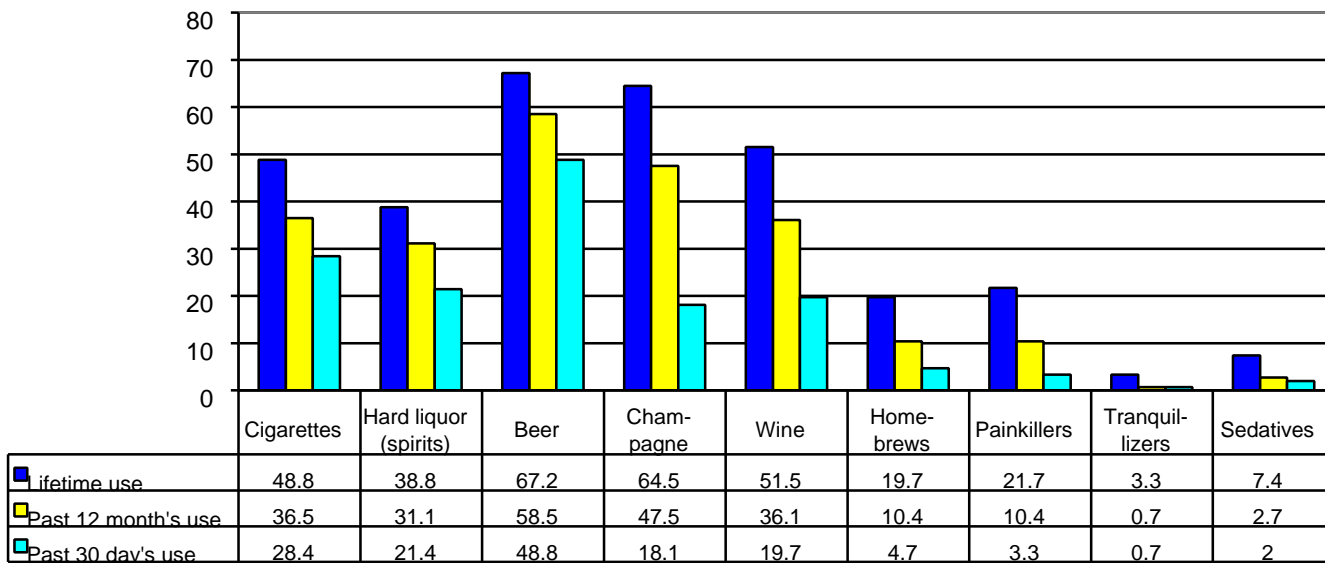
#### (a) *Lifetime and current (past 12 months' and past 30 days') substance use*

Figures 13 to 16 show the extent to which the respondents in the youth KAP survey admitted substance use. In all three sites a variety of substances was reported, especially commercial alcohol (and in particular beer), cigarettes and painkillers. Across sites cannabis was the most commonly reported illicit substance. Lifetime use of cannabis, heroin and cocaine was particularly prevalent in Irkutsk, with 16.1% admitting the use of cannabis, 2.3% the use of heroin and 1.3% the use of cocaine. Lifetime use of hallucinogens (1.6%) and drug injecting (1.3%) was particularly reported in Lublino District, and ecstasy (1.3%) and amphetamines (0.3) in Ivanovo.

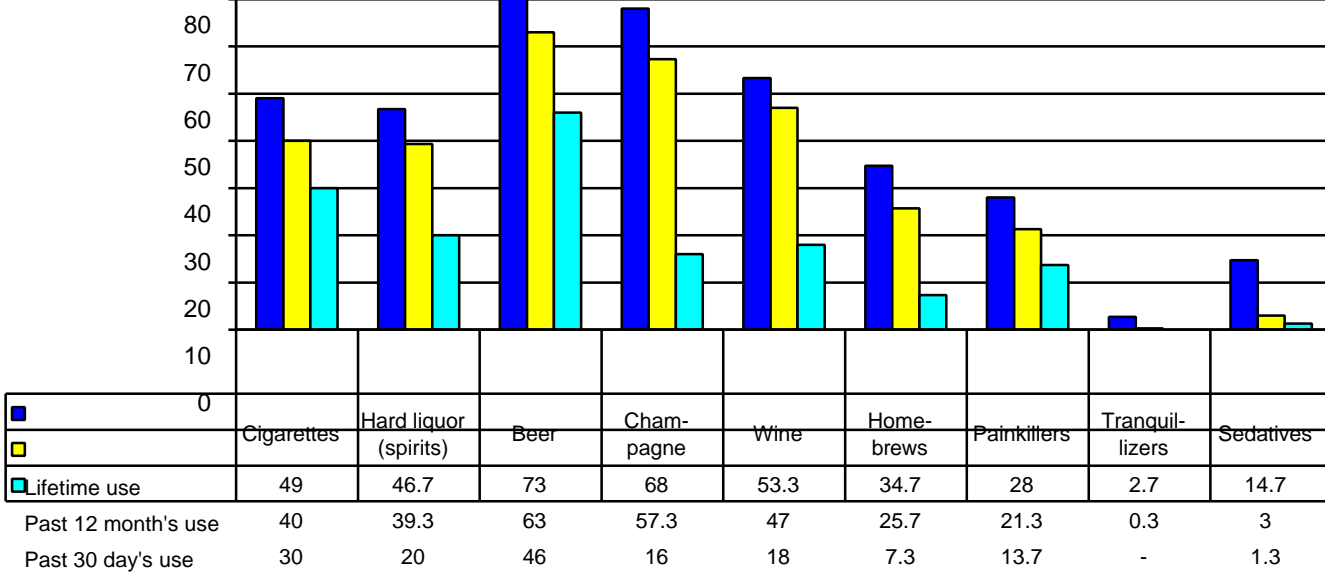
Tables 9 and 10 show gender and age differences among the respondents who admitted substance use. Whereas males generally predominated among lifetime users of illicit substances in all three sites, more complex gender variations occurred among lifetime users of the other substances. For example, in Irkutsk males predominated among youngsters who admitted lifetime substance use, except with regard to painkillers, sedatives, and to a lesser extent in the case of champagne and wine. In Ivanovo, males predominated among lifetime cigarette users; females predominated among youth lifetime users of hard liquor, champagne, wine and painkillers; and about equal proportions of males and females admitted lifetime use of beer, tranquillizers, cocaine, ecstasy and to a lesser extent homebrews, sedatives and cannabis. In Lublino District, females rather than males admitted lifetime use of champagne, wine, painkillers, tranquillizers and sedatives, and about equal proportions of males and females admitted lifetime injecting drug use. Across sites female rather than males reported lifetime use of painkillers.

The mean age of the youngsters who admitted lifetime substance use was 15.6 years (15.3 years among males and 15.9 years among females) in the case of tobacco users, 15.8 years (15.0 years for males and 16.4 years for females) in respect of alcohol users, and 16.7 years (16.3 years for males and 17.1 years for females) in respect of cannabis users. Substance use also tended to be a long-term rather than a short-term practice, specifically in respect of the most commonly reported substances. Most of the respondents who admitted lifetime use of beer, champagne, wine, hard liquor and cigarettes also admitted past 12 months' use.

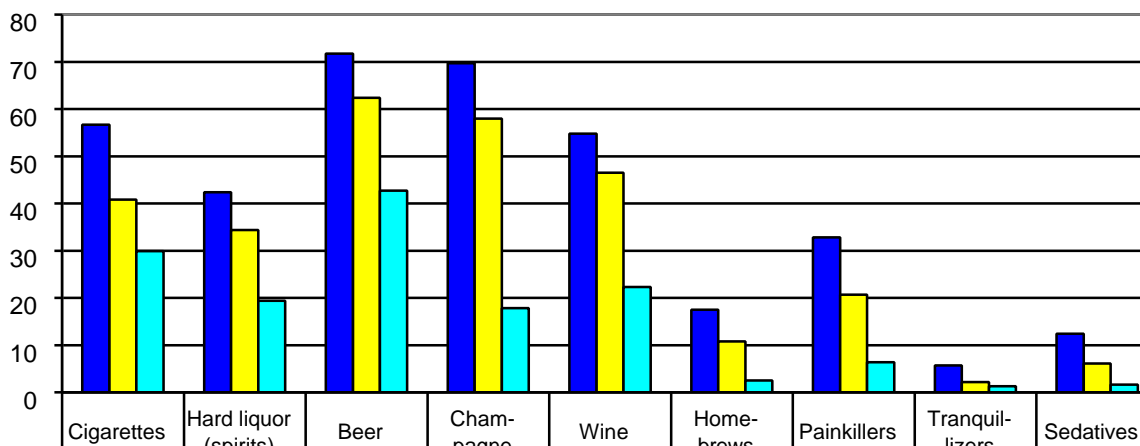
**Figure 13: Licit substance use (including prescription medicine) in the Youth KAP Survey in Irkutsk (N=299)-percentages**



**Figure 14: Licit substance use (including prescription medicine) in the Youth KAP Survey in Ivanovo (N=300)-percentages**

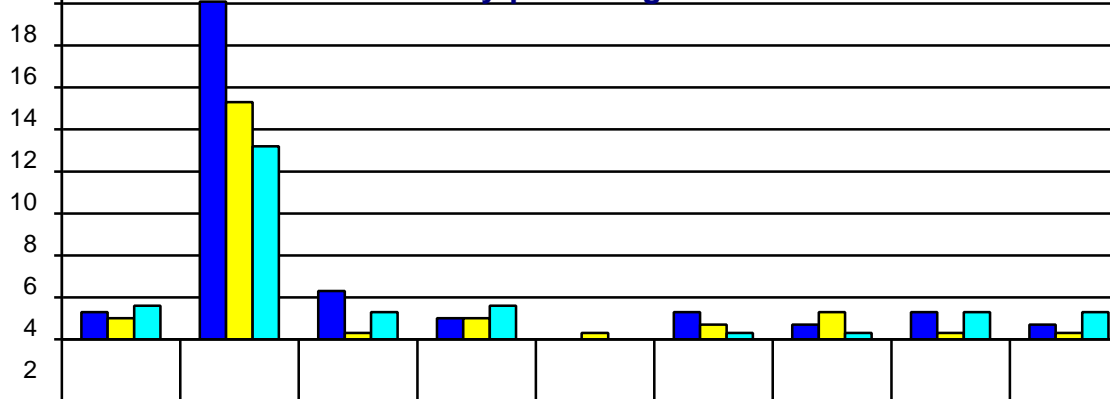


**Figure 15: Licit substance use (including prescription medicine) in the Youth KAP Survey in Lublino District (N=304)-percentages**



|                     |      |      |      |      |      |      |      |     |      |
|---------------------|------|------|------|------|------|------|------|-----|------|
| lifetime use        | 56.7 | 42.4 | 71.7 | 69.7 | 54.8 | 17.5 | 32.8 | 5.7 | 12.4 |
| Past 12 month's use | 40.8 | 34.4 | 62.4 | 58   | 46.5 | 10.8 | 20.7 | 2.2 | 6.1  |
| Past 30 day's use   | 29.9 | 19.4 | 42.7 | 17.8 | 22.3 | 2.5  | 6.4  | 1.3 | 1.6  |

**Figure 16: Lifetime use of inhalants and illicit substances in the Youth KAP Survey-percentages**



|                          |     |      |     |     |     |     |     |     |     |
|--------------------------|-----|------|-----|-----|-----|-----|-----|-----|-----|
| Irkutsk (N=299)          | 1.3 | 16.1 | 2.3 | 1   | -   | 1.3 | 0.7 | 1.3 | 0.7 |
| Ivanovo (N=300)          | 1   | 11.3 | 0.3 | 1   | 0.3 | 0.7 | 1.3 | 0.3 | 0.3 |
| Lublino District (N=304) | 1.6 | 9.2  | 1.3 | 1.6 | -   | 0.3 | 0.3 | 1.3 | 1.3 |

**Table 9: Substance use in the Youth KAP Survey by gender**

| Substance                    | Irkutsk (%) |            | Ivanovo (%) |            | Lublino District (%) |            |
|------------------------------|-------------|------------|-------------|------------|----------------------|------------|
|                              | Male        | Female     | Male        | Female     | Male                 | Female     |
| <b>Cigarettes</b>            |             |            |             |            |                      |            |
| Lifetime .....               | 65.7        | 34.0       | 55.0        | 44.4       | 59.3                 | 53.9       |
| Past 12 months.....          | 45.7        | 28.3       | 41.2        | 39.1       | 44.4                 | 36.8       |
| <b>Hard liquor (spirits)</b> |             |            |             |            |                      |            |
| Lifetime .....               | 52.1        | 27.0       | 41.2        | 50.9       | 42.0                 | 42.8       |
| Past 12 months.....          | 45.0        | 18.9       | 36.6        | 41.4       | 35.8                 | 32.9       |
| <b>Beer</b>                  |             |            |             |            |                      |            |
| Lifetime .....               | 77.9        | 57.9       | 74.0        | 72.2       | 71.6                 | 71.7       |
| Past 12 months.....          | 67.9        | 50.3       | 61.1        | 64.5       | 63.6                 | 61.2       |
| <b>Champagne</b>             |             |            |             |            |                      |            |
| Lifetime .....               | 65.7        | 63.5       | 62.6        | 72.2       | 64.8                 | 75.0       |
| Past 12 months.....          | 50.0        | 45.3       | 50.4        | 62.7       | 54.9                 | 61.2       |
| <b>Wine</b>                  |             |            |             |            |                      |            |
| Lifetime .....               | 55.0        | 48.4       | 45.8        | 59.2       | 51.2                 | 58.6       |
| Past 12 months.....          | 38.6        | 34.0       | 38.2        | 53.8       | 43.2                 | 50.0       |
| <b>Homebrews</b>             |             |            |             |            |                      |            |
| Lifetime .....               | 32.1        | 8.8        | 33.6        | 35.5       | 21.0                 | 13.8       |
| Past 12 months.....          | 17.9        | 3.8        | 26.0        | 25.4       | 13.6                 | 7.9        |
| <b>Painkillers</b>           |             |            |             |            |                      |            |
| Lifetime .....               | 15.0        | 27.7       | 24.4        | 30.8       | 25.3                 | 40.8       |
| Past 12 months.....          | 5.0         | 15.1       | 18.3        | 23.7       | 16.0                 | 25.7       |
| <b>Tranquillizers</b>        |             |            |             |            |                      |            |
| Lifetime .....               | 4.3         | 2.5        | 2.3         | 3.0        | 3.7                  | 7.9        |
| Past 12 months.....          | 0.7         | 0.6        | -           | 0.6        | 1.2                  | 3.3        |
| <b>Sedatives</b>             |             |            |             |            |                      |            |
| Lifetime .....               | 7.1         | 7.5        | 16.0        | 13.6       | 9.3                  | 15.8       |
| Past 12 months.....          | 2.1         | 3.1        | 0.8         | 4.7        | 4.3                  | 7.9        |
| <b>Lifetime use</b>          |             |            |             |            |                      |            |
| Cannabis .....               | 26.4        | 6.9        | 10.7        | 11.8       | 11.7                 | 6.6        |
| Heroin.....                  | 4.3         | 0.6        | 0.8         | -          | 1.9                  | 0.7        |
| Hallucinogens .....          | 2.1         | -          | 1.5         | 0.6        | 3.1                  | -          |
| Amphetamines.....            | -           | -          | 0.8         | -          | -                    | -          |
| Cocaine.....                 | 2.9         | -          | 0.8         | 0.6        | 0.6                  | -          |
| Ecstasy.....                 | 1.4         | -          | 1.5         | 1.2        | 0.6                  | -          |
| Mixtures.....                | 2.9         | -          | 0.8         | -          | 1.9                  | 0.7        |
| Injections .....             | 1.4         | -          | 0.8         | -          | 1.2                  | 1.3        |
| Inhalants .....              | 2.9         | -          | 1.5         | 0.6        | 2.5                  | 0.7        |
| <b>TOTAL (N).....</b>        | <b>140</b>  | <b>159</b> | <b>131</b>  | <b>169</b> | <b>162</b>           | <b>152</b> |

**Table 10: Substance use in the Youth KAP Survey by gender and age**

| Substance                    | Irkutsk (%) |           |             |           |             |           |
|------------------------------|-------------|-----------|-------------|-----------|-------------|-----------|
|                              | 10-13 years |           | 14-16 years |           | 17-21 years |           |
|                              | Male        | Female    | Male        | Female    | Male        | Female    |
| <b>Cigarettes</b>            |             |           |             |           |             |           |
| Lifetime .....               | 29.3        | 14.5      | 73.6        | 54.7      | 89.1        | 40.5      |
| Past 12 months.....          | 4.9         | 13.0      | 50.9        | 39.6      | 76.1        | 40.5      |
| <b>Hard liquor (spirits)</b> |             |           |             |           |             |           |
| Lifetime .....               | 7.3         | 7.2       | 64.2        | 35.8      | 78.3        | 51.4      |
| Past 12 months.....          | 4.9         | 8.7       | 49.1        | 22.6      | 76.1        | 32.4      |
| <b>Beer</b>                  |             |           |             |           |             |           |
| Lifetime .....               | 53.7        | 36.2      | 90.6        | 69.8      | 84.8        | 81.1      |
| Past 12 months.....          | 31.7        | 27.5      | 79.2        | 67.9      | 87.0        | 67.6      |
| <b>Champagne</b>             |             |           |             |           |             |           |
| Lifetime .....               | 36.6        | 42.0      | 79.2        | 79.2      | 76.1        | 81.1      |
| Past 12 months.....          | 26.8        | 26.1      | 58.5        | 64.2      | 60.9        | 54.1      |
| <b>Wine</b>                  |             |           |             |           |             |           |
| Lifetime .....               | 19.5        | 20.3      | 66.0        | 71.7      | 73.9        | 67.6      |
| Past 12 months.....          | 12.2        | 15.9      | 41.5        | 43.4      | 58.7        | 54.1      |
| <b>Homebrews</b>             |             |           |             |           |             |           |
| Lifetime .....               | 2.4         | 2.9       | 30.2        | 7.5       | 60.9        | 21.6      |
| Past 12 months.....          | 2.4         | 1.4       | 17.0        | 3.8       | 32.6        | 8.1       |
| <b>Painkillers</b>           |             |           |             |           |             |           |
| Lifetime .....               | 2.4         | 18.8      | 17.0        | 32.1      | 23.9        | 37.8      |
| Past 12 months.....          | -           | 7.2       | 5.7         | 18.9      | 8.7         | 24.3      |
| <b>Tranquillizers</b>        |             |           |             |           |             |           |
| Lifetime .....               | -           | 1.4       | 1.9         | -         | 10.9        | 8.1       |
| Past 12 months.....          | -           | -         | -           | -         | 2.2         | 2.7       |
| <b>Sedatives</b>             |             |           |             |           |             |           |
| Lifetime .....               | 2.4         | 7.2       | 5.7         | 5.7       | 13.0        | 10.8      |
| Past 12 months.....          | -           | 5.8       | 1.9         | 1.9       | 4.3         | -         |
| <b>Lifetime use</b>          |             |           |             |           |             |           |
| Cannabis .....               | -           | -         | 26.4        | 15.1      | 50.0        | 8.1       |
| Heroin.....                  | -           | -         | 3.8         | -         | 8.7         | 2.7       |
| Hallucinogens.....           | -           | -         | 1.9         | -         | 4.3         | -         |
| Amphetamines.....            | -           | -         | -           | -         | -           | -         |
| Cocaine.....                 | -           | -         | 3.8         | -         | 4.3         | -         |
| Ecstasy.....                 | -           | -         | -           | -         | 4.3         | -         |
| Mixtures.....                | -           | -         | -           | -         | 8.7         | -         |
| Injections.....              | -           | -         | -           | -         | 4.3         | -         |
| Inhalants .....              | -           | -         | 1.9         | -         | 6.5         | -         |
| <b>TOTAL (N)</b> .....       | <b>41</b>   | <b>53</b> | <b>46</b>   | <b>69</b> | <b>53</b>   | <b>37</b> |

Table 10 (continued)

| Substance                    | Ivanovo (%) |           |             |           |             |           |
|------------------------------|-------------|-----------|-------------|-----------|-------------|-----------|
|                              | 10-13 years |           | 14-16 years |           | 17-21 years |           |
|                              | Male        | Female    | Male        | Female    | Male        | Female    |
| <b>Cigarettes</b>            |             |           |             |           |             |           |
| Lifetime .....               | 34.4        | 33.3      | 77.1        | 59.5      | 71.9        | 43.0      |
| Past 12 months.....          | 25.0        | 27.1      | 54.3        | 57.1      | 59.4        | 36.7      |
| <b>Hard liquor (spirits)</b> |             |           |             |           |             |           |
| Lifetime .....               | 17.2        | 25.0      | 62.9        | 54.8      | 65.6        | 64.6      |
| Past 12 months.....          | 12.5        | 25.0      | 57.1        | 47.6      | 62.5        | 48.1      |
| <b>Beer</b>                  |             |           |             |           |             |           |
| Lifetime .....               | 54.7        | 54.2      | 88.6        | 76.2      | 96.9        | 81.0      |
| Past 12 months.....          | 37.5        | 47.9      | 74.3        | 73.8      | 93.8        | 69.6      |
| <b>Champagne</b>             |             |           |             |           |             |           |
| Lifetime .....               | 43.8        | 56.3      | 74.3        | 71.4      | 87.5        | 82.3      |
| Past 12 months.....          | 32.8        | 41.7      | 62.9        | 69.0      | 71.9        | 72.2      |
| <b>Wine</b>                  |             |           |             |           |             |           |
| Lifetime .....               | 21.9        | 31.3      | 62.9        | 66.7      | 75.0        | 72.2      |
| Past 12 months.....          | 20.3        | 31.3      | 45.7        | 54.8      | 65.6        | 67.1      |
| <b>Homebrews</b>             |             |           |             |           |             |           |
| Lifetime .....               | 17.2        | 20.8      | 51.4        | 35.7      | 46.9        | 44.3      |
| Past 12 months.....          | 10.9        | 20.8      | 45.7        | 33.3      | 34.4        | 24.1      |
| <b>Painkillers</b>           |             |           |             |           |             |           |
| Lifetime .....               | 20.3        | 8.3       | 34.3        | 35.7      | 21.9        | 41.8      |
| Past 12 months.....          | 20.3        | 8.3       | 25.7        | 23.8      | 6.3         | 32.9      |
| <b>Tranquillizers</b>        |             |           |             |           |             |           |
| Lifetime .....               | -           | -         | -           | -         | 9.4         | 6.3       |
| Past 12 months.....          | -           | -         | -           | -         | -           | 1.3       |
| <b>Sedatives</b>             |             |           |             |           |             |           |
| Lifetime .....               | 15.6        | 8.3       | 14.3        | 16.7      | 18.8        | 15.2      |
| Past 12 months.....          | -           | -         | 2.9         | 2.4       | -           | 8.9       |
| <b>Lifetime use</b>          |             |           |             |           |             |           |
| Cannabis .....               | 4.7         | 4.2       | 11.4        | 14.3      | 21.9        | 15.2      |
| Heroin.....                  | 1.6         | -         | -           | -         | -           | -         |
| Hallucinogens.....           | 1.6         | -         | -           | -         | 3.1         | 1.3       |
| Amphetamines.....            | 1.6         | -         | -           | -         | -           | -         |
| Cocaine.....                 | 1.6         | -         | -           | -         | -           | 1.3       |
| Ecstasy.....                 | 1.6         | -         | -           | 2.4       | 3.1         | 1.3       |
| Mixtures.....                | 1.6         | -         | -           | -         | -           | -         |
| Injections.....              | 1.6         | -         | -           | -         | -           | -         |
| Inhalants .....              | 1.6         | -         | -           | -         | 3.1         | 1.3       |
| <b>TOTAL (N)</b> .....       | <b>64</b>   | <b>35</b> | <b>32</b>   | <b>48</b> | <b>42</b>   | <b>79</b> |

Table 10 (continued)

| Substance                    | Lublino District (%) |           |             |           |             |           |
|------------------------------|----------------------|-----------|-------------|-----------|-------------|-----------|
|                              | 10-13 years          |           | 14-16 years |           | 17-21 years |           |
|                              | Male                 | Female    | Male        | Female    | Male        | Female    |
| <b>Cigarettes</b>            |                      |           |             |           |             |           |
| Lifetime .....               | 20.5                 | 19.4      | 66.7        | 64.2      | 87.5        | 65.3      |
| Past 12 months.....          | 15.9                 | 13.9      | 47.4        | 47.8      | 70.0        | 38.8      |
| <b>Hard liquor (spirits)</b> |                      |           |             |           |             |           |
| Lifetime .....               | 6.8                  | 13.9      | 44.9        | 43.3      | 75.0        | 63.3      |
| Past 12 months.....          | 2.3                  | 8.3       | 35.9        | 34.3      | 72.5        | 49.0      |
| <b>Beer</b>                  |                      |           |             |           |             |           |
| Lifetime .....               | 40.9                 | 44.4      | 78.2        | 85.1      | 92.5        | 73.5      |
| Past 12 months.....          | 29.5                 | 27.8      | 70.5        | 73.1      | 87.5        | 69.4      |
| <b>Champagne</b>             |                      |           |             |           |             |           |
| Lifetime .....               | 43.2                 | 44.4      | 65.4        | 79.1      | 87.5        | 91.8      |
| Past 12 months.....          | 34.1                 | 25.0      | 56.4        | 64.2      | 75.0        | 83.7      |
| <b>Wine</b>                  |                      |           |             |           |             |           |
| Lifetime .....               | 22.7                 | 16.7      | 52.6        | 65.7      | 80.0        | 79.6      |
| Past 12 months.....          | 18.2                 | 5.6       | 44.9        | 56.7      | 67.5        | 73.5      |
| <b>Homebrews</b>             |                      |           |             |           |             |           |
| Lifetime .....               | 6.8                  | --        | 15.4        | 9.0       | 47.5        | 30.6      |
| Past 12 months.....          | 2.3                  | --        | 9.0         | 6.0       | 35.0        | 16.3      |
| <b>Painkillers</b>           |                      |           |             |           |             |           |
| Lifetime .....               | 20.5                 | 20.5      | 20.5        | 20.5      | 20.5        | 20.5      |
| Past 12 months.....          | 20.5                 | 20.5      | 20.5        | 20.5      | 20.5        | 20.5      |
| <b>Tranquillizers</b>        |                      |           |             |           |             |           |
| Lifetime .....               | -                    | 2.8       | 1.3         | 13.4      | 12.5        | 4.1       |
| Past 12 months.....          | -                    | -         | 1.3         | 7.5       | 2.5         | -         |
| <b>Sedatives</b>             |                      |           |             |           |             |           |
| Lifetime .....               | 6.8                  | 8.3       | 6.4         | 16.4      | 17.5        | 20.4      |
| Past 12 months.....          | 4.5                  | 8.3       | 2.6         | 7.5       | 7.5         | 8.2       |
| <b>Lifetime use</b>          |                      |           |             |           |             |           |
| Cannabis .....               | -                    | -         | 7.7         | 6.0       | 32.5        | 12.2      |
| Heroin.....                  | -                    | -         | -           | 1.5       | 7.5         | -         |
| Hallucinogens.....           | -                    | -         | 1.3         | -         | 10.0        | -         |
| Amphetamines.....            | -                    | -         | -           | -         | -           | -         |
| Cocaine.....                 | -                    | -         | -           | -         | 2.5         | -         |
| Ecstasy.....                 | -                    | -         | -           | -         | 2.5         | -         |
| Mixtures.....                | -                    | -         | -           | -         | 7.5         | 2.0       |
| Injections .....             | -                    | -         | -           | 1.5       | 5.0         | 2.0       |
| Inhalants .....              | -                    | -         | 1.3         | 1.5       | 7.5         | -         |
| <b>TOTAL (N)</b> .....       | <b>44</b>            | <b>78</b> | <b>40</b>   | <b>36</b> | <b>67</b>   | <b>49</b> |

*(b) Regular/heavy substance use*

Figures 17 to 19 and Tables 11 and 12 present the responses in the youth KAP survey on the frequency with which psychoactive substances were used in the 12 months before the survey. Regular use of substances, types of substances, age group and gender varied across sites. For example, with regard to the most commonly used substances, frequent use:

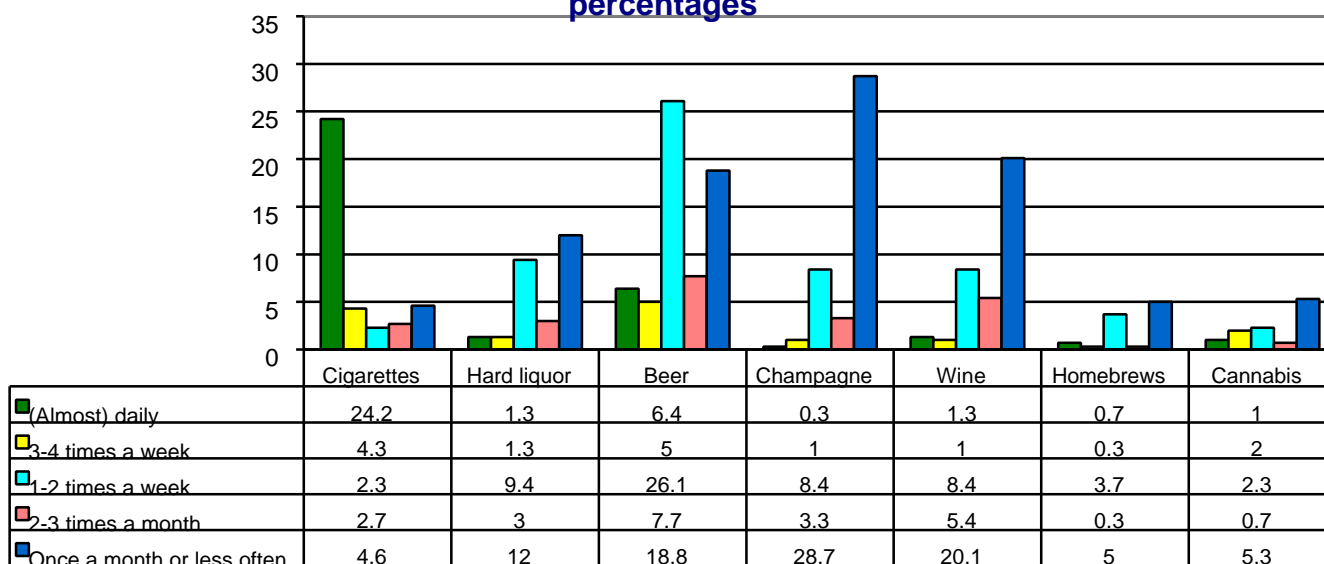
- was generally more prevalent in Irkutsk than in the other two sites (the respective proportions of respondents who admitted using particular substances on at least a weekly basis varied between 4.7% and 37.5% in Irkutsk, between 0.6% and 28.0% in Lublino District, and between 4.0% and 26.8% in Ivanovo);
- was particularly applicable to beer and cigarettes and to a lesser extent to hard liquor in Irkutsk and Lublino District, and to cigarettes, beer and wine in Ivanovo;
- particularly occurred in Irkutsk with regard to cannabis;
- tended to be a male rather than female phenomenon, except in Ivanovo and with regard to the use of hard liquor, champagne and wine;
- manifested (a) in Irkutsk among young female users of cigarettes and/or alcohol in particularly the age group 14-21 years, and among male users of cigarettes and/or alcohol in particularly the age group 17-21 years; (b) in Ivanovo among users of wine, home brews and to some extent champagne and cigarettes, as well as female users of beer in particularly mid-adolescence (14-16 years); and (c) in Lublino District among users of cigarettes and alcohol in especially late adolescence (17-21 years).

Many respondents in the youth KAP survey admitted smoking at least five cigarettes a day, i.e. 19.8% in Irkutsk, 20.4% in Lublino District and 24.0% in Ivanovo. Moreover, in Irkutsk 30.7% of the male and 9.1% of the female respondents admitted smoking at least five cigarettes a day in the 12 months before the survey; the corresponding percentages were 33.6% and 16.6% in Ivanovo and 28.4% and 11.9% in Lublino District.

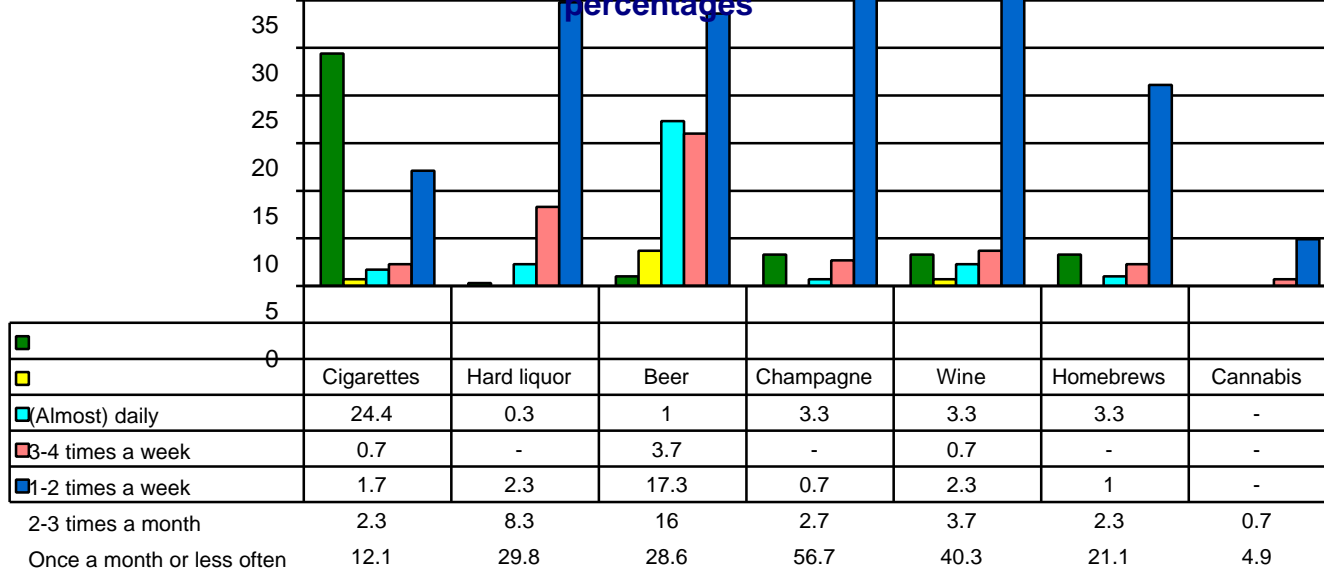
*(c) Age at first use of substances*

Tables 13 and 14 present the data collected in the youth KAP survey on the onset of substance use. In all three sites onset of the most commonly used substances (cigarettes, alcoholic beverages and cannabis) tended to take place in the age group 10-16 years.

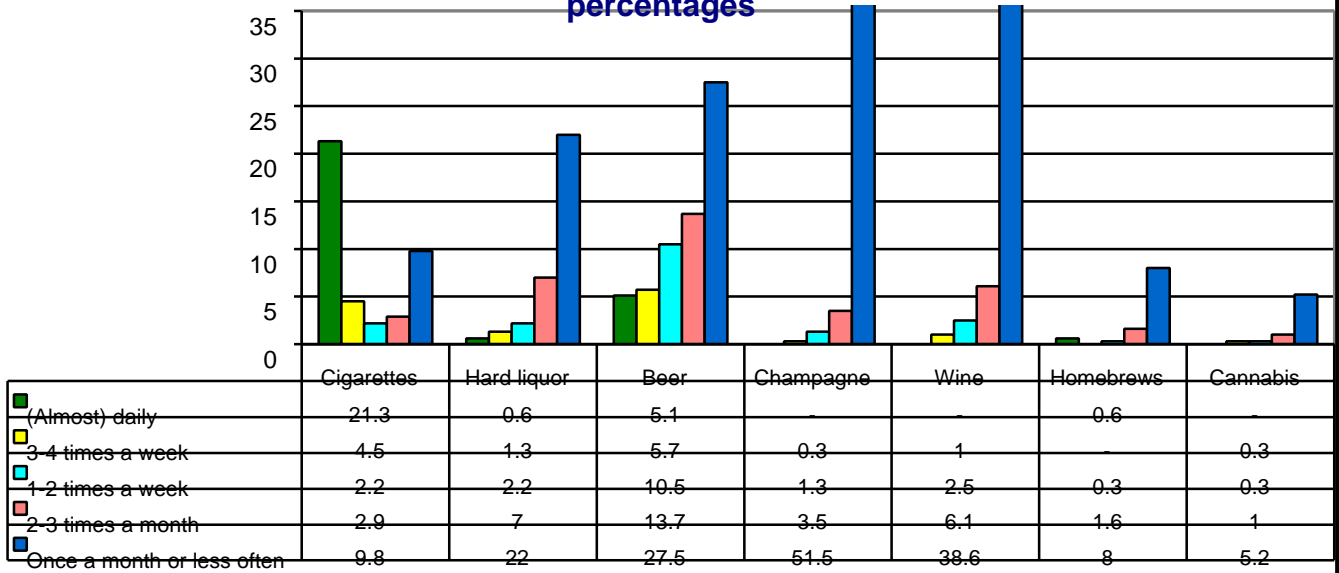
**Figure 17: Frequency of selected substance use in the Youth KAP Survey in Irkutsk (N=299) in the 12 months before the survey- percentages**



**Figure 18: Frequency of selected substance use in the Youth KAP Survey in Ivanovo (N=300) in the 12 months before the survey- percentages**



**Figure 19: Frequency of selected substance use in the Youth KAP Survey in Lublino District (N=314) in the 12 months before the survey- percentages**



**Table 11: Frequency of selected substance use in the Youth KAP Survey by gender in the 12 months before the survey**

| Frequency of use                   | Irkutsk (%) |            | Ivanovo (%) |            | Lublino District (%) |            |
|------------------------------------|-------------|------------|-------------|------------|----------------------|------------|
|                                    | Male        | Female     | Male        | Female     | Male                 | Female     |
| <b>Cigarettes</b>                  |             |            |             |            |                      |            |
| (Almost) daily.....                | 34.3        | 15.7       | 31.3        | 18.9       | 28.4                 | 13.8       |
| 1-4 days a week .....              | 5.0         | 8.1        | 1.5         | 3.0        | 5.6                  | 7.9        |
| 1-3 days a month .....             | 0.7         | 5.0        | 2.0         | 4.2        | 1.2                  | 5.3        |
| Less often than once a month ..... | 4.9         | 3.8        | 6.2         | 14.8       | 7.4                  | 11.8       |
| <b>Hard liquor (spirits)</b>       |             |            |             |            |                      |            |
| (Almost) daily.....                | 2.9         | -          | -           | 0.6        | 0.6                  | 0.7        |
| 1-4 days a week .....              | 17.1        | 5.0        | 2.3         | 2.4        | 3.8                  | 3.3        |
| 1-3 days a month .....             | 3.6         | 6.2        | 14.5        | 15.4       | 16.7                 | 12.5       |
| Less often than once a month ..... | 12.1        | 8.2        | 20.6        | 24.8       | 13.6                 | 15.1       |
| <b>Beer</b>                        |             |            |             |            |                      |            |
| (Almost) daily.....                | 10.7        | 2.5        | 0.8         | 1.2        | 6.8                  | 3.3        |
| 1-4 days a week .....              | 37.2        | 25.8       | 22.1        | 20.2       | 21.0                 | 11.2       |
| 1-3 days a month .....             | 12.1        | 13.2       | 19.9        | 26.1       | 21.6                 | 22.4       |
| Less often than once a month ..... | 10.7        | 16.4       | 19.2        | 23.1       | 15.4                 | 31.6       |
| <b>Champagne</b>                   |             |            |             |            |                      |            |
| (Almost) daily.....                | 0.7         | -          | 2.3         | 4.1        | -                    | -          |
| 1-4 days a week .....              | 9.2         | 9.4        | -           | 1.2        | 1.8                  | 1.3        |
| 1-3 days a month .....             | 2.8         | 7.5        | 6.0         | 12.4       | 5.0                  | 13.8       |
| Less often than once a month ..... | 22.1        | 30.9       | 43.6        | 54.5       | 48.2                 | 43.4       |
| <b>Wine</b>                        |             |            |             |            |                      |            |
| (Almost) daily.....                | 1.4         | 1.3        | 2.3         | 4.1        | -                    | -          |
| 1-4 days a week .....              | 10.7        | 8.2        | 2.3         | 3.6        | 5.0                  | 2.0        |
| 1-3 days a month .....             | 5.0         | 8.8        | 6.9         | 10.6       | 11.2                 | 17.1       |
| Less often than once a month ..... | 16.5        | 20.2       | 30.6        | 38.4       | 28.4                 | 32.8       |
| <b>Homemade liquor</b>             |             |            |             |            |                      |            |
| (Almost) daily.....                | 1.4         | -          | 2.3         | 4.1        | 0.6                  | 0.7        |
| 1-4 days a week .....              | 5.7         | 2.5        | 2.3         | -          | 0.6                  | -          |
| 1-3 days a month .....             | 1.4         | -          | 4.6         | 3.6        | 3.7                  | 1.4        |
| Less often than once a month ..... | 4.9         | 4.3        | 16.9        | 21.3       | 8.7                  | 6.6        |
| <b>Cannabis</b>                    |             |            |             |            |                      |            |
| (Almost) daily.....                | 2.1         | -          | -           | -          | -                    | -          |
| 1-4 days a week .....              | 7.9         | 1.2        | -           | -          | 1.2                  | -          |
| 1-3 days a month .....             | 2.0         | -          | 1.6         | 0.6        | 3.8                  | -          |
| Less often than once a month ..... | 7.8         | 2.6        | 4.6         | 4.8        | 4.4                  | 4.0        |
| <b>TOTAL (N)</b> .....             | <b>140</b>  | <b>159</b> | <b>131</b>  | <b>169</b> | <b>162</b>           | <b>152</b> |

**Table 12: Frequency of selected substance use in the Youth KAP Survey by gender and age in the 12 months before the survey**

| Frequency of use                   | 10-13 years |           | Irkutsk (%)         |           | 17-21 years |           |
|------------------------------------|-------------|-----------|---------------------|-----------|-------------|-----------|
|                                    | Male        | Female    | 14-16 years<br>Male | Female    | Male        | Female    |
| <b>Cigarettes</b>                  |             |           |                     |           |             |           |
| (Almost) daily.....                | 2.4         | 4.3       | 39.6                | 18.9      | 56.5        | 32.4      |
| 1-4 days a week .....              | -           | 4.3       | 5.7                 | 17.0      | 8.7         | 2.7       |
| 1-3 days a month .....             | -           | 1.4       | -                   | 9.4       | 2.2         | 5.4       |
| Less often than once a month ..... | 2.4         | 1.4       | 5.7                 | 3.8       | 6.6         | 8.1       |
| <b>Hard liquor (spirits)</b>       |             |           |                     |           |             |           |
| (Almost) daily.....                | -           | -         | 1.9                 | -         | 6.5         | -         |
| 1-4 days a week .....              | -           | 1.4       | 18.9                | 9.4       | 30.4        | 5.4       |
| 1-3 days a month .....             | -           | -         | 1.9                 | 9.5       | 8.7         | 13.5      |
| Less often than once a month ..... | 7.3         | 2.8       | 18.8                | 11.4      | 8.6         | 13.5      |
| <b>Beer</b>                        |             |           |                     |           |             |           |
| (Almost) daily.....                | 2.4         | -         | 13.2                | 5.7       | 15.2        | 2.7       |
| 1-4 days a week .....              | 9.7         | 11.6      | 45.2                | 37.8      | 52.2        | 35.1      |
| 1-3 days a month .....             | 12.2        | 1.4       | 13.2                | 18.8      | 10.8        | 27.0      |
| Less often than once a month ..... | 12.2        | 12.9      | 15.1                | 15.1      | 4.3         | 24.3      |
| <b>Champagne</b>                   |             |           |                     |           |             |           |
| (Almost) daily.....                | -           | -         | -                   | -         | 2.2         | -         |
| 1-4 days a week .....              | 2.4         | 4.3       | 11.3                | 17.0      | 13.0        | 8.1       |
| 1-3 days a month .....             | 4.8         | 2.9       | -                   | 15.1      | 4.4         | 5.4       |
| Less often than once a month ..... | 17.1        | 15.9      | 24.5                | 35.9      | 23.8        | 51.3      |
| <b>Wine</b>                        |             |           |                     |           |             |           |
| (Almost) daily.....                | -           | -         | 1.9                 | 3.8       | 2.2         | -         |
| 1-4 days a week .....              | 2.4         | 2.9       | 7.5                 | 13.2      | 20.7        | 10.8      |
| 1-3 days a month .....             | 2.4         | 1.4       | 1.9                 | 15.1      | 10.9        | 13.5      |
| Less often than once a month ..... | 9.7         | 7.2       | 20.8                | 24.5      | 17.4        | 37.8      |
| <b>Homebrews</b>                   |             |           |                     |           |             |           |
| (Almost) daily.....                | -           | -         | 1.9                 | -         | 2.2         | -         |
| 1-4 days a week .....              | -           | -         | 5.7                 | 5.7       | 10.9        | 2.7       |
| 1-3 days a month .....             | -           | -         | -                   | -         | 4.4         | -         |
| Less often than once a month ..... | -           | -         | 3.8                 | 5.7       | 10.8        | 10.8      |
| <b>Cannabis</b>                    |             |           |                     |           |             |           |
| (Almost) daily.....                | -           | -         | 1.9                 | -         | 4.3         | -         |
| 1-4 days a week .....              | -           | -         | 5.7                 | 1.9       | 17.4        | 2.7       |
| 1-3 days a month .....             | -           | -         | 1.9                 | -         | 4.4         | -         |
| Less often than once a month ..... | -           | -         | 11.4                | 7.6       | 10.8        | -         |
| <b>TOTAL (N)</b> .....             | <b>41</b>   | <b>53</b> | <b>46</b>           | <b>69</b> | <b>53</b>   | <b>37</b> |

Table 12 (continued)

| Frequency of use                   | Ivanovo (%) |           |             |           |             |           |
|------------------------------------|-------------|-----------|-------------|-----------|-------------|-----------|
|                                    | 10-13 years |           | 14-16 years |           | 17-21 years |           |
|                                    | Male        | Female    | Male        | Female    | Male        | Female    |
| <b>Cigarettes</b>                  |             |           |             |           |             |           |
| (Almost) daily.....                | 17.2        | 22.9      | 42.9        | 31.0      | 46.9        | 10.1      |
| 1-4 days a week .....              | 1.6         | -         | 2.9         | -         | -           | 6.3       |
| 1-3 days a month .....             | 1.6         | 2.1       | 2.9         | 4.8       | 3.1         | 5.1       |
| Less often than once a month ..... | 3.2         | 2.1       | 11.5        | 21.4      | 6.2         | 19.0      |
| <b>Hard liquor (spirits)</b>       |             |           |             |           |             |           |
| (Almost) daily.....                | -           | -         | -           | -         | -           | 1.3       |
| 1-4 days a week .....              | 1.6         | -         | 2.9         | 2.4       | 3.1         | 3.8       |
| 1-3 days a month .....             | 7.8         | 4.2       | 20.0        | 14.2      | 21.9        | 22.8      |
| Less often than once a month ..... | 4.7         | 16.7      | 37.1        | 26.1      | 34.4        | 29.2      |
| <b>Beer</b>                        |             |           |             |           |             |           |
| (Almost) daily.....                | -           | -         | -           | 2.4       | 3.1         | 1.3       |
| 1-4 days a week .....              | 6.3         | 22.9      | 34.3        | 28.6      | 40.7        | 14.0      |
| 1-3 days a month .....             | 12.5        | 8.4       | 17.1        | 21.4      | 37.5        | 39.2      |
| Less often than once a month ..... | 18.8        | 12.6      | 25.7        | 23.9      | 12.5        | 29.1      |
| <b>Champagne</b>                   |             |           |             |           |             |           |
| (Almost) daily.....                | 3.1         | 4.2       | 2.9         | 7.1       | -           | 2.5       |
| 1-4 days a week .....              | -           | -         | -           | -         | -           | 2.5       |
| 1-3 days a month .....             | 1.6         | 16.7      | 5.7         | 7.2       | 15.6        | 12.7      |
| Less often than once a month ..... | 28.2        | 29.3      | 51.5        | 62.0      | 65.7        | 65.8      |
| <b>Wine</b>                        |             |           |             |           |             |           |
| (Almost) daily.....                | 3.1         | 4.2       | 2.9         | 7.1       | -           | 2.5       |
| 1-4 days a week .....              | 1.6         | -         | 5.7         | 4.8       | -           | 5.0       |
| 1-3 days a month .....             | 3.2         | 4.2       | 8.6         | 4.8       | 12.5        | 17.8      |
| Less often than once a month ..... | 15.7        | 18.8      | 31.5        | 38.2      | 59.5        | 50.7      |
| <b>Homebrews</b>                   |             |           |             |           |             |           |
| (Almost) daily.....                | 3.1         | 4.2       | 2.9         | 7.1       | -           | 2.5       |
| 1-4 days a week .....              | 1.6         | -         | 2.9         | -         | 3.1         | -         |
| 1-3 days a month .....             | 4.7         | -         | 5.8         | 2.4       | 3.1         | 6.3       |
| Less often than once a month ..... | 1.6         | 16.7      | 31.4        | 23.9      | 31.4        | 22.8      |
| <b>Cannabis</b>                    |             |           |             |           |             |           |
| (Almost) daily.....                | -           | -         | -           | -         | -           | -         |
| 1-4 days a week .....              | -           | -         | -           | -         | -           | -         |
| 1-3 days a month .....             | -           | -         | -           | -         | 6.2         | 1.3       |
| Less often than once a month ..... | 3.1         | 4.2       | 8.6         | 9.5       | 3.1         | 2.6       |
| <b>TOTAL (N).....</b>              | <b>64</b>   | <b>35</b> | <b>32</b>   | <b>48</b> | <b>42</b>   | <b>79</b> |

Table 12 (continued)

| Frequency of use                   | Lublino District (%) |           |             |           |             |           |
|------------------------------------|----------------------|-----------|-------------|-----------|-------------|-----------|
|                                    | 10-13 years          |           | 14-16 years |           | 17-21 years |           |
|                                    | Male                 | Female    | Male        | Female    | Male        | Female    |
| <b>Cigarettes</b>                  |                      |           |             |           |             |           |
| (Almost) daily.....                | 4.5                  | 2.8       | 29.5        | 13.4      | 52.5        | 22.4      |
| 1-4 days a week .....              | -                    | 2.8       | 9.0         | 10.5      | 5.0         | 8.1       |
| 1-3 days a month .....             | 2.3                  | 2.8       | 1.3         | 6.0       | -           | 6.1       |
| Less often than once a month ..... | 9.1                  | 8.4       | 5.2         | 18.0      | 10.0        | 6.1       |
| <b>Hard liquor (spirits)</b>       |                      |           |             |           |             |           |
| (Almost) daily.....                | -                    | -         | -           | 1.5       | 2.5         | -         |
| 1-4 days a week .....              | -                    | -         | 1.3         | 1.5       | 12.5        | 8.1       |
| 1-3 days a month .....             | 2.3                  | 2.8       | 16.7        | 13.5      | 32.5        | 18.4      |
| Less often than once a month ..... | -                    | 5.6       | 15.4        | 14.9      | 25.0        | 22.5      |
| <b>Beer</b>                        |                      |           |             |           |             |           |
| (Almost) daily.....                | -                    | -         | 2.6         | 3.0       | 22.5        | 6.1       |
| 1-4 days a week .....              | 4.5                  | -         | 26.9        | 9.0       | 27.5        | 22.4      |
| 1-3 days a month .....             | 9.1                  | 13.9      | 26.9        | 28.3      | 25.0        | 20.4      |
| Less often than once a month ..... | 11.3                 | 14.0      | 17.9        | 31.3      | 15.0        | 18.4      |
| <b>Champagne</b>                   |                      |           |             |           |             |           |
| (Almost) daily.....                | -                    | -         | -           | -         | -           | -         |
| 1-4 days a week .....              | -                    | -         | 1.3         | -         | 5.0         | 4.1       |
| 1-3 days a month .....             | 4.6                  | 2.8       | 5.2         | 19.4      | 5.0         | 14.2      |
| Less often than once a month ..... | 25.0                 | 22.3      | 52.5        | 43.3      | 65.0        | 59.2      |
| <b>Wine</b>                        |                      |           |             |           |             |           |
| (Almost) daily.....                | -                    | -         | -           | -         | -           | -         |
| 1-4 days a week .....              | -                    | -         | 2.6         | 3.0       | 15.0        | 2.0       |
| 1-3 days a month .....             | 4.6                  | -         | 12.8        | 16.5      | 15.0        | 30.6      |
| Less often than once a month ..... | 16.0                 | 11.2      | 30.7        | 40.2      | 37.5        | 38.8      |
| <b>Homebrews</b>                   |                      |           |             |           |             |           |
| (Almost) daily.....                | -                    | -         | -           | -         | 2.5         | 2.0       |
| 1-4 days a week .....              | -                    | -         | -           | -         | 2.5         | -         |
| 1-3 days a month .....             | 2.3                  | -         | 5.2         | 1.5       | 2.5         | 2.0       |
| Less often than once a month ..... | 2.3                  | -         | 2.6         | 4.5       | 27.5        | 14.3      |
| <b>Cannabis</b>                    |                      |           |             |           |             |           |
| (Almost) daily.....                | -                    | -         | -           | -         | -           | -         |
| 1-4 days a week .....              | -                    | -         | 1.3         | -         | -           | -         |
| 1-3 days a month .....             | -                    | -         | 2.6         | -         | -           | -         |
| Less often than once a month ..... | -                    | 4.5       | 3.9         | 4.5       | -           | 6.1       |
| <b>TOTAL (N)</b> .....             | <b>44</b>            | <b>78</b> | <b>40</b>   | <b>36</b> | <b>67</b>   | <b>49</b> |

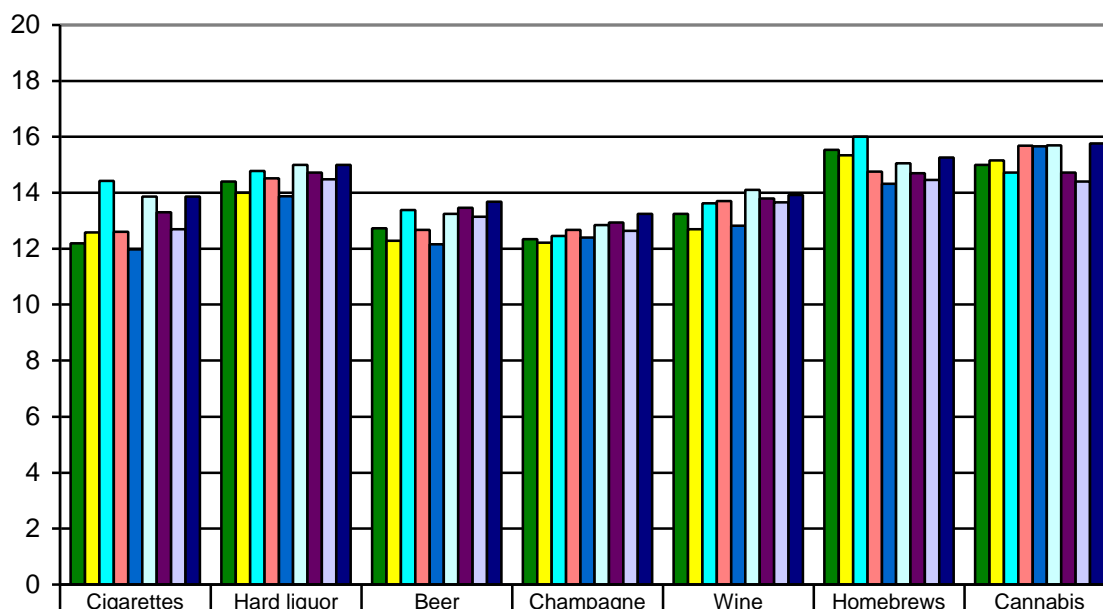
**Table 13: Age at first use of selected substances in the Youth KAP Survey**

| Age of first use                | Cigarettes<br>(%) | Hard liquor<br>(%) | Beer<br>(%) | Champagne<br>(%) | Wine<br>(%) | Homebrews<br>(%) | Cannabis<br>(%) |
|---------------------------------|-------------------|--------------------|-------------|------------------|-------------|------------------|-----------------|
| <b>Irkutsk (N=299)</b>          |                   |                    |             |                  |             |                  |                 |
| =10 years                       | 10.0              | 3.7                | 16.7        | 19.1             | 10.7        | 2.3              | 0.7             |
| 11-12 years                     | 13.7              | 6.0                | 22.4        | 20.1             | 13.0        | 1.0              | 1.0             |
| 13-14 years                     | 14.4              | 14.0               | 20.1        | 15.4             | 17.4        | 2.7              | 6.0             |
| 15-16 years                     | 8.0               | 9.7                | 9.4         | 5.7              | 9.0         | 6.0              | 5.7             |
| 17-18 years                     | 3.3               | 4.3                | 3.0         | 1.0              | 1.3         | 3.0              | 2.0             |
| =19 years                       | -                 | 0.7                | -           | -                | -           | 0.3              | -               |
| <b>Ivanovo (N=300)</b>          |                   |                    |             |                  |             |                  |                 |
| =10 years                       | 16.7              | 2.3                | 17.7        | 23.3             | 9.7         | 2.0              | -               |
| 11-12 years                     | 12.3              | 12.0               | 26.3        | 17.7             | 14.3        | 3.0              | 0.3             |
| 13-14 years                     | 8.0               | 13.3               | 18.0        | 21.7             | 15.3        | 16.3             | 2.3             |
| 15-16 years                     | 8.3               | 13.7               | 9.3         | 5.7              | 14.0        | 10.0             | 6.3             |
| 17-18 years                     | 5.0               | 6.0                | 5.3         | 3.7              | 4.3         | 5.7              | 0.7             |
| =19 years                       | 0.3               | 1.7                | 1.3         | 0.7              | 0.3         | 1.7              | -               |
| <b>Lublino District (N=304)</b> |                   |                    |             |                  |             |                  |                 |
| =10 years                       | 9.6               | 2.2                | 12.7        | 11.5             | 5.7         | 0.3              | -               |
| 11-12 years                     | 15.0              | 7.0                | 17.8        | 26.4             | 14.6        | 1.9              | 1.6             |
| 13-14 years                     | 25.2              | 14.0               | 28.0        | 24.5             | 23.6        | 7.6              | 3.5             |
| 15-16 years                     | 6.4               | 15.6               | 13.7        | 10.5             | 15.0        | 4.8              | 2.9             |
| 17-18 years                     | 0.6               | 3.2                | 1.3         | 0.6              | 0.3         | 2.2              | 1.0             |
| =19 years                       | -                 | 0.6                | 0.3         | 0.3              | 0.3         | 1.0              | 0.3             |



As shown in Figure 20, the median onset age for cigarettes was 12.2 years in Irkutsk, 12.6 years in Ivanovo and 13.3 years in Lublino District; the corresponding figures for champagne were 12.3, 12.7 and 12.9; for beer 12.7, 12.7 and 13.5; for wine 13.2, 13.7 and 13.8; for hard liquor 14.4, 14.5 and 14.7; and for cannabis 15.0, 15.7 and 14.7. Whereas males generally started substance use earlier than females, cannabis use was an exception in Irkutsk where females tended to start earlier; gender differences were also less marked in certain cases, e.g. regarding the onset of cannabis use in Ivanovo, champagne use in Irkutsk and Ivanovo, and the use of wine and beer in Lublino District.

**Figure 20: Median age at first use of selected substances in the Youth KAP Survey-percentages**



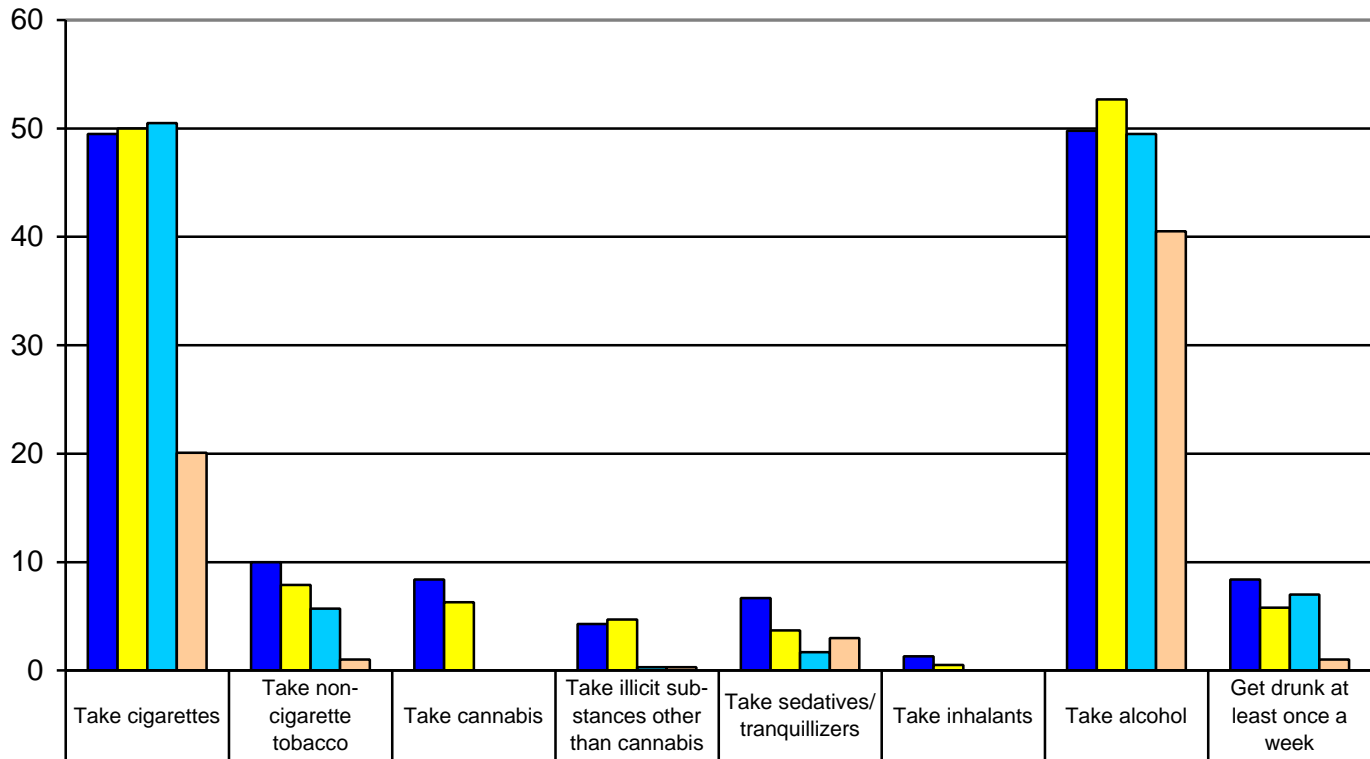
|                             | Cigarettes | Hard liquor | Beer  | Champagne | Wine  | Homebrews | Cannabis |
|-----------------------------|------------|-------------|-------|-----------|-------|-----------|----------|
| ■ Irkutsk: Sample           | 12.19      | 14.4        | 12.73 | 12.34     | 13.24 | 15.54     | 15       |
| ■ Irkutsk: Males            | 12.58      | 14          | 12.28 | 12.22     | 12.7  | 15.34     | 15.16    |
| ■ Irkutsk: Females          | 14.42      | 14.78       | 13.38 | 12.46     | 13.62 | 16        | 14.72    |
| ■ Ivanovo: Sample           | 12.61      | 14.52       | 12.67 | 12.67     | 13.7  | 14.76     | 15.68    |
| ■ Ivanovo: Males            | 11.98      | 13.88       | 12.16 | 12.4      | 12.82 | 14.32     | 15.66    |
| ■ Ivanovo: Females          | 13.86      | 15          | 13.24 | 12.85     | 14.1  | 15.06     | 15.7     |
| ■ Lublino District: Sample  | 13.3       | 14.72       | 13.46 | 12.94     | 13.8  | 14.7      | 14.72    |
| ■ Lublino District: Males   | 12.7       | 14.48       | 13.14 | 12.64     | 13.66 | 14.46     | 14.4     |
| ■ Lublino District: Females | 13.86      | 15          | 13.68 | 13.24     | 13.92 | 15.26     | 15.76    |

(d) *Substance use among significant others*

Figures 21 to 23 show that significant others (e.g. closest friend, father/mother, an older sibling) in the young people's lives tended to use substances. Across the three sites, this generally applied particularly to the use of cigarettes and alcohol. Across sites gender and age group variations also occurred. For example, in Lublino District, youngsters reported their closest friends rather than their older siblings and fathers/mothers as using substances—excluding cigarettes in respect of which fathers rather than older siblings, mothers or close friends of the relevant youngsters featured the strongest.

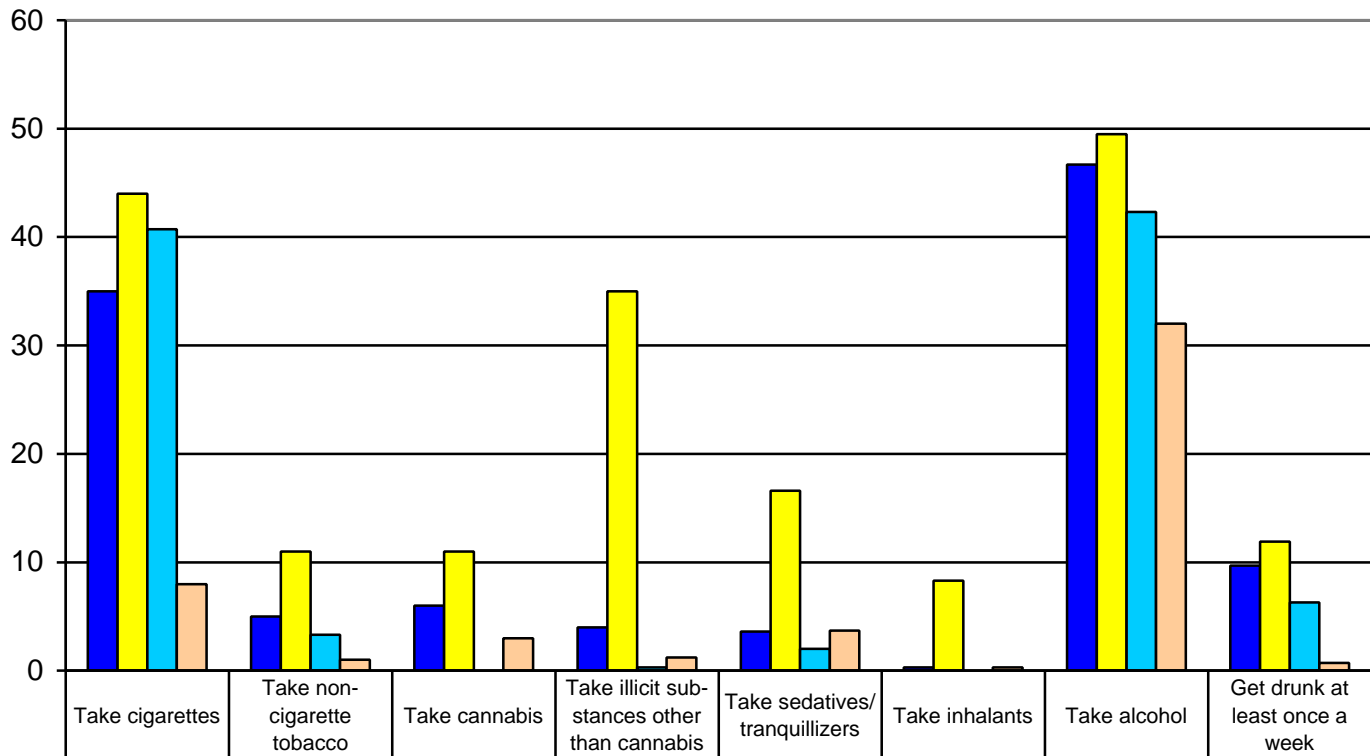
Drinking was more widespread among the significant others in the lives of youngsters in Lublino District than in the other two sites, i.e. between 41.1% and 59.9% of the respondents in Lublino District reported alcohol use among significant others in their lives; in Ivanovo the corresponding percentages were 32.0% and 49.5%, and in Irkutsk 40.5% and 52.1%. In Ivanovo and Irkutsk, the youngsters reported older siblings rather than parents and closest friends as alcohol users. In fact, notwithstanding a smaller proportion of youngsters in Ivanovo than in Irkutsk and Lublino District admitting having older siblings (in Ivanovo 36.3% of the respondents in the youth KAP survey admitted having older siblings, in Irkutsk 63.5% and in Lublino District 52.5%), older siblings were particularly the significant others in the lives of Ivanovo youngsters who used psychoactive substances.

**Figure 21: Substance use among significant others of the respondents in the Youth KAP Survey in Irkutsk (N=299)-percentages**



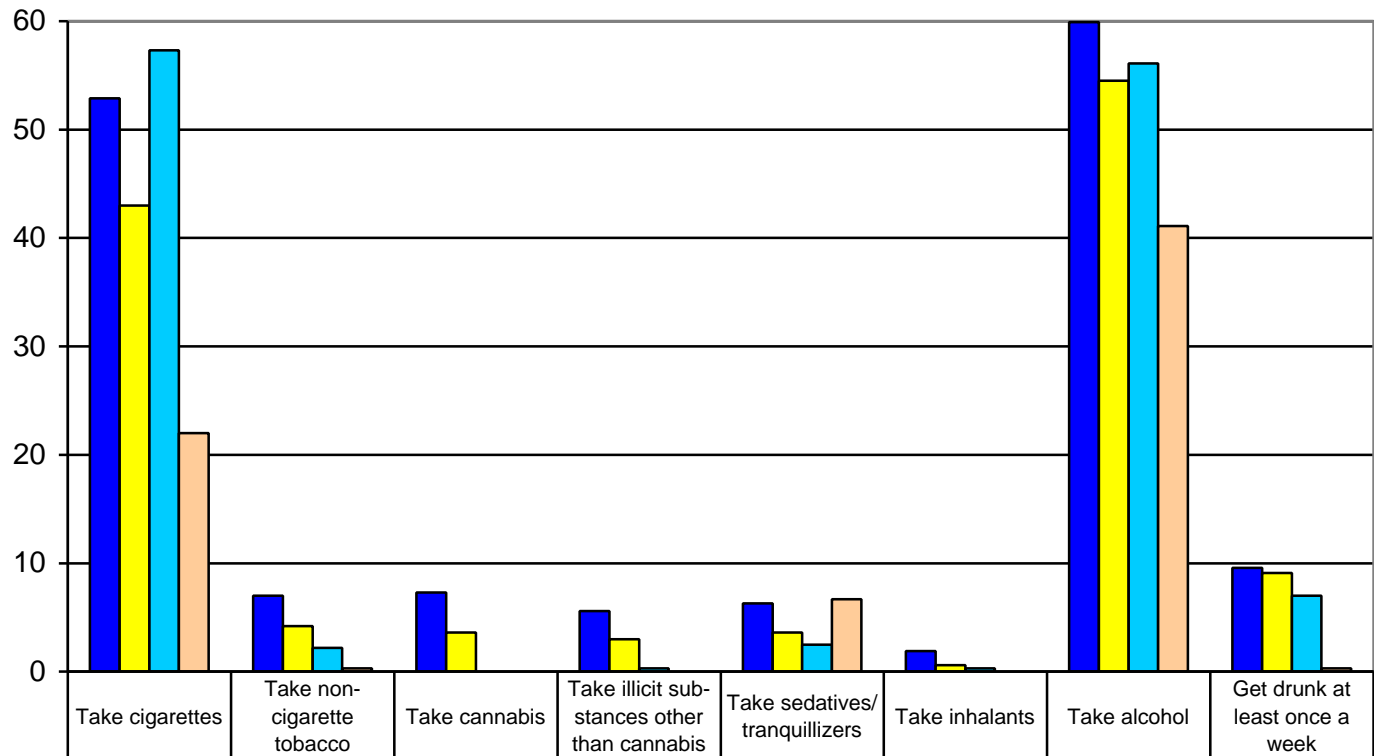
|                  | Take cigarettes | Take non-cigarette tobacco | Take cannabis | Take illicit substances other than cannabis | Take sedatives/ tranquillizers | Take inhalants | Take alcohol | Get drunk at least once a week |
|------------------|-----------------|----------------------------|---------------|---|--------------------------------|----------------|--------------|--------------------------------|
| ■ Closest friend | 49.5            | 10                         | 8.4           | 4.3   | 6.7                            | 1.3            | 49.8         | 8.4                            |
| ■ Older siblings | 50              | 7.9                        | 6.3           | 4.7   | 3.7                            | 0.5            | 52.7         | 5.8                            |
| ■ (Step)father   | 50.5            | 5.7                        | -             | 0.3   | 1.7                            | -              | 49.5         | 7                              |
| ■ (Step)mother   | 20.1            | 1                          | -             | 0.3   | 3                              | -              | 40.5         | 1                              |

**Figure 22: Substance use among significant others of the respondents in the Youth KAP Survey in Ivanovo (N=300)-percentages**



|                |      |     |    |     |      |     |      |      |
|----------------|------|-----|----|-----|------|-----|------|------|
| Closest friend | 35   | 5   | 6  | 4   | 3.6  | 0.3 | 46.7 | 9.7  |
| Older siblings | 44   | 11  | 11 | 35  | 16.6 | 8.3 | 49.5 | 11.9 |
| (Step)father   | 40.7 | 3.3 | -  | 0.3 | 2    | -   | 42.3 | 6.3  |
| (Step)mother   | 8    | 1   | 3  | 1.2 | 3.7  | 0.3 | 32   | 0.7  |

**Figure 23: Substance use among significant others of the respondents in the Youth KAP Survey in Lublino District (N=314)-percentages**



|                  | Take cigarettes | Take non-cigarette tobacco | Take cannabis | Take illicit substances other than cannabis | Take sedatives/ tranquillizers | Take inhalants | Take alcohol | Get drunk at least once a week |
|------------------|-----------------|----------------------------|---------------|---|--------------------------------|----------------|--------------|--------------------------------|
| ■ Closest friend | 52.9            | 7                          | 7.3           | 5.6   | 6.3                            | 1.9            | 59.9         | 9.6                            |
| ■ Older siblings | 43              | 4.2                        | 3.6           | 3   | 3.6                            | 0.6            | 54.5         | 9.1                            |
| ■ (Step)father   | 57.3            | 2.2                        | -             | 0.3   | 2.5                            | 0.3            | 56.1         | 7                              |
| ■ (Step)mother   | 22              | 0.3                        | -             | -   | 6.7                            | -              | 41.1         | 0.3                            |

In all three sites and as shown in Table 15, female youngsters in particular reported the use of alcohol among significant others in their lives. In Ivanovo, female rather than male respondents indicated significant others in their lives as getting drunk (intoxicated) at least once a week; female rather than male youngsters also reported cigarette use among their closest friends and parents. In all three sites, but especially in Irkutsk, male rather than female respondents reported cannabis use among their closest friends and older siblings. Male rather than female respondents in all the sites reported the use of illicit substances other than cannabis among their older siblings; and among their closest friends in the case of Irkutsk youngsters.

Table 16 shows that females tended to predominate among youngsters in the lower age group (10-13 years) who reported substance use among their close associates, with males taking this position among youngsters in their mid-adolescent years (14-16 years) and females to some extent again taking precedence among older youngsters (17-21 years).

**Table 15: Substance use among significant others of the respondents in the Youth KAP Survey by gender**

| Significant others                               | Irkutsk (%) |             | Ivanovo (%) |            | Lublino District (%) |            |
|--|-------------|-------------|-------------|------------|----------------------|------------|
|  | Male        | Female      | Male        | Female     | Male                 | Female     |
| <b>Closest friend</b>                            |             |             |             |            |                      |            |
| Take cigarettes.....                             | 55.7        | 44.0        | 28.2        | 40.2       | 53.1                 | 52.6       |
| Take non-cigarette tobacco.....                  | 12.9        | 7.5         | 6.1         | 4.1        | 9.3                  | 4.6        |
| Take cannabis.....                               | 14.3        | 3.1         | 7.6         | 4.7        | 9.3                  | 5.3        |
| Take illicit substances other than cannabis..... | 8.5         | 0.6         | 3.8         | 4.2        | 3.0                  | 8.5        |
| Take sedatives/tranquillizers.....               | 6.4         | 6.9         | 3.0         | 4.2        | 4.3                  | 8.6        |
| Take inhalants.....                              | 1.4         | 1.3         | 0.8         | -          | 1.2                  | 2.6        |
| Take alcohol.....                                | 49.3        | 50.3        | 37.4        | 53.8       | 56.8                 | 63.2       |
| Get drunk at least once a week.....              | 8.6         | 8.2         | 6.9         | 11.8       | 11.1                 | 7.9        |
| <b>Older siblings</b>                            |             |             |             |            |                      |            |
| Take cigarettes.....                             | 49.5        | 50.5        | 46.7        | 42.2       | 40.7                 | 45.6       |
| Take non-cigarette tobacco.....                  | 9.5         | 6.3         | 13.3        | 9.4        | 5.8                  | 2.5        |
| Take cannabis.....                               | 10.5        | 2.1         | 11.1        | 10.9       | 4.7                  | 2.5        |
| Take illicit substances other than cannabis..... | 7.4         | 2.2         | 40.0        | 31.2       | 3.5                  | 2.6        |
| Take sedatives/tranquillizers.....               | 4.3         | 3.2         | 17.8        | 15.6       | 2.4                  | 5.1        |
| Take inhalants.....                              | 1.1         | 0.0         | 8.9         | 7.8        | 1.2                  | -          |
| Take alcohol.....                                | 44.2        | 60.0        | 48.9        | 50.0       | 45.3                 | 64.6       |
| Get drunk at least once a week.....              | 7.4         | 4.2         | 8.9         | 14.1       | 8.1                  | 10.1       |
| <b>(Step) father</b>                             |             |             |             |            |                      |            |
| Take cigarettes.....                             | 50.0        | 50.9        | 35.9        | 44.4       | 56.8                 | 57.9       |
| Take non-cigarette tobacco.....                  | 6.4         | 5.0         | 4.6         | 2.4        | 3.1                  | 1.3        |
| Take cannabis.....                               | -           | -           | -           | -          | -                    | -          |
| Take illicit substances other than cannabis..... | 0.7         | -           | -           | 0.6        | 0.6                  | -          |
| Take sedatives/tranquillizers.....               | -           | 3.1         | 0.8         | 3.0        | 1.9                  | 3.3        |
| Take inhalants.....                              | -           | -           | -           | -          | -                    | 0.7        |
| Take alcohol.....                                | 47.9        | 50.9        | 32.1        | 50.3       | 45.1                 | 67.8       |
| Get drunk at least once a week.....              | 7.1         | 6.9         | 3.1         | 8.9        | 6.2                  | 7.9        |
| <b>(Step) mother</b>                             |             |             |             |            |                      |            |
| Take cigarettes.....                             | 18.6        | <b>21.4</b> | 5.3         | 10.1       | 18.5                 | 25.7       |
| Take non-cigarette tobacco.....                  | 1.4         | 0.6         | -           | 1.8        | -                    | 0.7        |
| Take cannabis.....                               | -           | -           | 2.3         | 3.6        | -                    | -          |
| Take illicit substances other than cannabis..... | 0.7         | -           | -           | 2.4        | -                    | -          |
| Take sedatives/tranquillizers.....               | -           | 5.6         | 2.3         | 4.8        | 5.5                  | 8.9        |
| Take inhalants.....                              | -           | -           | -           | 0.6        | -                    | -          |
| Take alcohol.....                                | 37.1        | 43.4        | 24.4        | 37.9       | 34.0                 | 48.7       |
| Get drunk at least once a week.....              | 0.7         | 1.3         | -           | 1.2        | -                    | 0.7        |
| <b>TOTAL (N)</b> .....                           | <b>140</b>  | <b>159</b>  | <b>131</b>  | <b>169</b> | <b>162</b>           | <b>152</b> |

**Table 16: Substance use among significant others of the respondents in the Youth KAP Survey by gender and age**

| Significant others                               | Irkutsk (%) |           |             |           |             |           |
|--|-------------|-----------|-------------|-----------|-------------|-----------|
|  | 10-13 years |           | 14-16 years |           | 17-21 years |           |
|  | Male        | Female    | Male        | Female    | Male        | Female    |
| <b>Closest friend</b>                            |             |           |             |           |             |           |
| Take cigarettes.....                             | 24.4        | 62.3      | 76.1        | 14.5      | 58.5        | 78.4      |
| Take non-cigarette tobacco.....                  | 2.4         | 11.3      | 23.9        | 5.8       | 5.7         | 13.5      |
| Take cannabis.....                               | 2.4         | 15.1      | 23.9        | -         | 5.7         | 5.4       |
| Take illicit substances other than cannabis..... | -           | 7.6       | 17.2        | -         | -           | 2.7       |
| Take sedatives/tranquillizers.....               | 2.4         | 5.7       | 10.8        | 2.9       | 9.4         | 10.8      |
| Take inhalants.....                              | -           | -         | 4.3         | -         | 3.8         | -         |
| Take alcohol.....                                | 22.0        | 58.5      | 63.0        | 20.3      | 62.3        | 89.2      |
| Get drunk at least once a week.....              | 2.4         | 7.5       | 15.2        | 2.9       | 15.1        | 8.1       |
| <b>Older siblings</b>                            |             |           |             |           |             |           |
| Take cigarettes.....                             | 18.8        | 60.0      | 69.7        | 39.5      | 58.3        | 57.1      |
| Take non-cigarette tobacco.....                  | 3.1         | 6.7       | 18.2        | 10.5      | 5.6         | -         |
| Take cannabis.....                               | -           | 6.7       | 24.2        | -         | 2.8         | 4.8       |
| Take illicit substances other than cannabis..... | -           | -         | 21.3        | 5.2       | -           | -         |
| Take sedatives/tranquillizers.....               | -           | -         | 12.1        | 5.3       | 2.8         | -         |
| Take inhalants.....                              | -           | -         | 3.0         | -         | -           | -         |
| Take alcohol.....                                | 12.5        | 60.0      | 60.6        | 39.5      | 63.9        | 90.5      |
| Get drunk at least once a week.....              | 3.1         | 6.7       | 12.1        | 0.0       | 8.3         | 4.8       |
| <b>(Step) father</b>                             |             |           |             |           |             |           |
| Take cigarettes.....                             | 51.2        | 45.3      | 54.3        | 50.7      | 50.9        | 51.4      |
| Take non-cigarette tobacco.....                  | 2.4         | 7.5       | 8.7         | 5.8       | 5.7         | 2.7       |
| Take cannabis.....                               | -           | -         | -           | -         | -           | -         |
| Take illicit substances other than cannabis..... | -           | -         | 2.2         | -         | -           | -         |
| Take sedatives/tranquillizers.....               | -           | -         | -           | 5.8       | 1.9         | -         |
| Take inhalants.....                              | -           | -         | -           | -         | -           | -         |
| Take alcohol.....                                | 34.1        | 58.5      | 47.8        | 34.8      | 56.6        | 73.0      |
| Get drunk at least once a week.....              | 4.9         | 9.4       | 6.5         | 1.4       | 13.2        | 8.1       |
| <b>(Step) mother</b>                             |             |           |             |           |             |           |
| Take cigarettes.....                             | 4.9         | 20.8      | 28.3        | 26.1      | 18.9        | 16.2      |
| Take non-cigarette tobacco.....                  | 2.4         | 1.9       | -           | -         | -           | 2.7       |
| Take cannabis.....                               | -           | -         | -           | -         | -           | -         |
| Take illicit substances other than cannabis..... | -           | 1.9       | -           | -         | -           | -         |
| Take sedatives/tranquillizers.....               | -           | -         | -           | 5.8       | 3.8         | 8.1       |
| Take inhalants.....                              | -           | -         | -           | -         | -           | -         |
| Take alcohol.....                                | 26.8        | 45.3      | 37.0        | 29.0      | 45.3        | 67.6      |
| Get drunk at least once a week.....              | -           | -         | 2.2         | -         | 1.9         | 2.7       |
| <b>TOTAL (N)</b> .....                           | <b>41</b>   | <b>53</b> | <b>46</b>   | <b>69</b> | <b>53</b>   | <b>37</b> |

Table 16 (continued)

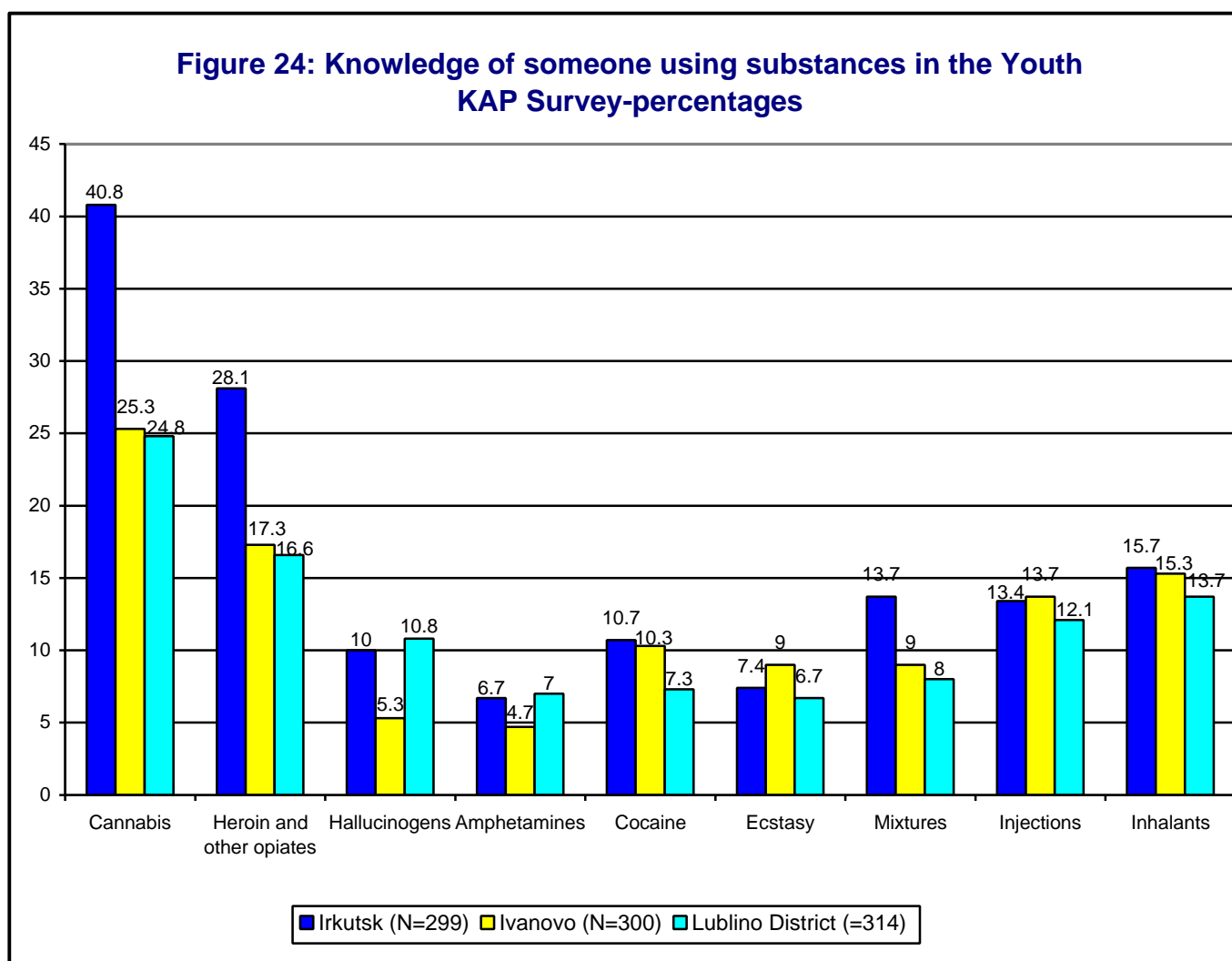
| Significant others                               | Ivanovo (%) |           |             |           |             |           |
|--|-------------|-----------|-------------|-----------|-------------|-----------|
|  | 10-13 years |           | 14-16 years |           | 17-21 years |           |
|  | Male        | Female    | Male        | Female    | Male        | Female    |
| <b>Closest friend</b>                            |             |           |             |           |             |           |
| Take cigarettes.....                             | 14.1        | 42.9      | 40.6        | 14.6      | 35.7        | 58.2      |
| Take non-cigarette tobacco.....                  | 1.6         | 8.6       | 12.5        | 2.1       | 2.4         | 6.3       |
| Take cannabis.....                               | -           | 11.4      | 18.8        | -         | 7.1         | 6.3       |
| Take illicit substances other than cannabis..... | 1.6         | 5.8       | 6.2         | 4.2       | 7.1         | 2.6       |
| Take sedatives/tranquillizers.....               | 3.2         | 2.9       | 3.1         | -         | 4.8         | 6.4       |
| Take inhalants.....                              | -           | 2.9       | -           | -         | -           | -         |
| Take alcohol.....                                | 15.6        | 57.1      | 59.4        | 16.7      | 59.5        | 73.4      |
| Get drunk at least once a week.....              | 3.1         | 8.6       | 12.5        | 6.3       | 21.4        | 10.1      |
| <b>Older siblings</b>                            |             |           |             |           |             |           |
| Take cigarettes.....                             | 53.8        | 33.3      | 57.1        | 37.5      | 60.0        | 36.4      |
| Take non-cigarette tobacco.....                  | 23.1        | 11.1      | 7.1         | 12.5      | 26.7        | -         |
| Take cannabis.....                               | 15.4        | 11.1      | 7.1         | 12.5      | 26.7        | 3.0       |
| Take illicit substances other than cannabis..... | 69.3        | 27.9      | 28.4        | 50.0      | 80.0        | -         |
| Take sedatives/tranquillizers.....               | 30.8        | 11.2      | 14.2        | 25.0      | 40.0        | -         |
| Take inhalants.....                              | 15.4        | 5.6       | 7.1         | 12.5      | 20.0        | -         |
| Take alcohol.....                                | 30.8        | 61.1      | 50.0        | 25.0      | 60.0        | 57.6      |
| Get drunk at least once a week.....              | 15.4        | 5.6       | 7.1         | 12.5      | 33.3        | 6.1       |
| <b>(Step) father</b>                             |             |           |             |           |             |           |
| Take cigarettes.....                             | 25.0        | 37.1      | 56.3        | 43.8      | 47.6        | 43.0      |
| Take non-cigarette tobacco.....                  | 4.7         | 5.7       | 3.1         | 2.1       | 2.4         | 2.5       |
| Take cannabis.....                               | -           | -         | -           | -         | -           | -         |
| Take illicit substances other than cannabis..... | -           | -         | -           | -         | -           | 1.3       |
| Take sedatives/tranquillizers.....               | -           | -         | 3.1         | 2.1       | 4.8         | 2.5       |
| Take inhalants.....                              | -           | -         | -           | -         | -           | -         |
| Take alcohol.....                                | 17.2        | 37.1      | 56.3        | 27.1      | 52.4        | 63.3      |
| Get drunk at least once a week.....              | 3.1         | 2.9       | 3.1         | 2.1       | 4.8         | 15.2      |
| <b>(Step) mother</b>                             |             |           |             |           |             |           |
| Take cigarettes.....                             | 4.7         | 5.7       | 6.3         | 4.2       | 11.9        | 12.7      |
| Take non-cigarette tobacco.....                  | -           | -         | -           | 2.1       | 2.4         | 1.3       |
| Take cannabis.....                               | 1.6         | 2.9       | 3.1         | 4.2       | 7.1         | 1.3       |
| Take illicit substances other than cannabis..... | -           | -         | -           | -         | -           | 5.2       |
| Take sedatives/tranquillizers.....               | 3.2         | -         | 3.1         | -         | 7.2         | 6.3       |
| Take inhalants.....                              | -           | -         | -           | -         | -           | 1.3       |
| Take alcohol.....                                | 14.1        | 31.4      | 37.5        | 16.7      | 50.0        | 44.3      |
| Get drunk at least once a week.....              | -           | -         | -           | -         | -           | 2.5       |
| <b>TOTAL (N).....</b>                            | <b>64</b>   | <b>35</b> | <b>32</b>   | <b>48</b> | <b>42</b>   | <b>79</b> |

Table 16 (continued)

| Significant others                               | Lublino District (%) |           |             |           |             |           |
|--|----------------------|-----------|-------------|-----------|-------------|-----------|
|  | 10-13 years          |           | 14-16 years |           | 17-21 years |           |
|  | Male                 | Female    | Male        | Female    | Male        | Female    |
| <b>Closest friend</b>                            |                      |           |             |           |             |           |
| Take cigarettes.....                             | 22.7                 | 56.4      | 80.0        | 22.2      | 58.2        | 67.3      |
| Take non-cigarette tobacco.....                  | 6.8                  | 9.0       | 12.5        | 5.6       | 6.0         | 2.0       |
| Take cannabis.....                               | -                    | 5.1       | 27.5        | -         | 6.0         | 8.2       |
| Take illicit substances other than cannabis..... | 2.3                  | 3.9       | 2.5         | -         | 13.5        | 8.1       |
| Take sedatives/tranquillizers.....               | -                    | 3.9       | 10.0        | 2.8       | 11.9        | 8.2       |
| Take inhalants.....                              | 2.3                  | 1.3       | -           | -         | 4.5         | 2.0       |
| Take alcohol.....                                | 18.2                 | 62.8      | 87.5        | 30.6      | 67.2        | 81.6      |
| Get drunk at least once a week.....              | 6.8                  | 3.8       | 30.0        | -         | 7.5         | 14.3      |
| <b>Older siblings</b>                            |                      |           |             |           |             |           |
| Take cigarettes.....                             | 33.3                 | 37.8      | 52.0        | 42.9      | 43.2        | 52.4      |
| Take non-cigarette tobacco.....                  | 8.3                  | 2.7       | 8.0         | 4.8       | 2.7         | -         |
| Take cannabis.....                               | 4.2                  | -         | 12.0        | -         | -           | 9.5       |
| Take illicit substances other than cannabis..... | 4.2                  | 2.7       | 4.0         | 4.8       | 2.7         | -         |
| Take sedatives/tranquillizers.....               | -                    | 5.4       | -           | 4.8       | 8.1         | -         |
| Take inhalants.....                              | 4.2                  | -         | -           | -         | -           | -         |
| Take alcohol.....                                | 20.8                 | 43.2      | 72.0        | 47.6      | 64.9        | 81.0      |
| Get drunk at least once a week.....              | 4.2                  | 5.4       | 16.0        | 9.5       | 8.1         | 14.3      |
| <b>(Step) father</b>                             |                      |           |             |           |             |           |
| Take cigarettes.....                             | 59.1                 | 53.8      | 60.0        | 55.6      | 53.7        | 65.3      |
| Take non-cigarette tobacco.....                  | 4.5                  | 2.6       | 2.5         | 2.8       | 1.5         | -         |
| Take cannabis.....                               | -                    | -         | -           | -         | -           | -         |
| Take illicit substances other than cannabis..... | -                    | 1.3       | -           | -         | -           | -         |
| Take sedatives/tranquillizers.....               | 4.5                  | 1.3       | -           | -         | 3.0         | 6.1       |
| Take inhalants.....                              | -                    | -         | -           | -         | 1.5         | -         |
| Take alcohol.....                                | 43.2                 | 46.2      | 45.0        | 58.3      | 68.7        | 73.5      |
| Get drunk at least once a week.....              | -                    | 3.8       | 17.5        | 5.6       | 7.5         | 10.2      |
| <b>(Step) mother</b>                             |                      |           |             |           |             |           |
| Take cigarettes.....                             | 13.6                 | 16.7      | 27.5        | 11.1      | 35.8        | 22.4      |
| Take non-cigarette tobacco.....                  | -                    | -         | -           | -         | 1.5         | -         |
| Take cannabis.....                               | -                    | -         | -           | -         | -           | -         |
| Take illicit substances other than cannabis..... | -                    | -         | -           | -         | -           | -         |
| Take sedatives/tranquillizers.....               | 2.3                  | 3.8       | 12.5        | -         | 10.5        | 10.2      |
| Take inhalants.....                              | -                    | -         | -           | -         | -           | -         |
| Take alcohol.....                                | 22.7                 | 37.2      | 40.0        | 25.0      | 53.7        | 59.2      |
| Get drunk at least once a week.....              | -                    | -         | -           | -         | 1.5         | -         |
| <b>TOTAL (N).....</b>                            | <b>44</b>            | <b>78</b> | <b>40</b>   | <b>36</b> | <b>67</b>   | <b>49</b> |

## (e) Knowledge/awareness of substance users

Figure 24 shows that many respondents knew someone who used illicit substances such as cannabis, heroin and other opiates, particularly in Irkutsk and more especially among young males as shown in Table 17. Respondents who knew users of hallucinogens were more common in Lublino District and Irkutsk than in Ivanovo. Ecstasy users were more commonly known in Ivanovo than in the other sites, and injecting drug users in Ivanovo and Irkutsk rather than in Lublino District. Among youngsters in the age group 10-13 years and to some extent in the older age group 17-21 years (Table 18), acquaintance with illicit substance users and users of inhalants tended to be more commonly reported among females than among males, whereas among mid-adolescents (14-16 years) males rather than females were acquainted with users of the substances concerned.



**Table 17: Knowledge of someone using selected psychoactive substances in the Youth KAP Survey by gender**

| Substance                     | Irkutsk (%)     |                  | Ivanovo (%)     |                 | Lublino District (%) |            |
|-------------------------------|-----------------|------------------|-----------------|-----------------|----------------------|------------|
|                               | Male            | Female           | Male            | Female          | Male                 | Female     |
| Cannabis .....                | 51.4.....       | 31.4 .....       | 22.1.....       | 27.8.....       | 24.1.....            | 25.7       |
| Heroin and other opiates..... | 38.6.....       | 18.9 .....       | 19.8.....       | 15.4.....       | 16.7.....            | 16.4       |
| Hallucinogens .....           | 17.9.....       | 3.1 .....        | 4.6.....        | 5.9.....        | 9.9.....             | 11.8       |
| Amphetamines .....            | 10.7.....       | 3.1 .....        | 5.3.....        | 4.1.....        | 6.8.....             | 7.2        |
| Cocaine .....                 | 15.0.....       | 6.9 .....        | 9.9.....        | 10.7.....       | 7.4.....             | 7.2        |
| Ecstasy .....                 | 10.0.....       | 5.0 .....        | 6.1.....        | 11.2.....       | 8.6.....             | 4.6        |
| Mixtures.....                 | 17.9.....       | 10.1 .....       | 6.9.....        | 10.7.....       | 8.6.....             | 7.2        |
| Injections .....              | 18.6.....       | 8.8 .....        | 15.3.....       | 12.4.....       | 13.6.....            | 10.5       |
| Inhalants .....               | 20.0.....       | 11.9 .....       | 15.3.....       | 15.4.....       | 10.5.....            | 17.1       |
| <b>TOTAL (N).....</b>         | <b>140.....</b> | <b>159 .....</b> | <b>131.....</b> | <b>169.....</b> | <b>162.....</b>      | <b>152</b> |

**Table 18: Knowledge of someone using selected psychoactive substances in the Youth KAP Survey by gender and age**

| Substance                     | Irkutsk (%)    |                 |                |                |                |           |
|-------------------------------|----------------|-----------------|----------------|----------------|----------------|-----------|
|                               | 10-13 years    |                 | 14-16 years    |                | 17-21 years    |           |
|                               | Male           | Female          | Male           | Female         | Male           | Female    |
| Cannabis .....                | 7.3.....       | 64.2 .....      | 76.1.....      | 13.0.....      | 43.4.....      | 48.6      |
| Heroin and other opiates..... | 4.9.....       | 43.4 .....      | 63.0.....      | 2.9.....       | 32.1.....      | 29.7      |
| Hallucinogens .....           | 2.4.....       | 15.1 .....      | 34.8.....      | 1.4.....       | 5.7.....       | 2.7       |
| Amphetamines .....            | 2.4.....       | 7.5 .....       | 21.7.....      | 1.4.....       | 1.9.....       | 8.1       |
| Cocaine .....                 | 4.9.....       | 17.0 .....      | 21.7.....      | 2.9.....       | 11.3.....      | 8.1       |
| Ecstasy .....                 | 2.4.....       | 11.3 .....      | 15.2.....      | 1.4.....       | 9.4.....       | 5.4       |
| Mixtures.....                 | 2.4.....       | 18.9 .....      | 30.4.....      | 2.9.....       | 15.1.....      | 16.2      |
| Injections .....              | 2.4.....       | 15.1 .....      | 37.0.....      | 1.4.....       | 13.2.....      | 16.2      |
| Inhalants .....               | 4.9.....       | 17.0 .....      | 37.0.....      | 8.7.....       | 11.3.....      | 18.9      |
| <b>TOTAL (N).....</b>         | <b>41.....</b> | <b>53 .....</b> | <b>46.....</b> | <b>69.....</b> | <b>53.....</b> | <b>37</b> |

Table 18 (continued)

| Substance                     | Ivanovo (%) |           |             |           |             |           |
|-------------------------------|-------------|-----------|-------------|-----------|-------------|-----------|
|                               | 10-13 years |           | 14-16 years |           | 17-21 years |           |
|                               | Male        | Female    | Male        | Female    | Male        | Female    |
| Cannabis .....                | 6.3         | 37.1      | 37.5        | 8.3       | 33.3        | 36.7      |
| Heroin and other opiates..... | 10.9        | 31.4      | 25.0        | 8.3       | 16.7        | 19.0      |
| Hallucinogens .....           | 1.6         | 8.6       | 6.3         | -         | 7.1         | 8.9       |
| Amphetamines.....             | 1.6         | 8.6       | 9.4         | -         | 4.8         | 6.3       |
| Cocaine .....                 | 7.8         | 17.1      | 6.3         | 4.2       | 11.9        | 13.9      |
| Ecstasy.....                  | 4.7         | 11.4      | 3.1         | 6.3       | 14.3        | 12.7      |
| Mixtures.....                 | 3.1         | 11.4      | 9.4         | 4.2       | 16.7        | 11.4      |
| Injections .....              | 7.8         | 22.9      | 21.9        | 4.2       | 14.3        | 16.5      |
| Inhalants .....               | 4.7         | 20.0      | 31.3        | 4.2       | 21.4        | 19.0      |
| <b>TOTAL (N)</b> .....        | <b>64</b>   | <b>35</b> | <b>32</b>   | <b>48</b> | <b>42</b>   | <b>79</b> |

Table 18 (continued)

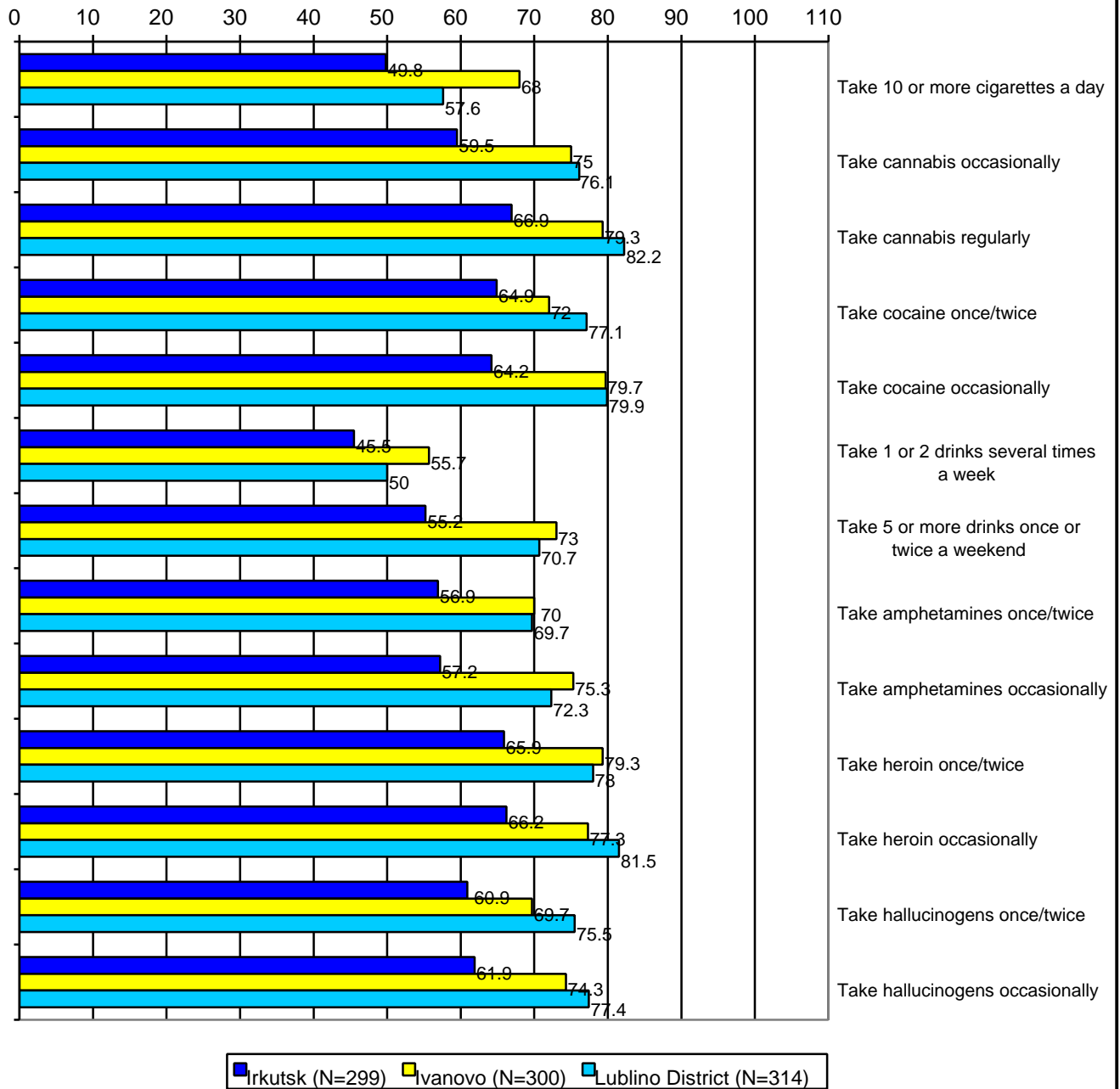
| Substance                     | Lublino District (%) |           |             |           |             |           |
|-------------------------------|----------------------|-----------|-------------|-----------|-------------|-----------|
|                               | 10-13 years          |           | 14-16 years |           | 17-21 years |           |
|                               | Male                 | Female    | Male        | Female    | Male        | Female    |
| Cannabis .....                | 4.5                  | 20.5      | 52.5        | -         | 29.9        | 38.8      |
| Heroin and other opiates..... | 2.3                  | 11.5      | 42.5        | -         | 17.9        | 26.5      |
| Hallucinogens .....           | 2.3                  | 5.1       | 27.5        | -         | 16.4        | 14.3      |
| Amphetamines .....            | -                    | 5.1       | 17.5        | -         | 4.5         | 16.3      |
| Cocaine .....                 | -                    | 6.4       | 17.5        | -         | 6.0         | 14.3      |
| Ecstasy.....                  | 4.5                  | 3.8       | 22.5        | -         | 4.5         | 8.2       |
| Mixtures.....                 | 2.3                  | 5.1       | 22.5        | -         | 7.5         | 12.2      |
| Injections .....              | 6.8                  | 6.4       | 35.0        | -         | 10.4        | 18.4      |
| Inhalants .....               | 2.3                  | 7.7       | 25.0        | -         | 20.9        | 24.5      |
| <b>TOTAL (N)</b> .....        | <b>44</b>            | <b>78</b> | <b>40</b>   | <b>36</b> | <b>67</b>   | <b>49</b> |

(f) *Attitudes/views on substance use and knowledge/awareness of the legal status of substances*

### Approval of substance use

Figure 25 shows that youth approval of psychoactive substance use is generally manifested in Irkutsk rather than in the other sites (between 33.1% and 50.2% in Irkutsk, between 20.3% and 44.3% in Ivanovo, and between 17.8% and 50.0% in Lublino District). Heavy use of cigarettes and regular drinking rather than other forms of youth substance use tended to be socially approved. Males rather than females indicated approval, especially in mid-adolescence (14-16 years) and as shown in Tables 19 to 20.

**Figure 25: (Strong) disapproval of youth substance use in the Youth KAP Survey-percentages**



**Table 19: (Strong) disapproval of youth substance use in the Youth KAP Survey by gender**

| Substance use  | Irkutsk (%) |           |             |           |             |           |
|--|-------------|-----------|-------------|-----------|-------------|-----------|
|  | 10-13 years |           | 14-16 years |           | 17-21 years |           |
|  | Male        | Female    | Male        | Female    | Male        | Female    |
| Take 10 or more cigarettes a day .....                 | 53.7        | 32.1      | 34.8        | 56.5      | 67.9        | 51.4      |
| Take cannabis occasionally .....                       | 63.4        | 47.2      | 34.8        | 58.0      | 81.1        | 75.7      |
| Take cannabis regularly .....                          | 63.4        | 62.3      | 50.0        | 60.9      | 84.9        | 83.8      |
| Take cocaine once or twice .....                       | 63.4        | 62.3      | 47.8        | 62.3      | 81.1        | 73.0      |
| Take cocaine occasionally .....                        | 63.4        | 56.6      | 50.0        | 62.3      | 81.1        | 73.0      |
| Take one or two drinks several times a week .....      | 58.5        | 28.3      | 30.4        | 46.4      | 64.2        | 45.9      |
| Take five or more drinks once or twice a weekend ..... | 61.0        | 41.5      | 41.3        | 55.1      | 71.7        | 62.2      |
| Take amphetamines once or twice .....                  | 58.5        | 50.9      | 45.7        | 47.8      | 71.7        | 73.0      |
| Take amphetamines occasionally .....                   | 56.1        | 52.8      | 47.8        | 49.3      | 71.7        | 70.3      |
| Take heroin once or twice .....                        | 58.5        | 64.2      | 54.3        | 60.9      | 84.9        | 73.0      |
| Take heroin occasionally .....                         | 61.0        | 64.2      | 54.3        | 63.8      | 81.1        | 73.0      |
| Take hallucinogens once or twice .....                 | 61.0        | 64.2      | 50.0        | 52.2      | 77.4        | 62.2      |
| Take hallucinogens occasionally .....                  | 61.0        | 66.0      | 52.2        | 52.2      | 77.4        | 64.9      |
| <b>TOTAL (N)</b> .....                                 | <b>41</b>   | <b>53</b> | <b>46</b>   | <b>69</b> | <b>53</b>   | <b>37</b> |

Table 19 (continued)

| Substance use  | Ivanovo (%) |           |             |           |             |           |
|--|-------------|-----------|-------------|-----------|-------------|-----------|
|  | 10-13 years |           | 14-16 years |           | 17-21 years |           |
|  | Male        | Female    | Male        | Female    | Male        | Female    |
| Take 10 or more cigarettes a day .....                 | 75.0        | 54.3      | 40.6        | 79.2      | 78.6        | 67.1      |
| Take cannabis occasionally .....                       | 76.6        | 65.7      | 65.6        | 75.0      | 81.0        | 78.5      |
| Take cannabis regularly .....                          | 76.6        | 71.4      | 68.8        | 75.0      | 90.5        | 86.1      |
| Take cocaine once or twice .....                       | 70.3        | 68.6      | 65.6        | 66.7      | 78.6        | 77.2      |
| Take cocaine occasionally .....                        | 81.3        | 77.1      | 65.6        | 83.3      | 88.1        | 78.5      |
| Take one or two drinks several times a week .....      | 57.8        | 48.6      | 31.3        | 77.1      | 61.9        | 50.6      |
| Take five or more drinks once or twice a weekend ..... | 76.6        | 68.6      | 53.1        | 83.3      | 81.0        | 69.6      |
| Take amphetamines once or twice .....                  | 65.6        | 62.9      | 62.5        | 75.0      | 81.0        | 70.9      |
| Take amphetamines occasionally .....                   | 75.0        | 77.1      | 71.9        | 75.0      | 83.3        | 72.2      |
| Take heroin once or twice .....                        | 78.1        | 77.1      | 71.9        | 77.1      | 85.7        | 82.3      |
| Take heroin occasionally .....                         | 73.4        | 74.3      | 71.9        | 75.0      | 83.3        | 82.3      |
| Take hallucinogens once or twice .....                 | 64.1        | 57.1      | 65.6        | 72.9      | 76.2        | 75.9      |
| Take hallucinogens occasionally .....                  | 73.4        | 68.6      | 71.9        | 72.9      | 81.0        | 75.9      |
| <b>TOTAL (N)</b> .....                                 | <b>64</b>   | <b>35</b> | <b>32</b>   | <b>48</b> | <b>42</b>   | <b>79</b> |

Table 19 (continued)

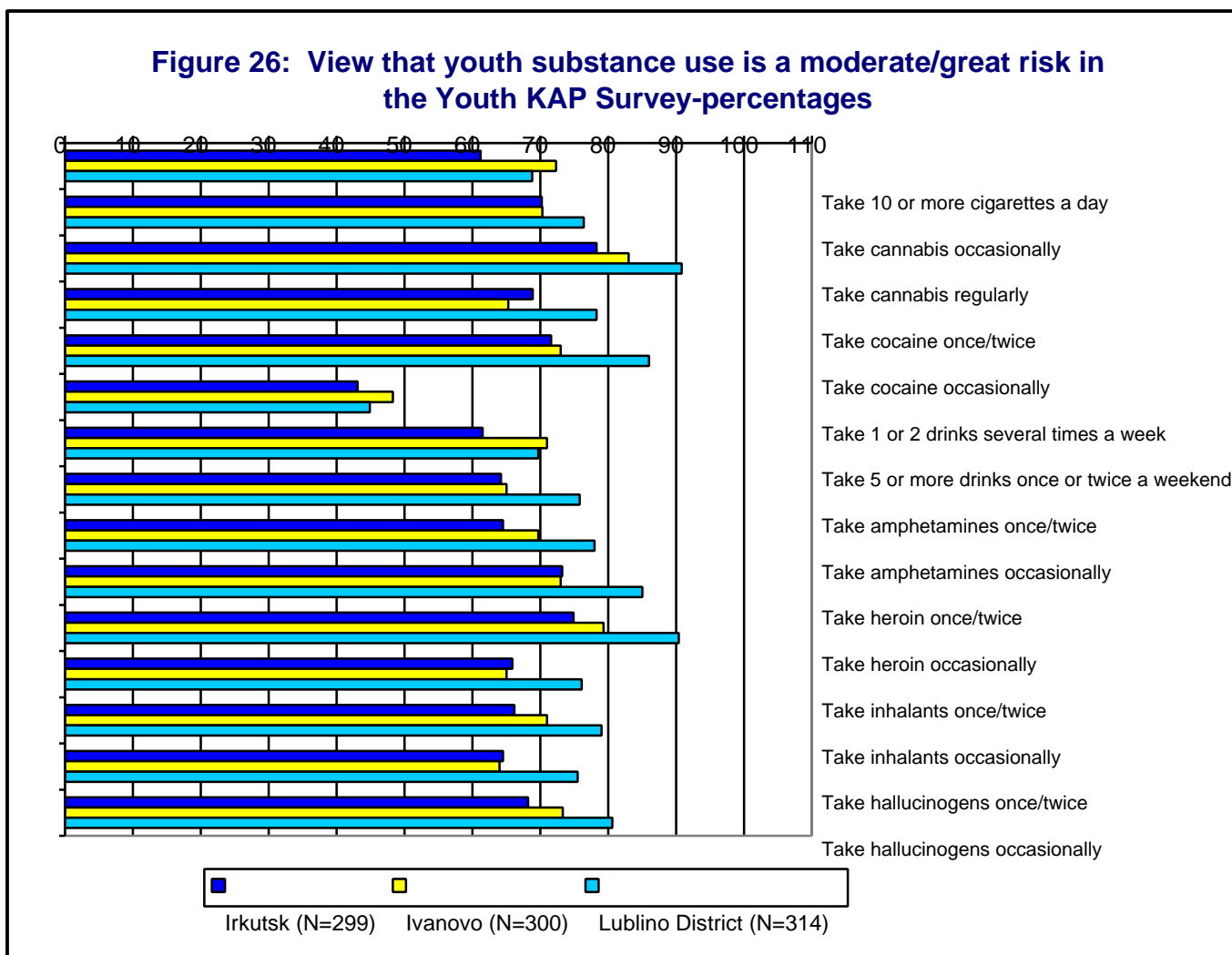
| Substance use  | Lublino District (%) |           |             |           |             |           |
|--|----------------------|-----------|-------------|-----------|-------------|-----------|
|  | 10-13 years          |           | 14-16 years |           | 17-21 years |           |
|  | Male                 | Female    | Male        | Female    | Male        | Female    |
| Take 10 or more cigarettes a day .....                 | 70.5                 | 52.6      | 40.0        | 75.0      | 56.7        | 57.1      |
| Take cannabis occasionally .....                       | 79.5                 | 73.1      | 55.0        | 86.1      | 85.1        | 75.5      |
| Take cannabis regularly .....                          | 77.3                 | 74.4      | 70.0        | 88.9      | 89.6        | 93.9      |
| Take cocaine once or twice .....                       | 79.5                 | 71.8      | 67.5        | 86.1      | 80.6        | 79.6      |
| Take cocaine occasionally .....                        | 75.0                 | 76.9      | 72.5        | 86.1      | 83.6        | 85.7      |
| Take one or two drinks several times a week .....      | 65.9                 | 43.6      | 35.0        | 66.7      | 56.7        | 36.7      |
| Take five or more drinks once or twice a weekend ..... | 72.7                 | 65.4      | 55.0        | 83.3      | 77.6        | 71.4      |
| Take amphetamines once or twice .....                  | 68.2                 | 64.1      | 60.0        | 75.0      | 70.1        | 83.7      |
| Take amphetamines occasionally .....                   | 68.2                 | 67.9      | 65.0        | 75.0      | 71.6        | 87.8      |
| Take heroin once or twice .....                        | 79.5                 | 75.6      | 62.5        | 86.1      | 79.1        | 85.7      |
| Take heroin occasionally .....                         | 77.3                 | 79.5      | 77.5        | 83.3      | 79.1        | 93.9      |
| Take hallucinogens once or twice .....                 | 72.7                 | 74.4      | 60.0        | 80.6      | 77.6        | 85.7      |
| Take hallucinogens occasionally .....                  | 70.5                 | 74.4      | 67.5        | 80.6      | 80.6        | 89.8      |
| <b>TOTAL (N)</b> .....                                 | <b>44</b>            | <b>78</b> | <b>40</b>   | <b>36</b> | <b>67</b>   | <b>49</b> |

Table 20: (Strong) disapproval of youth substance use in the Youth KAP Survey by gender and age

| Substance use  | Irkutsk (%) |            | Ivanovo (%) |            | Lublino District (%) |            |
|--|-------------|------------|-------------|------------|----------------------|------------|
|  | Male        | Female     | Male        | Female     | Male                 | Female     |
| Take 10 or more cigarettes a day .....                 | 39.3        | 59.1       | 61.1        | 73.4       | 54.3                 | 61.2       |
| Take cannabis occasionally .....                       | 47.9        | 69.8       | 71.0        | 78.1       | 70.4                 | 82.2       |
| Take cannabis regularly .....                          | 58.6        | 74.2       | 73.3        | 84.0       | 74.1                 | 90.8       |
| Take cocaine once or twice .....                       | 57.9        | 71.1       | 68.7        | 74.6       | 72.8                 | 81.6       |
| Take cocaine occasionally .....                        | 56.4        | 71.1       | 76.3        | 82.2       | 75.3                 | 84.9       |
| Take one or two drinks several times a week .....      | 37.9        | 52.2       | 48.9        | 60.9       | 47.5                 | 52.6       |
| Take five or more drinks once or twice a weekend ..... | 47.1        | 62.3       | 68.7        | 76.3       | 64.8                 | 77.0       |
| Take amphetamines once or twice .....                  | 51.4        | 61.6       | 64.1        | 74.6       | 64.2                 | 75.7       |
| Take amphetamines occasionally .....                   | 52.1        | 61.6       | 74.8        | 75.7       | 67.3                 | 77.6       |
| Take heroin once or twice .....                        | 59.3        | 71.7       | 76.3        | 81.7       | 73.5                 | 82.9       |
| Take heroin occasionally .....                         | 60.0        | 71.7       | 73.3        | 80.5       | 78.4                 | 84.9       |
| Take hallucinogens once or twice .....                 | 58.6        | 62.9       | 62.6        | 75.1       | 70.4                 | 80.9       |
| Take hallucinogens occasionally .....                  | 60.0        | 63.5       | 71.8        | 76.3       | 71.6                 | 83.6       |
| <b>TOTAL (N)</b> .....                                 | <b>140</b>  | <b>159</b> | <b>131</b>  | <b>169</b> | <b>162</b>           | <b>152</b> |

### View that substance use holds no or a slight risk

Figure 26 shows that between 21.7% and 56.9% youngsters in Irkutsk, between 17.0% and 51.7% in Ivanovo and between 9.2% and 55.1% in Lublino District believed the use of psychoactive substances by their peers was not risky. Across the sites, regular drinking, and to a lesser extent heavy smoking of cigarettes as well as heavy weekend drinking rather than other forms of substance use tended to be regarded as of no consequence. More respondents in Ivanovo and Irkutsk than in Lublino District believed injecting drug use—cocaine and heroin—held no risk. Table 21 also shows that male youngsters rather than female youngsters regarded substance use as harmless, except in Ivanovo.



**Table 21: View that youth substance use is a moderate/great risk in the Youth KAP Survey by gender**

| Substance use   | Irkutsk (%) |        | Ivanovo (%) |        | Lublino District (%) |        |
|---|-------------|--------|-------------|--------|----------------------|--------|
|   | Male        | Female | Male        | Female | Male                 | Female |
| Take 10 or more cigarettes a day .....                | 54.3        | 67.3   | 70.2        | 74.0   | 62.3                 | 75.7   |
| Take cannabis occasionally .....                      | 62.1        | 77.4   | 65.6        | 74.0   | 74.1                 | 78.9   |
| Take cannabis regularly.....                          | 72.9        | 83.0   | 82.4        | 83.4   | 87.7                 | 94.1   |
| Take cocaine once or twice.....                       | 65.0        | 72.3   | 67.2        | 63.9   | 78.4                 | 78.3   |
| Take cocaine occasionally.....                        | 65.7        | 76.7   | 74.0        | 72.2   | 84.0                 | 88.2   |
| Take one or two drinks several times a week.....      | 35.0        | 50.3   | 51.9        | 45.6   | 40.1                 | 50.0   |
| Take five or more drinks once or twice each weekend.. | 52.1        | 69.8   | 70.2        | 71.6   | 66.7                 | 73.0   |
| Take amphetamines once or twice.....                  | 59.3        | 68.6   | 68.7        | 62.1   | 72.2                 | 79.6   |
| Take amphetamines occasionally .....                  | 60.7        | 67.9   | 71.8        | 68.0   | 74.7                 | 81.6   |
| Take heroin once or twice .....                       | 69.3        | 76.7   | 77.9        | 69.2   | 85.2                 | 84.9   |
| Take heroin occasionally.....                         | 72.1        | 77.4   | 80.2        | 78.7   | 88.3                 | 92.8   |
| Take inhalants once/twice .....                       | 63.6        | 67.9   | 69.5        | 61.5   | 77.8                 | 74.3   |
| Take inhalants occasionally.....                      | 65.0        | 67.3   | 76.3        | 66.9   | 77.8                 | 80.3   |
| Take hallucinogens once or twice .....                | 62.9        | 66.0   | 68.7        | 60.4   | 74.7                 | 76.3   |
| Take hallucinogens occasionally .....                 | 65.7        | 70.4   | 76.3        | 71.0   | 77.8                 | 83.6   |
| TOTAL (N) .....                                       | 140         | 159    | 131         | 169    | 162                  | 152    |

### 3.3 Community Profile 1: Organizational and cultural context

Licit substances were part of day-to-day life in all three sites. Across the sites it was customary for young people to use alcohol and tobacco at social gatherings and at key places of interaction, e.g. the premises of educational institutions, private homes, streets, places and times of recreation such as clubs, discos, parties and holidays. Whereas cannabis tended to be used in the company of peers, substances such as heroin were used in company in the beginning and progressed to lone use in secluded places such as attics, basements and toilets.

Substance use patterns were changing and were becoming more intense. The overall level of alcohol and tobacco use was progressively increasing and the range of substances used was widening and expanding to a variety of illicit substances through especially new entrants. The range of socioeconomic categories using substances was also expanding. Females and younger age groups, for example, were increasingly entering the traditionally largely male consumer group. In Lublino District cannabis and ecstasy have come to be seen as “soft/light” substances and less harmful than alcohol. In Ivanovo and especially in Lublino District participation in crime to support substance use was a particular concern. In Lublino District crime related to substance use and aggression/violence were more intense than in other parts of the Russian Federation, and were increasing.

Expectations of rewards motivated the use of psychoactive substances in all three sites. Reasons for use included mood and communication improvement in Irkutsk; curiosity and a need for “new” experiences, socially “fitting in” and escaping problems (e.g. family breakdown) in Ivanovo; and a need for stress relief or “escape” from difficulties, “for unusual feelings”, self-affirmation, and for improved social communication in Lublino District.

Community agencies related the changing substance use patterns to the wide-ranging changes in the communities concerned and in the Russian Federation generally. In Irkutsk youth substance use contributed to (a) limited socioeconomic opportunities, i.e. a form of “protest against unrealised opportunities”; (b) a need for fun/pleasure, mood change and better social communication; (c) family breakdown/poor family relations; (d) psychological “dissatisfaction” and low self-esteem; and (e) unresolved problems. In Ivanovo the main reasons for youth substance use included curiosity, peer pressure (particularly at onset), trying out something “new”, socially “fitting in”, escaping problems and family breakdown. Contributors to youth substance use in Lublino District included (a) general feelings of stress and redundancy, social disorder, and economic vulnerability in contemporary society; (b) mass media advertising of substance use as stylish/fashionable; (c) “medicalization” of society, i.e. uncontrolled use of medicine; (d) a need for “unusual feelings”, self-affirmation, for facilitating social communication; (e) parental neglect; (f) absence of discipline/correction; (g) absence of effective psychoactive substance use treatment/preventive structures; (h) absence of healthy lifestyle campaigns; and (i) vulnerability to substance use, e.g. through parental substance use.

Although a comprehensive network of institutional structures for preventing psychoactive substance use existed in all three sites (Table 23), service delivery was constrained by a number of factors: (a) limited coordination and interaction among preventive stakeholders (i.e. between civil society and government as well as among civil society stakeholders and among relevant government bodies); (b) feelings of powerlessness to effect change among community members; (c) limited funding; and (d) limited acknowledgement/awareness of the need for preventive action, e.g. among educational bodies. Particular sites also experienced the following specific constraints: (a) the authorities, corrupt/self-enriching preventive agents and illicit substance traders in Irkutsk and Lublino District complicated the efforts of agencies to mobilize resources and be efficient; and (b) local authorities in Ivanovo lacked commitment to countering youth crime.

**Table 22: Organized social units' understanding of substance use (data collected through focus groups and key informant interviews)**

**Status, development and consequences of substance use**

Types of substances commonly used

- Irkutsk: Alcohol (beer and to a lesser extent vodka) and tobacco were the most popular licit substances used among young people; inhalants were seldom used, except among homeless children under 15 years who originated from low-income homes; the most popular illicit substances among young people were cannabis and heroin, and to a lesser extent mescaline, amphetamines, ecstasy and lysergic acid diethylamide (LSD).
- Ivanovo: The most popular substances were tobacco, alcohol and inhalants (glue, petrol), and to a lesser extent cannabis, heroin and stimulants (e.g. ecstasy, ephedrine, cocaine).
- Lublino District: Tobacco and alcohol (especially beer), cannabis, heroin (injected), ecstasy (cannabis and ecstasy seen as “soft/light” substances and less harmful than alcohol).

Substance use patterns/trends

- Irkutsk: The average age of onset of substance use was early adolescence (11-13 years), with the onset of tobacco preceding the onset of alcohol and the onset of both preceding the onset of illicit substances; parties were generally the place where substance use started; tobacco was constantly used and everywhere; young people used alcohol and cannabis mostly in company, and the use of strong alcoholic beverages was common at festive times (e.g. parties, discos and holidays); heroin use began in company but progressed to lone use; heroin also tended to be used in secluded places (e.g. toilets, attics, basements) close to outlets.
- Ivanovo: Onset of various substances was generally as follows: inhalants 8-10 years, tobacco 9-11 years, alcohol (e.g. beer) 10-12 years, and illicit substances (e.g. opium, cannabis) 13-15 years; substances were generally used in company and in public settings (e.g. night clubs, discos, parties), on school premises, and on the street; heavy use was particularly common with regard to alcohol and among young people.
- Lublino District: A progressive increase in substance use (especially heroin injection); a lowering of onset age of substance use (currently 9-10 years), with substance use starting with tobacco and alcohol, followed by inhalants, cannabis and other illicit substances; substance use mostly took place in company at home, at discos, on the street, and in the case of licit substances in public places everywhere, even on the premises of educational institutions; heavy and frequent (e.g. daily) alcohol/tobacco use was common among young drinkers.

Contributors to substance use

- Irkutsk: Youth substance use was mainly an outflow of (a) limited socioeconomic opportunities, i.e. a form of “protest against unrealised opportunities”, (b) a need for fun/pleasure, mood change and better social communication, (c) family breakdown/poor family relations, (d) psychological “dissatisfaction” and low self-esteem, and (e) unresolved problems generally.
- Ivanovo: Main reasons for substance use: curiosity, peer pressure (particularly at onset), trying out something “new”, socially “fitting in”, escaping problems, and family breakdown.
- Lublino District: (a) general feelings of stress and redundancy, social disorder, and economic vulnerability in contemporary society, (b) mass media advertising of substance use as stylish/fashionable, (c) “medicalization” of society, i.e. uncontrolled use of medicine, (d) need for “unusual feelings”, for self-affirmation, for facilitating social communication, (e) parental neglect, (f) absence of discipline/correction, (g) absence of effective substance use treatment/preventive structures, (h) absence of healthy lifestyle campaigns, and (i) genetic vulnerability to substance use (e.g. through parental substance use).

Consequences of substance use

- Ivanovo: Engagement in crime to support substance use.
- Lublino District: substance use -related crime getting more intense than in other parts of the Russian Federation; aggression/violence related to substance use was on the increase.

**Table 23: Community resources for the prevention of problems related to substance use (data collected through a desk reviews and key informant interviews)**

| Type of units   | Main services   | Primary prevention programmes, objectives, targets, strategies, resources, commitment, viable strategies  |
|---|---|---|
| <p><u>Government</u></p> <ul style="list-style-type: none"> <li>• <b>Irkutsk:</b> Ministries of Health and Education, Commission on Under-age Affairs, Legislative Assembly</li> <li>• <b>Ivanovo:</b> Local and central government offices on social protection, youth and sport, education, public health, urban commission on minors</li> <li>• <b>Lublino:</b> Ministries of Education and Internal Affairs</li> </ul> <p><u>Non-government</u></p> <ul style="list-style-type: none"> <li>• <b>Irkutsk:</b> Committee on Citizen Affairs and several agencies specializing in substance use prevention or providing the services as part of youth/religious activities</li> <li>• <b>Ivanovo:</b> Youth of Ivanovo Programme (youth development); political parties (anti-illicit substance use and to a lesser extent anti-alcohol/tobacco use); religious and specialized prevention agents</li> </ul> <p><b>Lublino District:</b> Six agencies in youth development/health promotion attended to substance use.</p> <p><u>Networking</u></p> <ul style="list-style-type: none"> <li>• <b>Irkutsk:</b> Limited coordination and integration of substance prevention activities through the United Council of Public and Non-Commercial Organizations (more than 30 members) and “We against Drug Addiction”; activist civil</li> </ul> | <p><u>Government</u></p> <ul style="list-style-type: none"> <li>• <b>Irkutsk:</b> Medical and specialized substance use-related rehabilitation</li> <li>• <b>Ivanovo:</b> School-based anti-substance education, rehabilitation, psychosocial and medical services (individuals/families)</li> <li>• <b>Lublino District:</b> School-based anti-substance education, rehabilitation, psychosocial and physical care</li> </ul> <p><u>Non-government</u></p> <ul style="list-style-type: none"> <li>• <b>Irkutsk:</b> Primary prevention (education, psychosocial development) and tertiary intervention ((in)formal rehabilitation); youth and family development</li> <li>• <b>Ivanovo:</b> Specialist substance treatment; healthy lifestyle education, spiritual development</li> <li>• <b>Lublino District:</b> Anti-substance education, rehabilitation, youth development, health care/promotion</li> </ul> | <p><u>Overall objectives</u></p> <p><b>Irkutsk:</b> Facilitate integration of psychoactive substance use preventive activities, establishment of voluntary peer support groups (e.g. Alcoholics Anonymous), and youth development, e.g. “popularization of spiritual values”; provide rehabilitative services, psychological, legal, social support to families/individuals “in crisis”; facilitate health promotion, e.g. through “popularization of a healthy lifestyle”; disseminate substance use prevention information and preventive training</p> <p><b>Ivanovo:</b> Prevention of substance use among young people</p> <p><b>Lublino District:</b> Prevention of psychoactive substance use among youngsters, attending to information and psychosocial “empowerment”</p> <p><u>Main target group</u></p> <p><b>Irkutsk and Ivanovo:</b> Families and young people (Ivanovo: 12-17 year olds), including psychoactive substance users; Lublino District: School-going youngsters from grade 1 as well as tertiary students</p> <p><u>Main strategies</u></p> <p><b>Irkutsk:</b> Primary prevention (preventive education, psychosocial development) &amp; tertiary prevention ((in)formal rehabilitation); Ivanovo: Lectures to youngsters, parents and teachers; mass actions sponsored by local authority/medical bodies; Lublino District: School-based anti-psychoactive substance education, psychosocial development, training of stakeholders in substance-related prevention projects and programmes</p> <p><b>Irkutsk:</b> Rehabilitation, psychosocial/spiritual development of individuals generally and psychoactive substance users in particular, as well as families; Ivanovo: Several programmes, e.g. Torch (anti-substance use “social advertising”), Balance (peer counseling among 11-24 year olds, spreading a substance-free message, and strengthening partnerships/networking in preventive work), Mothers against Psychoactive Substances, Organization of Women of Ivanovo, Citizens’ Assembly of Ivanovo; Lublino District: School-based Youth Crime and Drug Prevention Programme 2000-2003 of the Dept of Education; civil society youth development/health promotion projects</p> <p><u>Programme/project resources, efficacy and sustainability</u></p> <p><u>Constraints</u></p> <p><b>Irkutsk:</b> Lack of cooperation among stakeholders in the prevention field; limited available funding; low efficacy of preventive agencies; mobilization of preventive resources in community complicated by the authorities, the police and illicit substance traders; unwillingness of educational institutions to acknowledge student substance use; Ivanovo: Networking between existing psychoactive substance use preventive agents is absent; insufficient funding; neglect on the part of local authorities to counter youthful psychoactive substance crime; Lublino District: Limited funding and preventive activities; mafia narcotic network; self-enriching and corrupt preventive agents; lack of networking between civil society agencies and between the latter and state agencies</p> <p><u>Strengths and viable strategies</u></p> <p>A desire among community members to do something about the psychoactive substance use problem; a belief (e.g. in Irkutsk) among community members that concerted action is needed, i.e. that everyone in the community must participate in anti-psychoactive substance use actions; a belief that certain agents in the community may succeed in mobilizing preventive community resources, e.g. the mayor, parents, lawyers, persons in power, agents already operating in prevention work, former psychoactive substance users/dependents, business people;</p> <p><b>Irkutsk:</b> Comprehensive/integrated activities; state-funded programmes that strengthen (young) families financially and psychosocially, promote aversion to substance use and disseminate information on substance use risks; strengthen youngsters’ self-image, motivation and ability to resist substance use (e.g. facilitate youngsters’ participation in constructive recreation), facilitate mass media participation in anti-substance use efforts, focus on young people in educational institutions and prisons; Ivanovo: Comprehensive and</p> |

| Type of units  | Main services | Primary prevention programmes, objectives, targets, strategies, resources, commitment, viable strategies   |
|--|---------------|--|
| <p>society groups rare; powerlessness</p> <ul style="list-style-type: none"> <li>• <b>Ivanovo:</b> Activist groups absent</li> <li>• <b>Lublino District:</b> Limited integration of anti-substance work through the Dept of Education's Youth Crime and Drug Prevention Programme 2000-2003; little civil activism</li> </ul> |               | <p>integrated preventive efforts (e.g. to ensure more efficient use of resources); local community taking responsibility for psychoactive substance use prevention, with experts/managers in psychoactive substance use prevention efforts taking the lead; anti-substance use mass media campaigns, social modelling by significant others in young people's lives (e.g. parents, peers); interesting socioeconomic opportunities; promotion of constructive family care; Lublino District: Primary prevention programmes, facilitating constructive parent-child relations, youthful participation in constructive leisure activities, and the mobilization of youngsters through youth groups</p> |

### 3.4 Community Profile 2: Societal structures and processes

All three sites had ageing populations. The proportion of potential new entrants to the substance use market (10-24 year olds) in Lublino District was growing. Nuclear family structures were characteristic, especially in Irkutsk and Lublino District. For example, in Irkutsk households comprised on average 3.2 persons. In Ivanovo 35.0% of the households consisted of two parents and one child, 28.0% of two parents, children and grandparents, 19.0% of parents and adult children, and 18.0% of couples only. Homeless children were found in all three sites and the numbers were growing in Irkutsk.

Various health burdens impacted on the three sites. Prominent in Lublino District were alcohol “abuse” among adolescents, alcohol related psychosis and hepatitis C among 15-29 year olds. Prevalence levels of the following illnesses were rising: (a) tuberculosis in Ivanovo and Lublino District; (b) HIV infection (especially related to injecting drug use); (c) hepatitis B and C in Ivanovo; (d) alcohol “abuse” in Lublino District; (e) substance dependence problems in Irkutsk, and in Lublino District substance dependence among adolescents, females and patients in medical centres.

Access to basic facilities was inadequate in Ivanovo and Irkutsk. In Irkutsk only 89.0% of the houses had toilets, kitchens and water; and 70.8% of the roads were paved. Although 94.0% of the houses in Ivanovo had kitchens, between 77.0% and 83.0% of the houses had water inside, 83.0% had toilets, and 75.0% had bathrooms; repairs were not done regularly; 69.0% of the roads were paved and 76.0% had lighting equipment but in only 50.0% of the cases the lighting equipment worked; refuse was removed irregularly in selected places. In Lublino District 99.8% of the houses had cold water inside, 93.3% had hot water, 99.8% had toilets/sanitation inside, 99.9% had (central) heating, 56.7% had gas, 99.0% had bathrooms, 43.0% had electric stoves, all had full electricity and refuse removal; dwellings were mostly part of multi-storey buildings and were regularly repaired; and roads were all lighted.

The sites also experienced various economic constraints such as unemployment. In Irkutsk, the unemployed were mainly women (in the year 2000 altogether 1 806 women, 654 persons in the age group 16-29 years and 384 “pre-pension” persons were unemployed). The incomes of 80.0% of families with minors in Ivanovo were below the poverty line. The unemployed in Ivanovo comprised mostly males, as the main production sector, textiles, mainly employed women. Figures for Moscow suggested that Lublino District had high income inequality — about 20.0% earned 66.2% of the total income—and at the beginning of 2000 about 4.8% lived in “extreme poverty”.

All three sites experienced high levels of criminal activity, including offences related to substance use. For example, reported crime per 100 000 of the population increased in Irkutsk from 3 001.7 in 1995 to 3 921.8 in 1999; offences related to substance use increased from 79.0 per 100 000 of the population in 1995 to 258.4 in 1999. Ivanovo had a particularly high level of juvenile offences, higher than other regions in the Russian Federation. In Lublino District the number of offences related to substance use were 144.0—compared to the 146.2 for Moscow generally—per 100 000 of the population in 1999. The level of crime was twice as high in Lublino District as in Moscow as a whole. For the year 2000 Lublino

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District reported 179.8 offences related to illegal substances per 100 000 of the population, while the corresponding figure for Moscow was 168.0. Almost 21.0% of all offences in the year 2000 in Moscow related to alcohol intoxication among minors. Contributing to the high levels of offences related to substance use in the various sites were the generally positive conditions for trading in substances, as shown in Table 24.

**Table 24: Status of trade in psychoactive substances (data collected through a desk review and key informant interviews)**

| Marketing medium   | Content and intensity of marketing  | National, provincial, local (non-) government policy   | Legislative and other regulatory measures   |
|--|---|--|---|
| <p><u>Tobacco/alcohol</u></p> <ul style="list-style-type: none"> <li>• <b>General:</b> Widespread illegal production and distribution of alcohol (particularly vodka); numerous joint ventures between Russian manufacturers and foreign alcohol corporations; a progressive increase in real prices of beer and wine, and a decrease in the price of spirits in the early 1990s; alcohol and tobacco are advertised in (selected) mass media</li> <li>• <b>Irkutsk:</b> Alcoholic beverages and tobacco are advertised in newspapers; alcohol and tobacco are also advertised on TV and radio; alcohol of high absolute alcohol content (above 15 proof) is sold in food stores; tobacco and hard liquor companies advertise on high-quality billboards; periodic tobacco advertising campaigns in newspapers by big tobacco companies; tobacco companies regularly organize promotions next to tobacco kiosks and food stores, with hard liquor companies following suit although to a lesser extent; alcohol and tobacco companies sponsor various events, e.g. sport and music concerts</li> <li>• <b>Ivanovo:</b> Licit substances are advertised in newspapers, on radio and TV</li> <li>• <b>Lublino District:</b> Turnover of alcohol/tobacco sales has doubled over the past 5 years in Moscow; alcohol/tobacco widely advertised on billboards, but advertisements prohibited on TV (except beer) and in newspapers</li> </ul> <p><u>Psychoactive substances other than alcohol and tobacco</u></p> <p>Heroin and cannabis are widely available in Irkutsk; illicit substances are available at most mini-markets in Ivanovo</p> | <ul style="list-style-type: none"> <li>• <b>Irkutsk:</b> Alcohol (beer) and tobacco are regularly, widely, intensely and conspicuously advertised; trade outlets are highly accessible to all sectors in the community (Beer and tobacco are sold everywhere, often in close proximity to residential areas; certain outlets (e.g. at bus/tram stops) are open all night or 24 hours a day. Outlets generally open at 08:00 or 09:00</li> <li>• <b>Ivanovo:</b> Frequent advertising of beer/tobacco on TV and radio and to some extent in newspapers and magazines, with foreign channel advertisements being of higher quality; illegal vodka/other alcoholic drinks are very accessible, e.g. sold at most stalls/booths (between 15 and 25 in one street); local TV beer and tobacco advertisements: 3-4 times a week on 3 channels, targeting older people and depicting images of youthfulness; local and foreign radio alcohol and tobacco advertisements: 25-96 times a week on 7 channels, mostly targeting 15-40 year olds but also older people, and depicting images of youthfulness; alcohol and tobacco advertisements in newspapers and magazines: 1-6 advertisements per issue, targeting all age groups and mostly depicting youthfulness</li> <li>• <b>Lublino District:</b> Billboard alcohol/tobacco advertising, focusing on young people and depicting use as “high living”; beer advertising on TV, especially during weekends and during popular slots, targeting the young (males and females) and middle-aged males.</li> </ul> | <ul style="list-style-type: none"> <li>• <b>General:</b> In the early 1990s government prioritized (a) mass media campaigns to encourage safer drinking and lighter drinking in work settings, (b) the use of price increases to reduce demand, and (c) the development of systems for the prevention and management of alcohol problems</li> <li>• <b>Irkutsk:</b> The Centre for Drug Addiction (a section of the Irkutsk Regional Administration’s Committee for Youth Policy) is responsible for developing preventive policy in the city and wider region on substance-related harm, and has assigned the task to a Special Commission of Experts, reporting to the Vice Governor for Social Issues in the city/region; the Legislative Assembly of Irkutsk considers laws on drug issues</li> <li>• <b>Irkutsk:</b> Short-term substance use prevention priorities of the Centre for Drug Addiction include the upgrading of expertise through training, the provision of organizational and technical support to stakeholders in the field, management of the Commission of Experts, concrete preventive work, such as dissemination of prevention information and promotion of healthy living among the youth</li> </ul> | <ul style="list-style-type: none"> <li>• Advertising of alcohol and tobacco on television prohibited but not strictly enforced.</li> <li>• A blood alcohol content (BAC) limit of 0.01 g/100 ml for drivers</li> <li>• A licensing system for the production and distribution of alcohol exists alongside state monopoly</li> <li>• The government has banned (a) purchasing of alcohol and tobacco by persons younger than 18 years, (b) sale of alcoholic beverages and tobacco in the proximity of educational and child care institutions, as well as on the premises of addiction prevention and treatment institutions and industrial enterprises during working hours, and (c) sale of additionally distilled, raw and fruit-derived spirits</li> <li>• Label information on alcohol content of beverages is required by law but there is no maximum legal alcohol limit</li> <li>• Tax regulations have made tax stamps on alcohol sales compulsory and declared beer a non-alcoholic beverage for the purpose of taxation (as a result of the latter regulation beer is widely advertised in the media)</li> </ul> |

## 3.5 Intervention development

### 3.5.1 Key concerns

The baseline findings suggest the key intervention concerns listed below.

#### **Key concerns: Community Profile 1 (including the adult KAP survey)**

- The use of licit substances at key social gatherings
- Adult use of licit substances (especially alcohol and tobacco) and to some extent illicit substances, particularly
  - a) in Lublino District;
  - b) among males;
  - c) among females in respect of the use of painkillers, sedatives and tranquillizers; and
  - d) the use of wine and injecting drug use in Irkutsk
- Regular (daily/weekly) use of psychoactive substances among adults, particularly males and in respect of cigarettes and beer
- Heavy adult use of cigarettes (at least five cigarettes per day), particularly in Irkutsk, male users in Ivanovo, and 22-39 year old female users in Lublino District
- Alcohol dependence among male adults in Ivanovo and Lublino District
- Adult approval of youth substance use, particularly (a) in Irkutsk and Lublino District, and especially regarding the use of alcohol, cigarettes and to a lesser extent amphetamines; and (b) among males
- Adult perceptions that licit substance use does not entail risk
- View that cannabis and ecstasy are “soft/light” substances, i.e. less harmful than alcohol
- Limited interagency activity and commitment to substance use prevention

#### **Key concerns: Community Profile 2**

- The spread of licit and illicit substances through legal channels (e.g. mini-markets in Ivanovo) and illegal channels (e.g. crime networks); and purposeful marketing (e.g. through multimedia advertising and sponsorships)

- Demographic pressures such as
  - a) ageing populations especially in Ivanovo and Lublino District;
  - b) a growing proportion of potential new entrants to the substance use market (i.e. 10-24 year olds) in Lublino District;
  - c) small households especially in Irkutsk and Lublino District;
  - d) homeless children
- Constrained access to basic facilities in Irkutsk and Ivanovo, and poor up-keep of facilities in Ivanovo
- Health pressures such as
  - a) alcohol use (especially among adolescents), alcohol-related psychosis and hepatitis C (among adolescents) in Lublino District;
  - b) rising levels of tuberculosis in Ivanovo and Lublino District, HIV infection related to injecting drug use, hepatitis B and C in Ivanovo, and narcotic addiction in Lublino District among adolescents, females and in-patients in medical centres
- Economic pressures such as high levels of poverty in especially Ivanovo, female unemployment in Irkutsk, and income inequality in Lublino District
- Safety and security pressures such as high rates of reported crime, including reported substance-related offences (especially among juveniles)

**Key concerns: Youth KAP survey**

- All psychoactive substances, but especially alcoholic beverages (particularly beer), tobacco products and painkillers
- The use of (a) cannabis, heroin, cocaine and illicit substance mixtures in Irkutsk; (b) amphetamines and ecstasy in Ivanovo; and (c) hallucinogens and injecting drug use in Lublino District
- Males in Irkutsk, specifically regarding the use of substances other than painkillers, sedatives and to some extent champagne and wine
- Females in Ivanovo and to a lesser extent in Lublino District
- Older youngsters (14-21 year olds)
- Long-term use of beer, champagne, wine, hard liquor and cigarettes

- Regular (at least weekly) substance use, particularly (a) in Irkutsk, (b) among males in Irkutsk and Lublino District, and (c) among females in Ivanovo
- Heavy intake of cigarettes (at least five cigarettes a day), especially among late adolescent (17-21 year old) males and mid-adolescent (14-16 year old) females in Ivanovo
- Starting substance use in early adolescence (10-16 years age group), particularly among males and in respect of females in Irkutsk with regard to the use of cannabis
- Approval of youth substance use, particularly in Irkutsk, among males and mid-adolescents (14-16 years), and with regard to heavy cigarette use (smoking 10 or more cigarettes per day) as well as regular drinking (taking one or two drinks several times a week)
- Youth perceptions that youth substance use does not entail risk, particularly (a) in Irkutsk and to a lesser extent in Ivanovo with regard to regular drinking (one or two drinks several times a week); (b) in Ivanovo and Irkutsk with regard to the use (once or twice) of cocaine and heroin, injecting drugs; and (c) male youngsters in Irkutsk and Lublino District
- Youth “normalizing” the use of the licit substances alcohol and tobacco, i.e. using these substances at social gatherings (i.e. in company) at a variety of key places of interaction, e.g. the premises of educational institutions, private homes, streets, places and times of recreation such as clubs, discos, parties and holidays
- Youth expectations of rewards in the case of psychoactive substance use, i.e. expectations of mood and communication improvement, fun/pleasure and “unusual/new” feelings in Irkutsk; curiosity and a need for “new” experiences, for socially “fitting in” and for escaping problems (e.g. family breakdown) in Ivanovo; and a need for stress relief or “escape” from difficulties, for “unusual/new” feelings, for self-affirmation, to be “fashionable” and for improved social communication in Lublino District
- Substance use—particularly regarding cigarettes and alcohol—occurring in the immediate social environment of youngsters, e.g. among the youngsters’ closest friends, older siblings and (step) parents

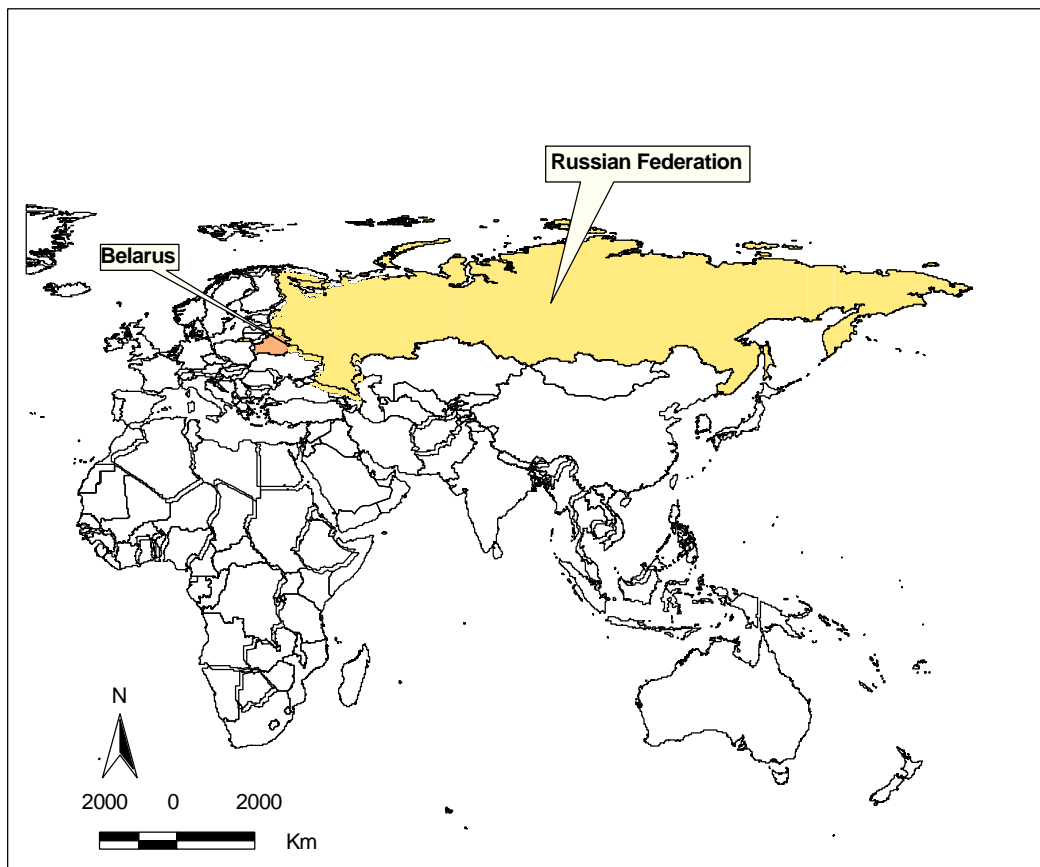
### 3.5.2 Intervention priorities

The above concerns and preferences expressed by community leaders suggest the following intervention priorities in which young people should participate:

- Facilitating economic development (especially in Ivanovo), building social cohesion, reducing the availability and approval of substances (especially licit substances), disentangling the substance-crime connection, increasing cooperation between agencies working on prevention of substance use (especially between the public and private sector), as well as raising commitment towards implementation of effective prevention activities
- through especially mobilizing (a) increased state funding for preventive action; (b) the participation/support of mass media agencies; (c) voluntary peer support groups (e.g. Alcoholics Anonymous); (d) youth development or “empowerment” programmes that, for example, “popularize” spiritual values and healthy lifestyles, that strengthen youngsters’ self-image, motivation and ability to resist substance use; and (e) effective substance use-related rehabilitation/treatment services, and
- insisting on increased licit income generation; a reduction in the availability of licit substances (e.g. in the number of trade outlets and advertisements); increased deterrence of trafficking in illicit substances; increased social support groups, youth empowerment groups, and effective treatment services; non-approval of substance use and interagency agreements.



DISCUSSION AND CONCLUSION



The presentation of material on the maps contained herein does not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or areas or of its authorities, or concerning the delineation of its frontiers or boundaries.

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Public Health Mapping Group  
Communicable Diseases (CDS)  
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The findings from Belarus and the Russian Federation suggest that young people were vulnerable to substance use and related consequences on a broad front. Young people were exposed to various “pressures” towards substance use at the individual and small group level. They were also living in an environment characterized by deteriorating economic conditions conducive to trade in licit and illicit substances. The young people were socially exposed and even encouraged towards substance use, ever so often by close associates. Social “pressure” towards substance use was strengthened by orientations conducive to such use, e.g. social approval of substance use, a belief that substance use did not entail risks, a belief that usage was gratifying and a belief that social censure against the use of substances was limited and that it was easy to obtain substances. This all contributed to tolerance towards substance use among the young people, especially in respect of licit substances. Substance use was intensifying in the communities concerned. The range of substances used and the categories of users were widening, e.g. illicit substance use and the variety of illicit substances were expanding, and “traditional” male predominance among users of substances was fading. Lack of effective primary prevention efforts by civil society institutions further increased the young people’s vulnerability.

More specifically, alcohol and tobacco use was widespread among the young peoples’ seniors and peers in all the sites, and licit substance use was an integral part of day-to-day life. In the Belarus sites substance use was particularly common among 15-19 year olds, with licit substance use predominating in Central District and illicit substance use in Partizanski District. In the Russian Federation sites young people used a wider variety of substances than in the Belarus sites. Lifetime use of illicit substances such as, cannabis, heroin and cocaine tended to be particularly common among young people in Irkutsk, the use of amphetamines and ecstasy among young people in Ivanovo, and hallucinogen use and drug injecting among young people in Lublino District.

Substance use in the close social circles within which youngsters lived increased opportunities for using substances. In the Belarus sites, close friends and fathers, for example, ever so often smoked cigarettes, and a variety of close associates used alcohol. In the Russian Federation sites, alcohol use was particularly widespread among the close associates of the young people in Lublino District. In Irkutsk, females tended to predominate among young people in the lower age group (10-13 years) who reported substance use among their close associates (especially closest friends and older siblings), with males taking this position among 14-16 year olds and females again taking precedence among 17-21 year olds.

In all the sites, onset of the commonly used substances occurred at a time when the young people were quite vulnerable (between 10 and 16 years). At this time young people often move away from the “secluded” environment of the parental home into the less regulated public domain with its variety of social influences. Some adolescents were not only exposed to the wide array of influences in the public domain but were also offered substances in the “parental”/family home. In the Belarus sites family members featured fairly prominently as the providers of the first alcoholic beverages to the young people in Partizanski District and to some extent in Central District.

In line with their own substance use practices, most young people in sites in Belarus approved licit substance use among their peers. Youth use of cigarettes tended to be approved in Central District rather than in Partizanski District. Approval of the use of cannabis and cocaine was more common in Partizanski District than in Central District, and the occasional use of amphetamines, heroin and hallucinogens in Central District. Furthermore, young people in Partizanski District rather than in Central District regarded the use of psychoactive substances by their peers as entailing no or a slight risk. Considering that illicit substance use among young people was predominantly common in Partizanski District, it is not surprising that young people in this site approved of the legalization of illicit substances. Young people in Partizanski District rather than in Central District also tended to believe that it was fairly/very easy to obtain illicit substances such as cocaine, heroin and hallucinogens.

Young people in the Russian Federation sites tended to approve heavy youth use of cigarettes and regular youth drinking rather than other forms of youth substance use. Males rather than females, as well as 14-16 year olds rather than other age groups approved substance use among their peers. Across the sites in the Russian Federation, young people indicated regular drinking (one or two drinks several times a week), heavy smoking of cigarettes (10 cigarettes or more per day) and heavy weekend drinking (five or more drinks once or twice each weekend) rather than other forms of substance use as holding no risk.

Against the above background, broad-based interventions seem essential in the communities concerned, i.e. programmes that give balanced weight to supply and demand reduction, target young people as well as their associates (e.g. adults), improve living conditions, and ensure that community agencies mobilize towards and unite in preventive action.

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This report represents a summary of the baseline assessments conducted in the two Central and Eastern European countries. More detailed information is available upon request. The research institutions participating in the studies carried out literature reviews before the primary data were collected. The bibliography below is a compilation of selected key documents and articles used in the literature review and referenced in the comprehensive baseline report.

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