Standardized Data Collection System for Drug and Alcohol Treatment Facilities.

Drug Treatment in Jamaica

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Jamaica

Objectives

To present an overview of the Regional Treatment Data System

To present some results from the 2015 cycle of data collection

To present 2015 results from Jamaica

Introduction to CICAD

CICAD was created 30 years ago and currently serves the 34 members states of the OAS (Organization of American States)

CICAD's core mission is to strengthen the human and institutional capabilities and harness the collective energy of its member states to reduce the production, trafficking and use and abuse of drugs in the Americas.

Introduction to the Inter-American Observatory on Drugs

The 'OID' was created in 2000

It is the statistics, information and research unit of CICAD

It operates at the hemispheric level (i.e. we work to varying degrees with all countries in the hemisphere)

Its mission is to build a drug information network for the Americas

Drug Treatment data – Importance

Information about the number and characteristics of drug users who seek help and the treatment they receive is valuable for several reasons:
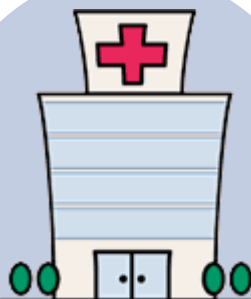
- Planning
- Management
- Needs Assessment
- Provide Epidemiological Indicators of drug problems
- Inform and develop drug policy

Rationale

Drug users are often difficult to reach

Treatment facilities provide an opportunity to observe what would otherwise be a 'hidden' problem

Limitations of Treatment Data

The quality of the data depends on how well agencies comply with data requirements. (Under-reporting is an example of a quality problem)

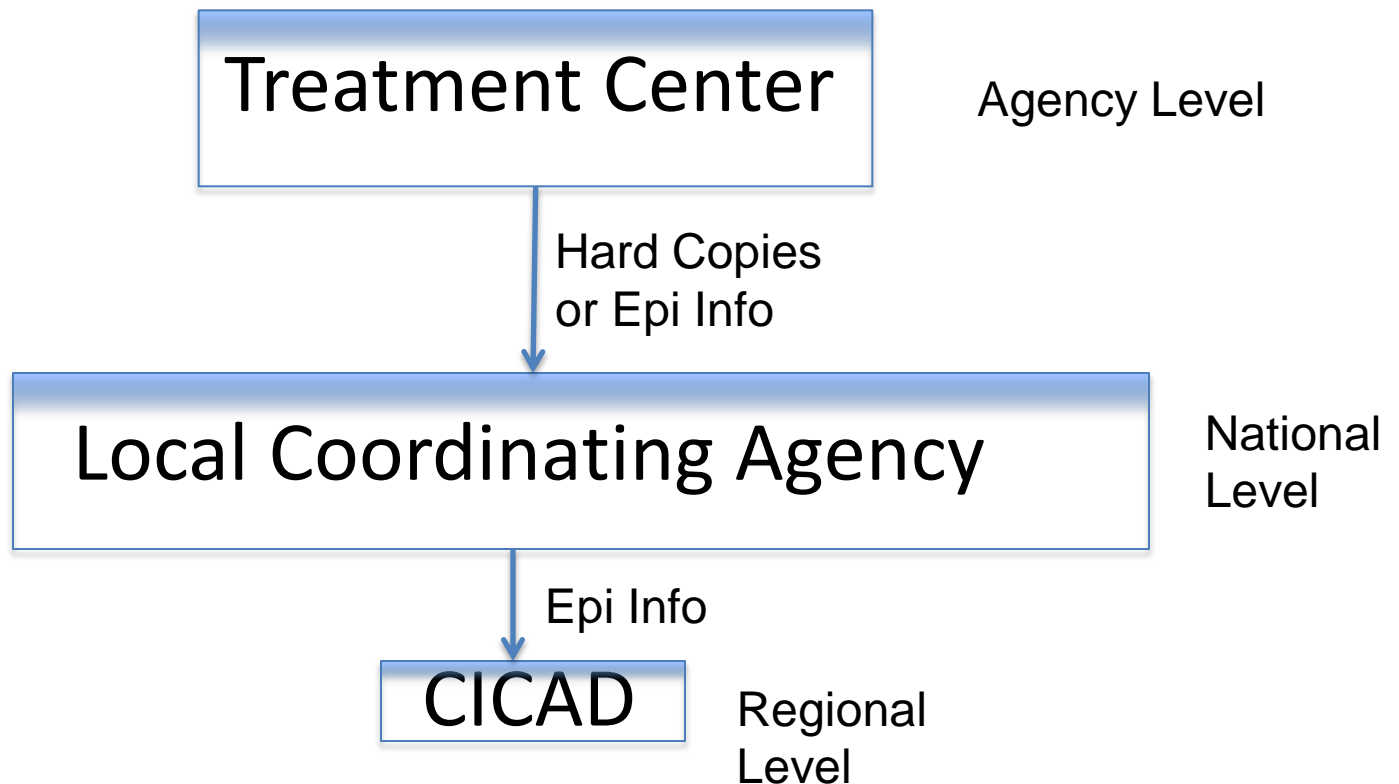Bias and external influences may affect the interpretation of the data

Data depends on the services available. Services for opiate use versus cocaine or marijuana.

Different types of agencies attract different types of clients

There is still a time lag between onset of use and treatment demand

Implementation

Treatment Center — Agency Level

Hard Copies or Epi Info

Local Coordinating Agency — National Level

Epi Info

CICAD — Regional Level

The objective of the TDP is to collect information on persons seeking treatment in all of our member states in a standardized way. This allows us to:

- Build a profile of the demographic characteristics, drug using behaviors, and treatment history, of these persons.
- Establish trends
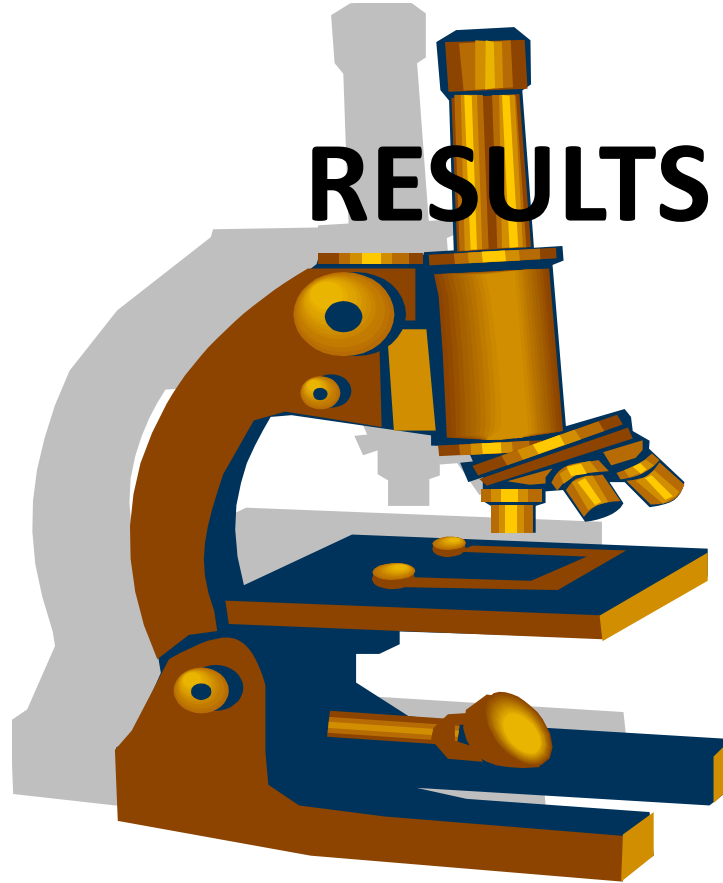- Identify risk factors for problematic drug use.

Patient tracking: i.e. tracking a patient as he or she advances through their treatment program.

Collect information that identifies specific individuals.

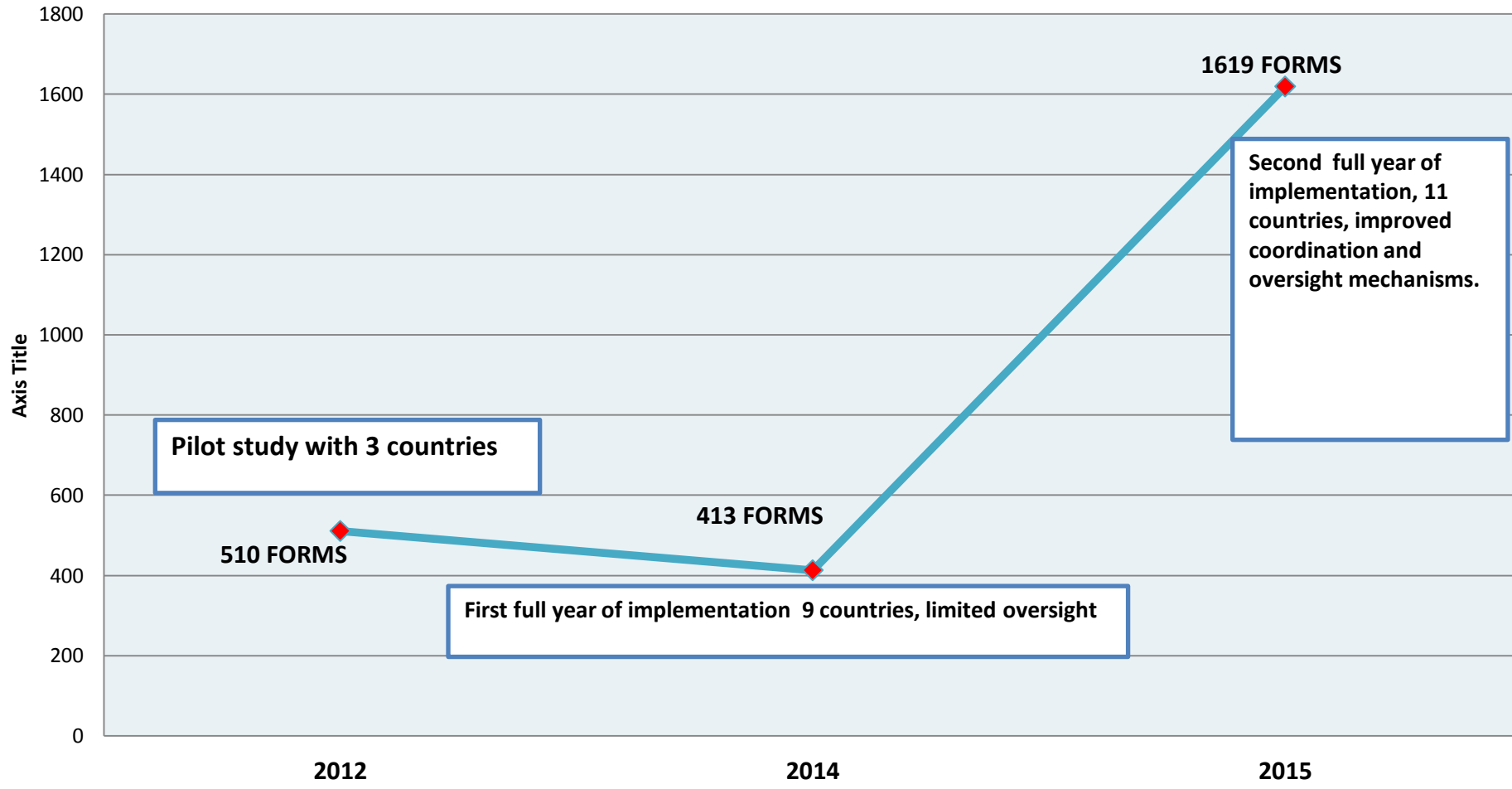Evaluate the effectiveness and or outcomes of a treatment center.

RESULTS

From Pilot to Present

Organization of American States

2012-2015

1619 FORMS

Second full year of implementation, 11 countries, improved coordination and oversight mechanisms.

Pilot study with 3 countries

413 FORMS

510 FORMS

First full year of implementation 9 countries, limited oversight

Axis Title

1800
1600
1400
1200
1000
800
600
400
200
0

2012   2014   2015

COUNTRY	PERCENT	# OF CASES	# OF CENTERS
ANTIGUA AND BARBUDA	0.43%	7	1
GRENADA	2.72%	44	2
HAÏTI	2.96%	48	5
ST. LUCIA	3.40%	55	1
BELIZE	5.00%	81	3
GUYANA	5.37%	87	2
THE BAHAMAS	8.40%	136	3
JAMAICA	13.03%	211	4
SURINAME	14.21%	230	5
BARBADOS	17.29%	280	4
TRINIDAD AND TOBAGO	27.18%	440	9
TOTAL	100.00%	1619	39

2015 TREATMENT CASES BY COUNTRY
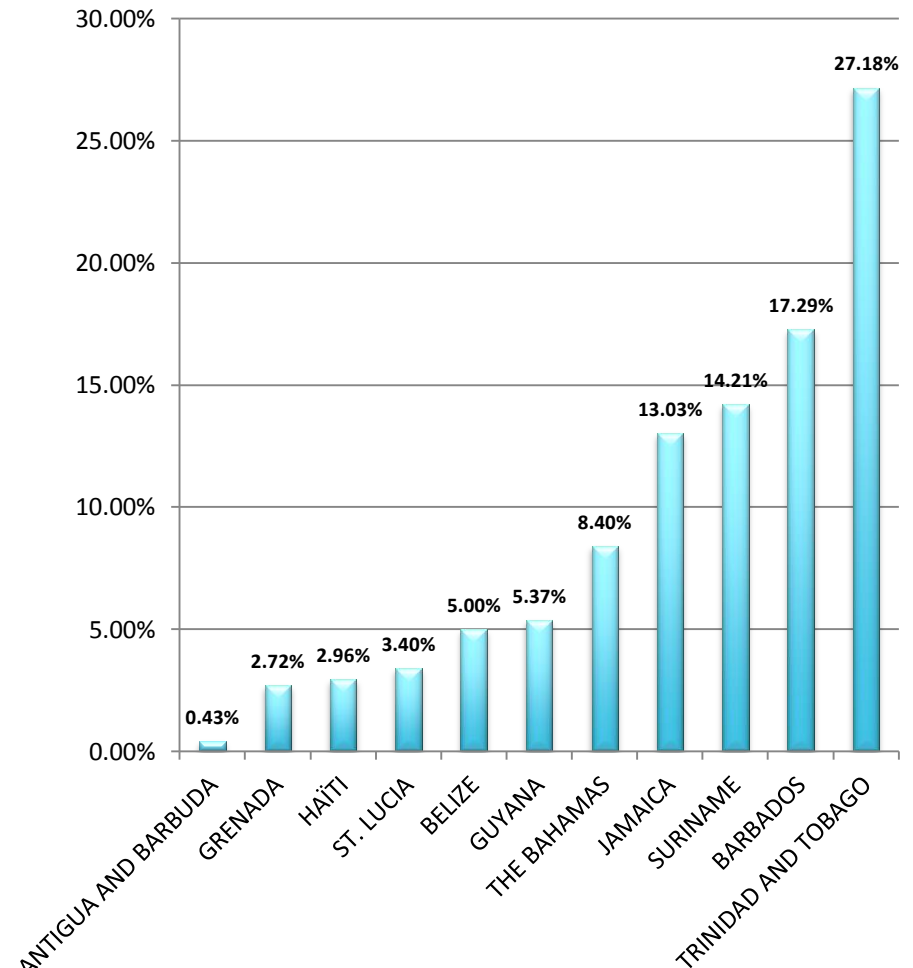
13
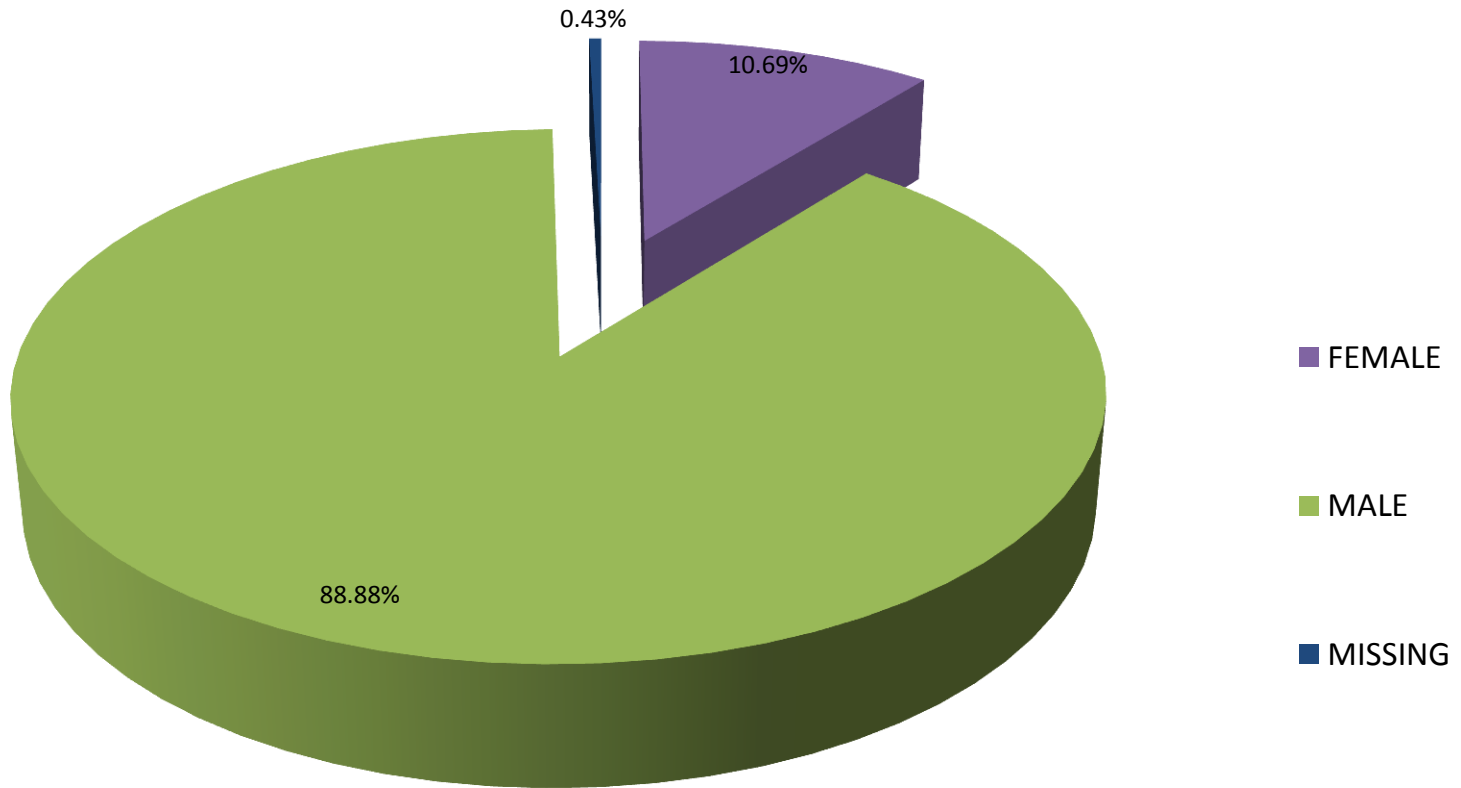
Organization of
American States

SEX OF PERSONS SEEKING TREATMENT

- FEMALE
- MALE
- MISSING

0.43%
10.69%
88.88%

SEX OF PERSONS IN TREATMENT BY COUNTRY

	ANTIGUA	BAHAMAS	BARBADOS	BELIZE	GRENADA	GUYANA	HAÏTI	JAMAICA	ST. LUCIA	SURINAME	TRINIDAD AND TOBAGO
FEMALE	42.86%	6.62%	12.86%	11.11%	11.36%	9.20%	22.92%	9.00%	16.36%	5.65%	11.59%
MALE	57.14%	93.38%	85.00%	88.89%	88.64%	90.80%	77.08%	91.00%	83.64%	94.35%	88.18%
MISSING			2.14%								0.23%

15
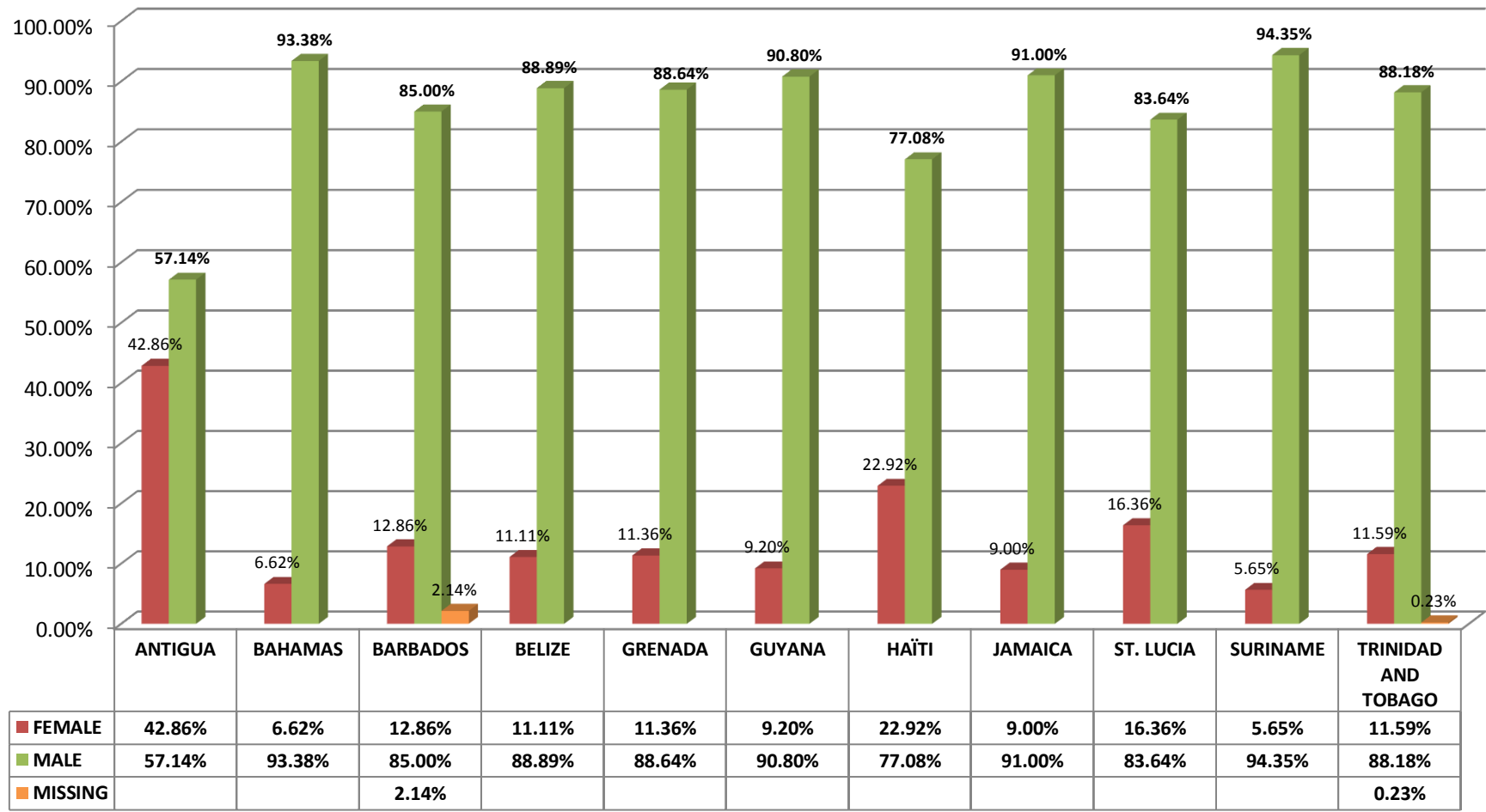
AGE RANGE OF PERSONS SEEKING TREATMENT
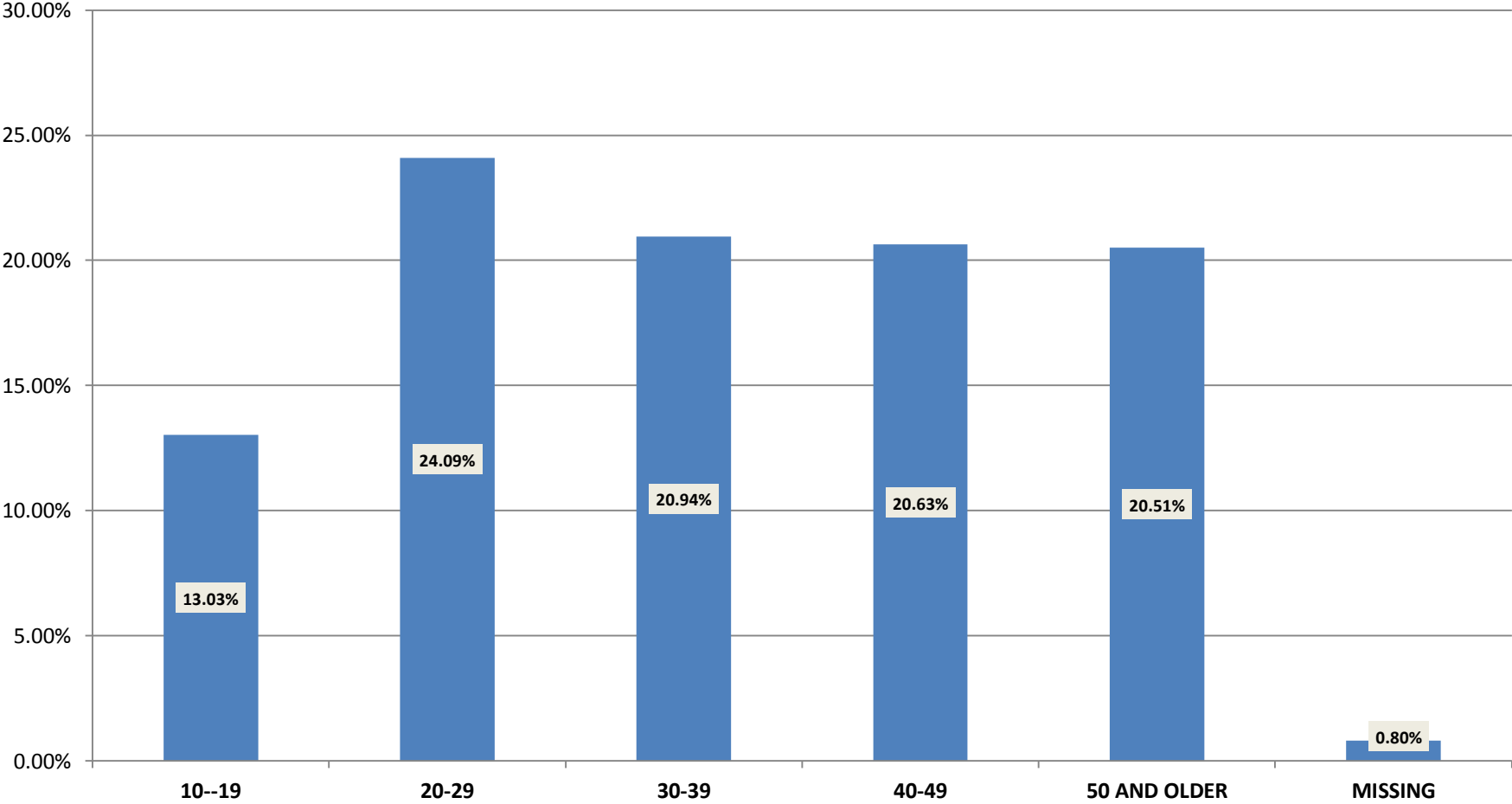
Organization of American States

ETHNICITY OF PERSONS SEEKING TREATMENT

AFRICAN ORIGIN/BLACK: 59.23%
EAST INDIAN: 17.17%
MIXED: 12.04%
CREOLE: 1.61%
MESTIZO/SPANISH: 1.48%
WHITE: 1.36%
INDIGENOUS PEOPLE: 1.17%
MAROON: 0.99%
JAVANESE: 0.74%
SYRIAN/LEBANESE/ARAB: 0.37%
GARIFUNA: 0.31%
MAYA (KETCHI, MOPAN, YUCATEC): 0.31%
CHINESE: 0.25%
PORTUGUESE: 0.06%
NO RESPONSE: 1.73%
MISSING: 0.62%
OTHER: 0.56%
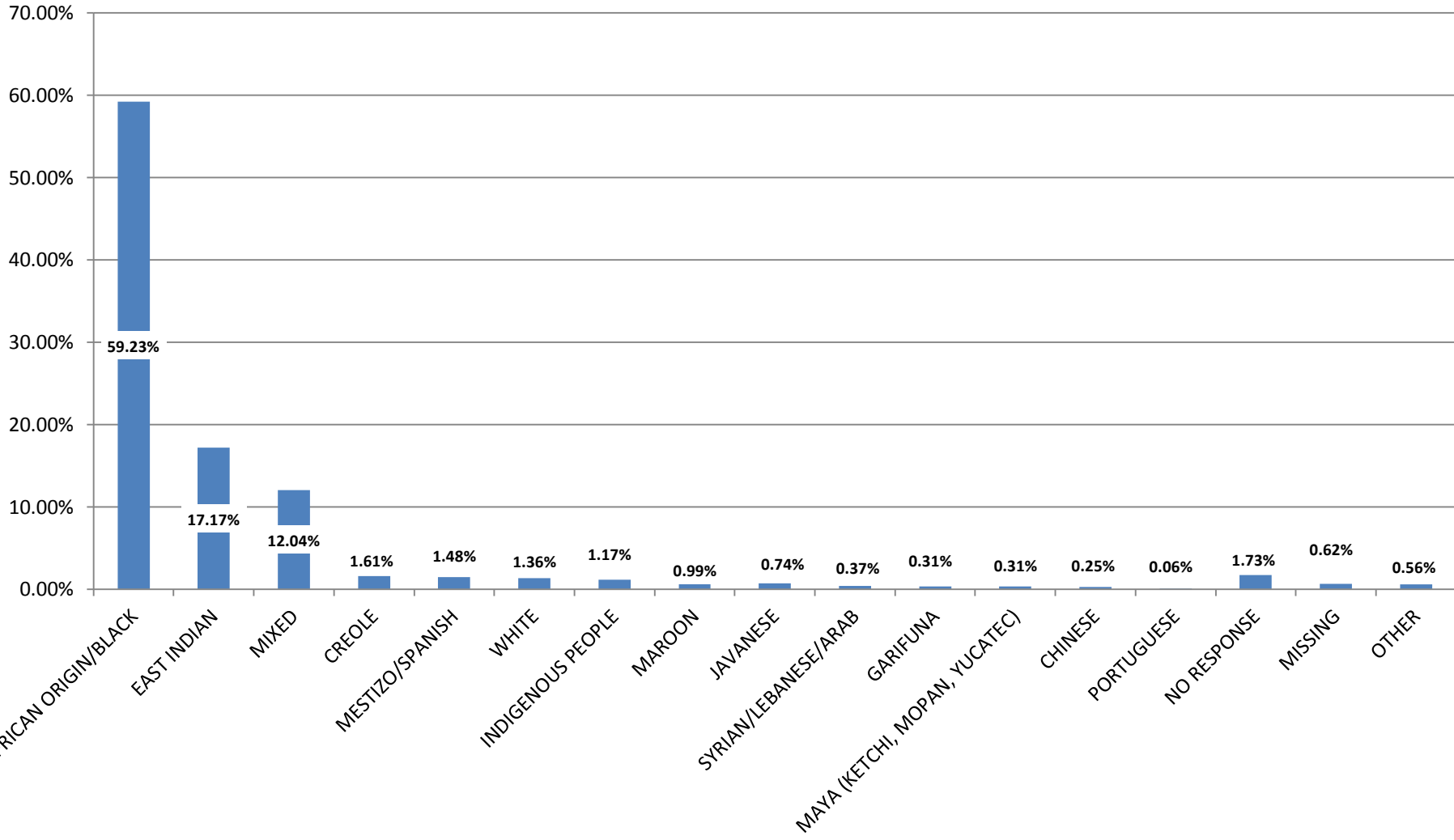
LIVING ARRANGEMENTS 30 DAYS PRIOR TO SEEKING TREATMENT
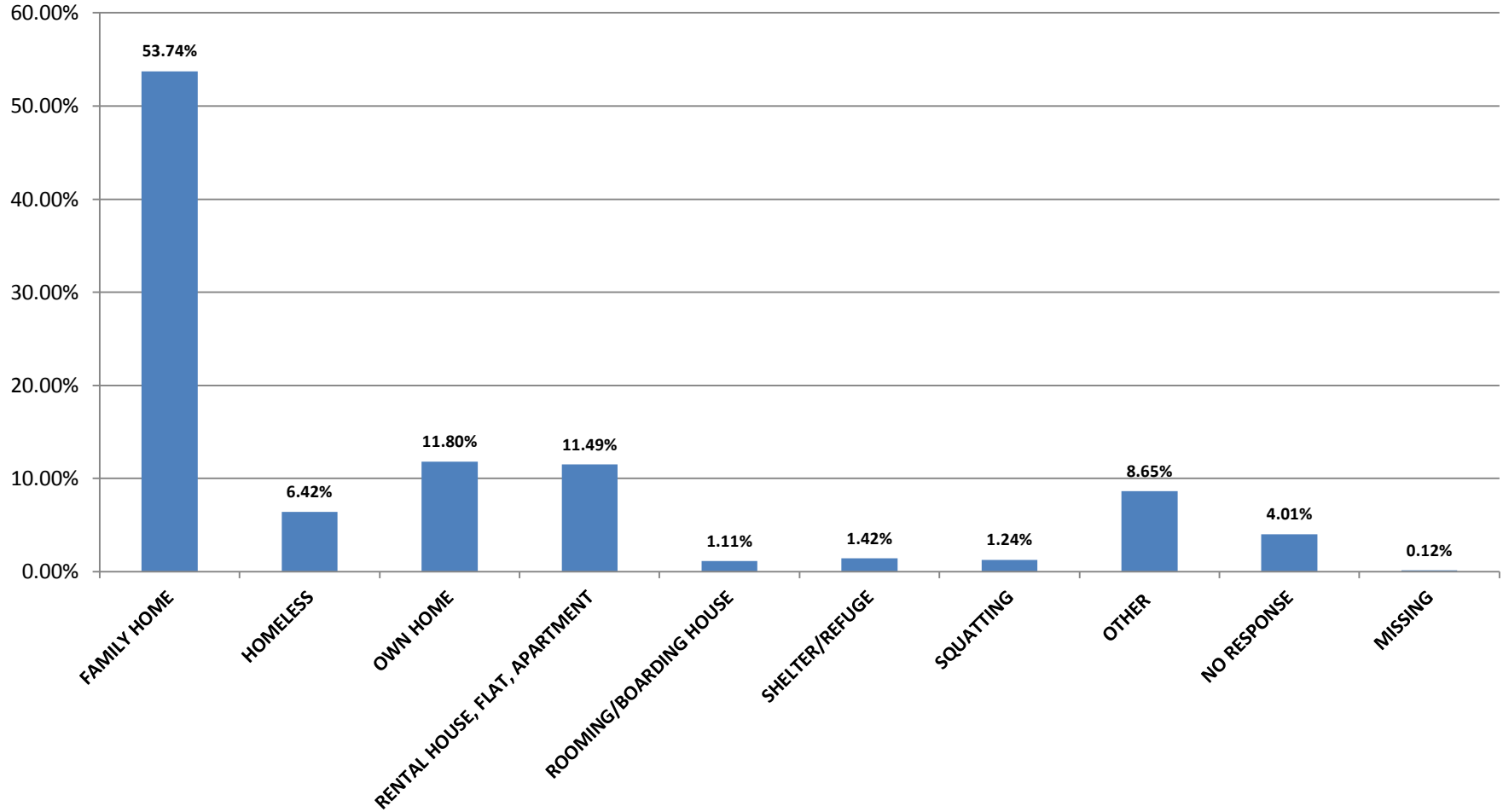
Living Arrangement	Percentage
FAMILY HOME	53.74%
HOMELESS	6.42%
OWN HOME	11.80%
RENTAL HOUSE, FLAT, APARTMENT	11.49%
ROOMING/BOARDING HOUSE	1.11%
SHELTER/REFUGE	1.42%
SQUATTING	1.24%
OTHER	8.65%
NO RESPONSE	4.01%
MISSING	0.12%

LEVEL OF EDUCATION OF PERSONS SEEKING TREATMENT

Organization of
American States

EMPLOYMENT STATUS OF PERSONS SEEKING TREATMENT

Categories (x-axis):
- HOMEMAKER/HOUSEWIFE — 0.49%
- NOT WORKING/ RETIRED (retiree, disabled) — 4.08%
- NOT WORKING/STUDENT — 11.86%
- UNEMPLOYED (looking for work) — 30.88%
- WORKING AND STUDYING — 1.91%
- WORKING/SELF-EMPLOYED — 44.10%
- NOT WORKING OTHER — 4.08%
- NO RESPONSE — 2.47%
- MISSING — 0.12%
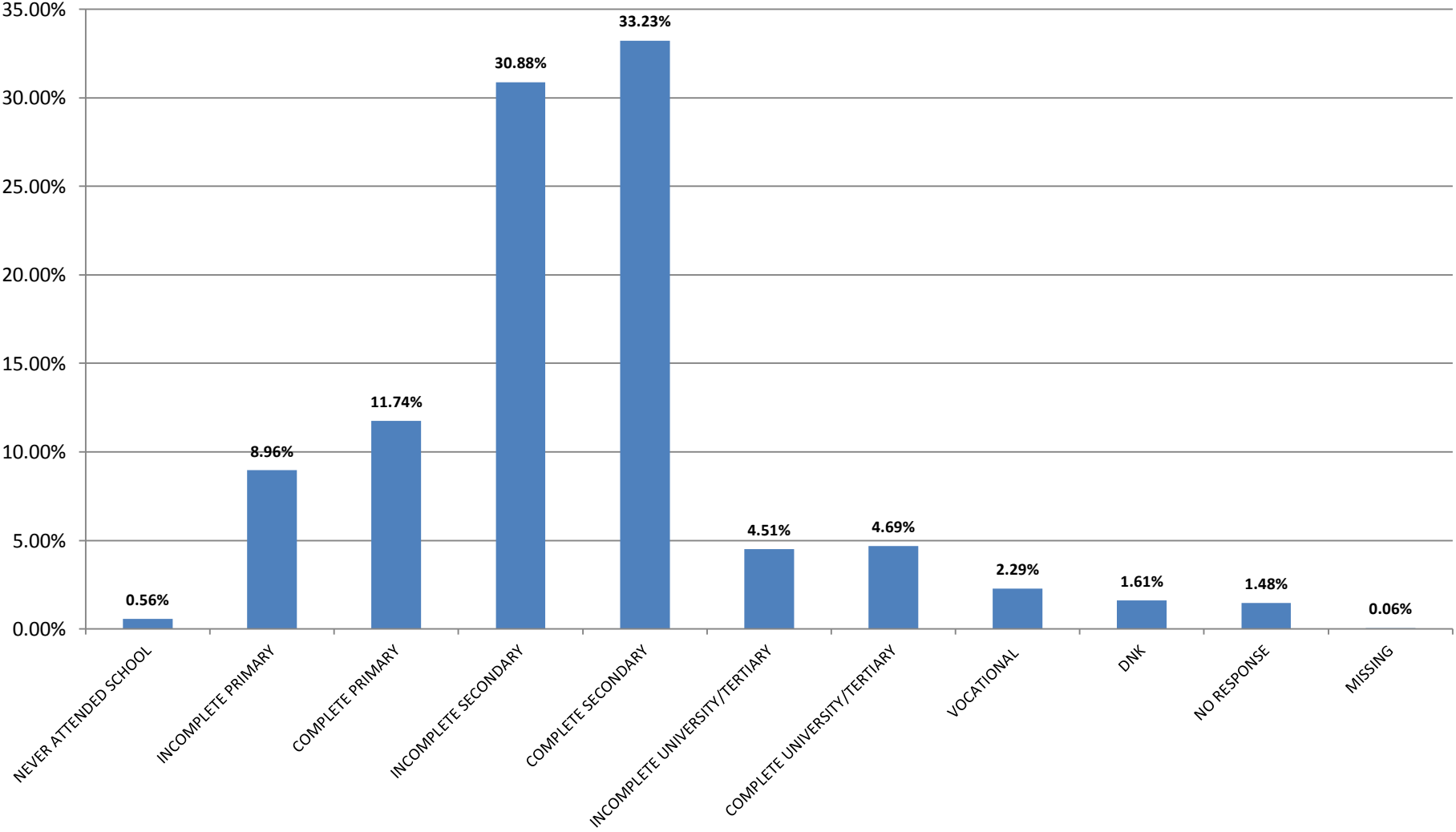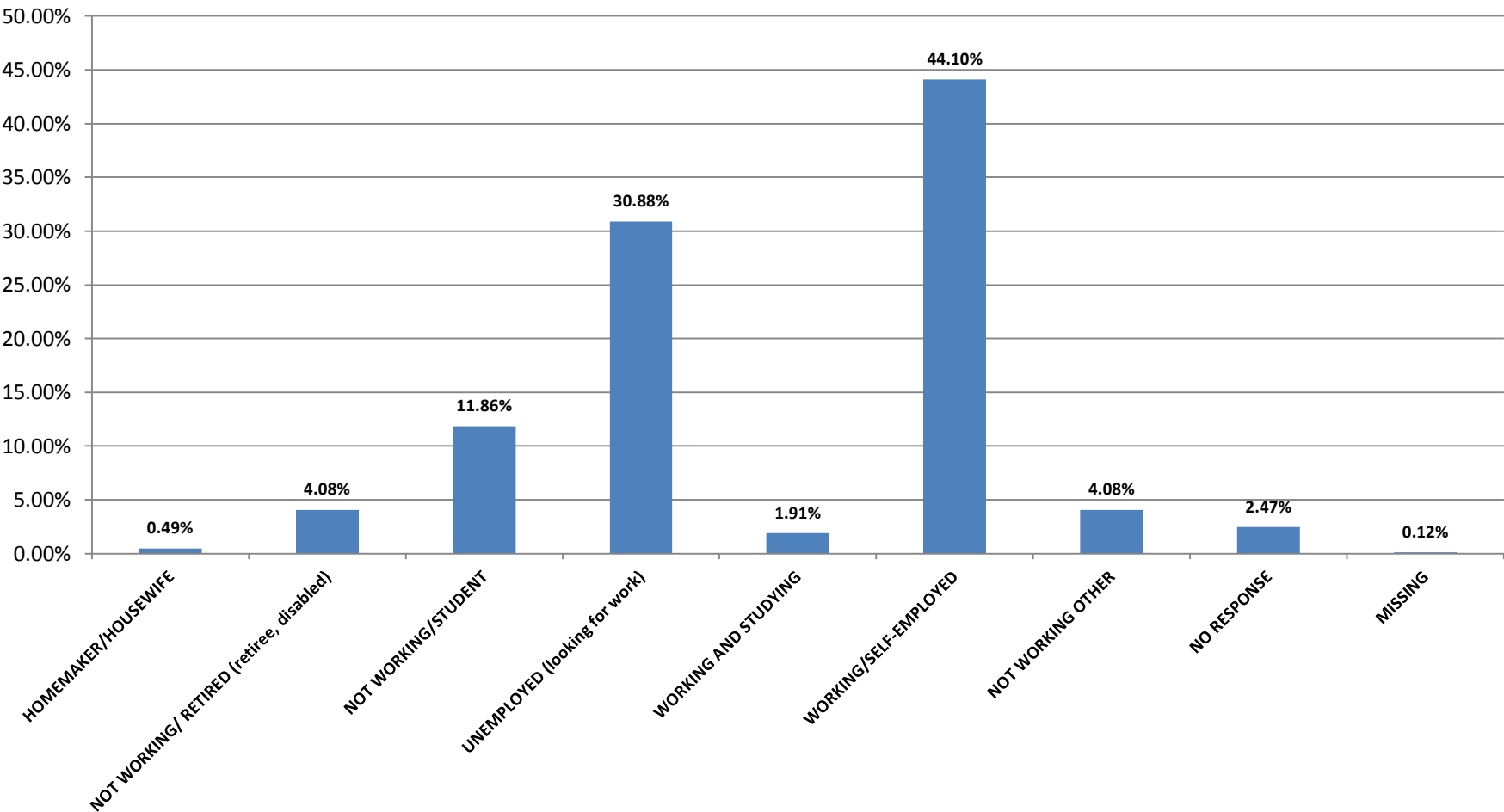
Organization of American States

SOURCE OF REFERRAL TO TREATMENT
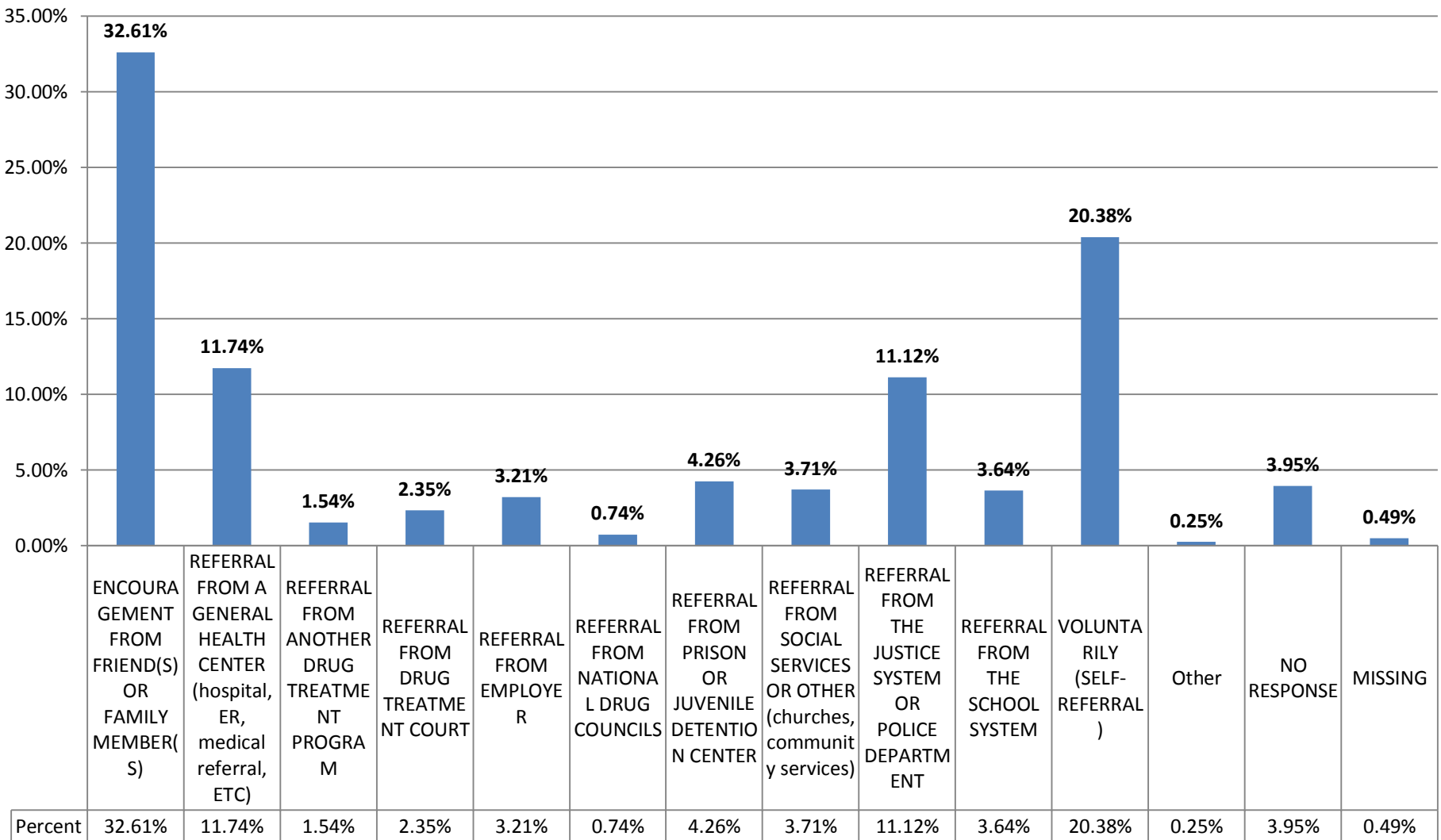
	ENCOURAGEMENT FROM FRIEND(S) OR FAMILY MEMBER(S)	REFERRAL FROM A GENERAL HEALTH CENTER (hospital, ER, medical referral, ETC)	REFERRAL FROM ANOTHER DRUG TREATMENT PROGRAM	REFERRAL FROM DRUG TREATMENT COURT	REFERRAL FROM EMPLOYER	REFERRAL FROM NATIONAL DRUG COUNCILS	REFERRAL FROM PRISON OR JUVENILE DETENTION CENTER	REFERRAL FROM SOCIAL SERVICES OR OTHER (churches, community services)	REFERRAL FROM THE JUSTICE SYSTEM OR POLICE DEPARTMENT	REFERRAL FROM THE SCHOOL SYSTEM	VOLUNTARILY (SELF-REFERRAL)	Other	NO RESPONSE	MISSING
Percent	32.61%	11.74%	1.54%	2.35%	3.21%	0.74%	4.26%	3.71%	11.12%	3.64%	20.38%	0.25%	3.95%	0.49%
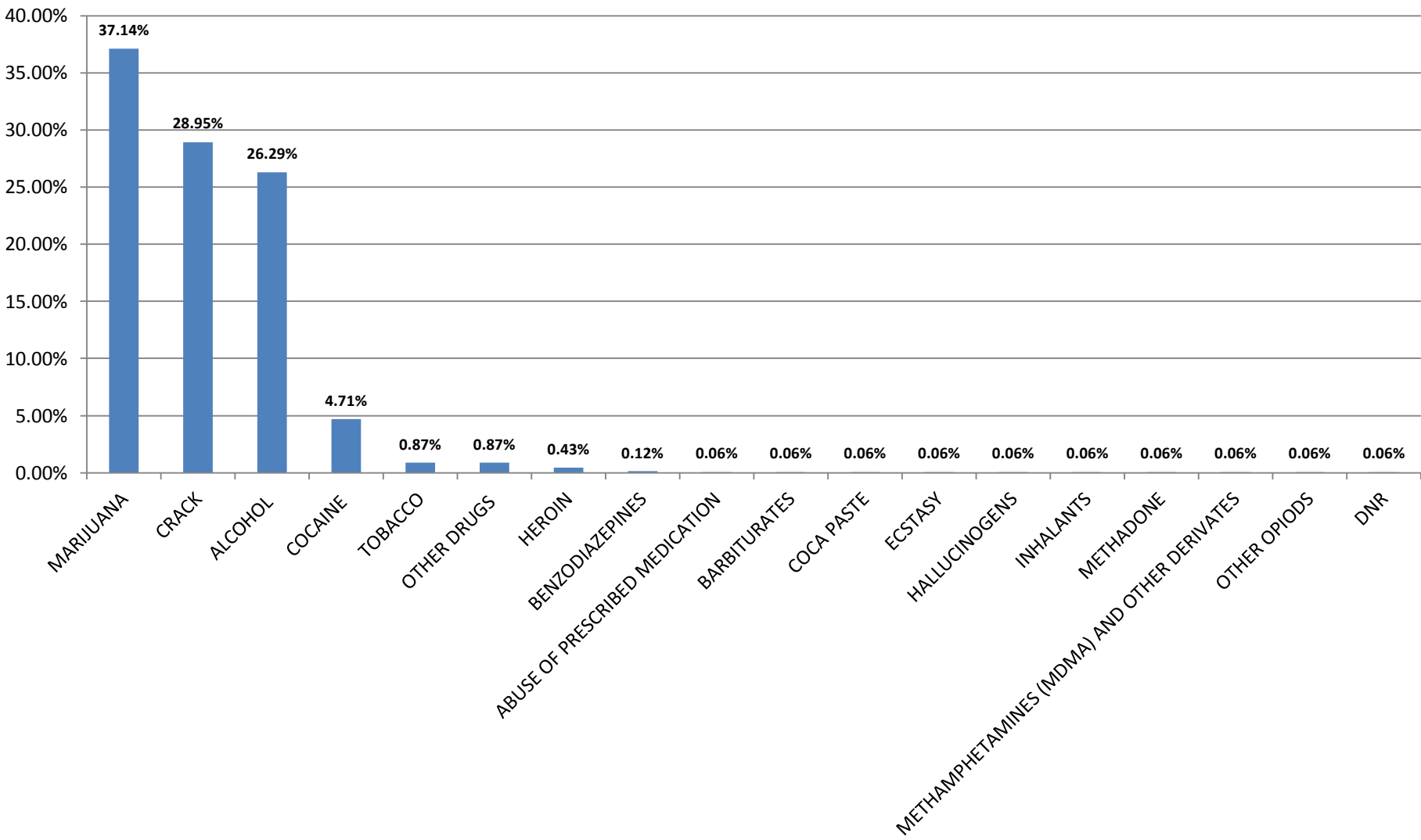
MAIN SUBSTANCE IMPACTING TREATMENT

AGE OF FIRST USE BY SUBSTANCE OF USE OF PERSONS SEEKING TREATMENT

	01--09	10--19	20-29	30-39	40-49	50 AND OVER
■ MARIJUANA	3.56%	82.56%	13.17%	0.53%		0.18%
■ CRACK	0.71%	40.28%	41.94%	11.85%	4.27%	0.95%
■ ALCOHOL	3.08%	64.78%	25.45%	3.86%	2.31%	0.51%
■ COCAINE		43.48%	50.72%	4.35%	1.45%	
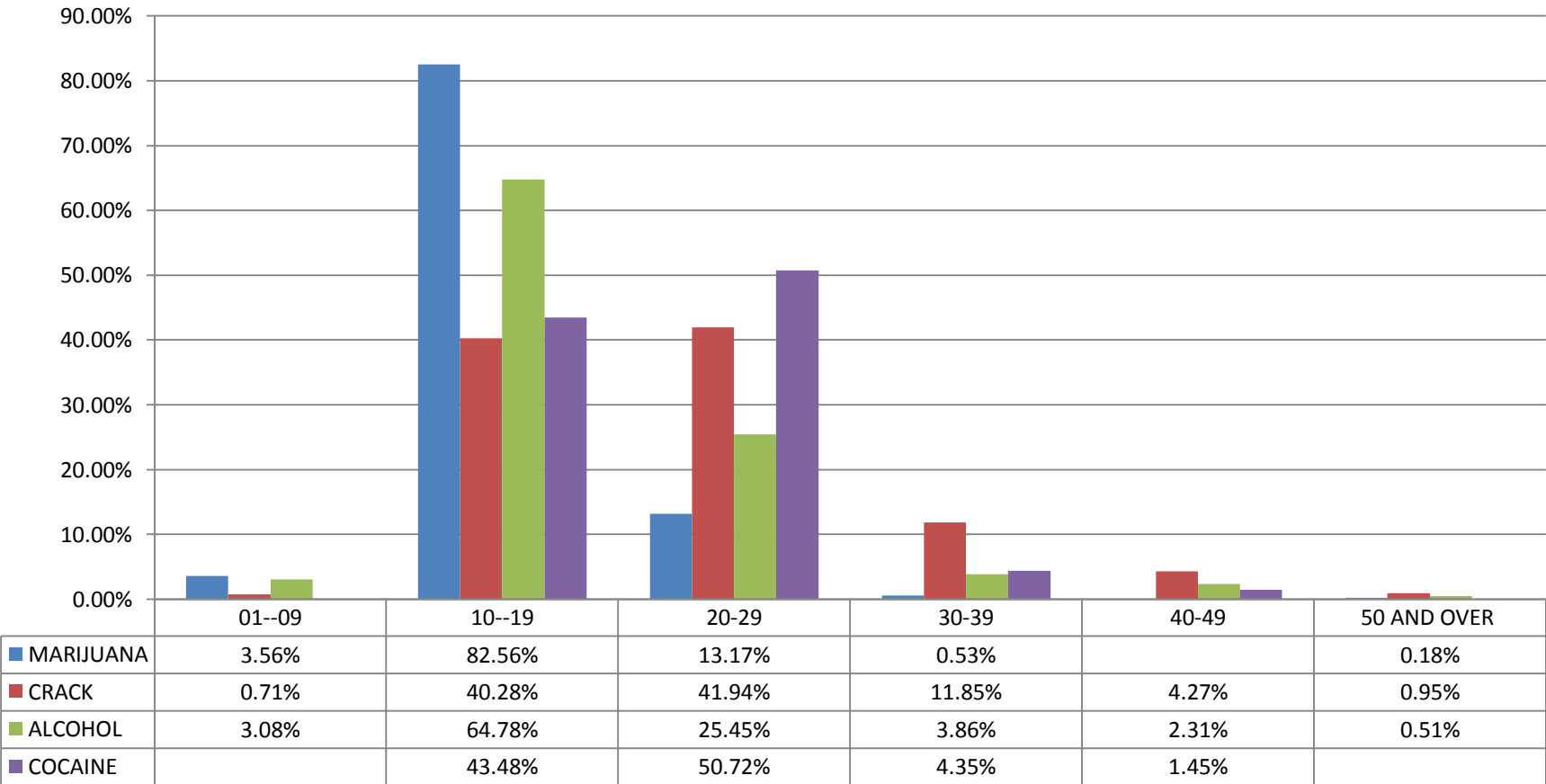
Organization of
American States

LIFETIME TREATMENT HISTORY OF PERSONS SEEKING TREATMENT
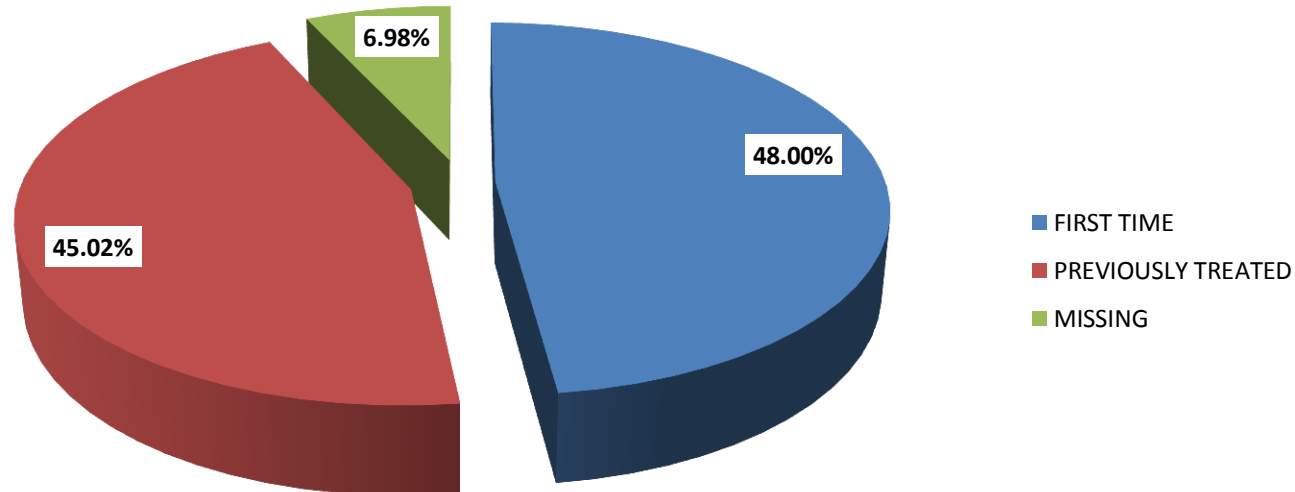
6.98%

48.00%

45.02%

- FIRST TIME
- PREVIOUSLY TREATED
- MISSING

TYPE OF TREATMENT PREVIOUSLY ENROLLED (N=729)
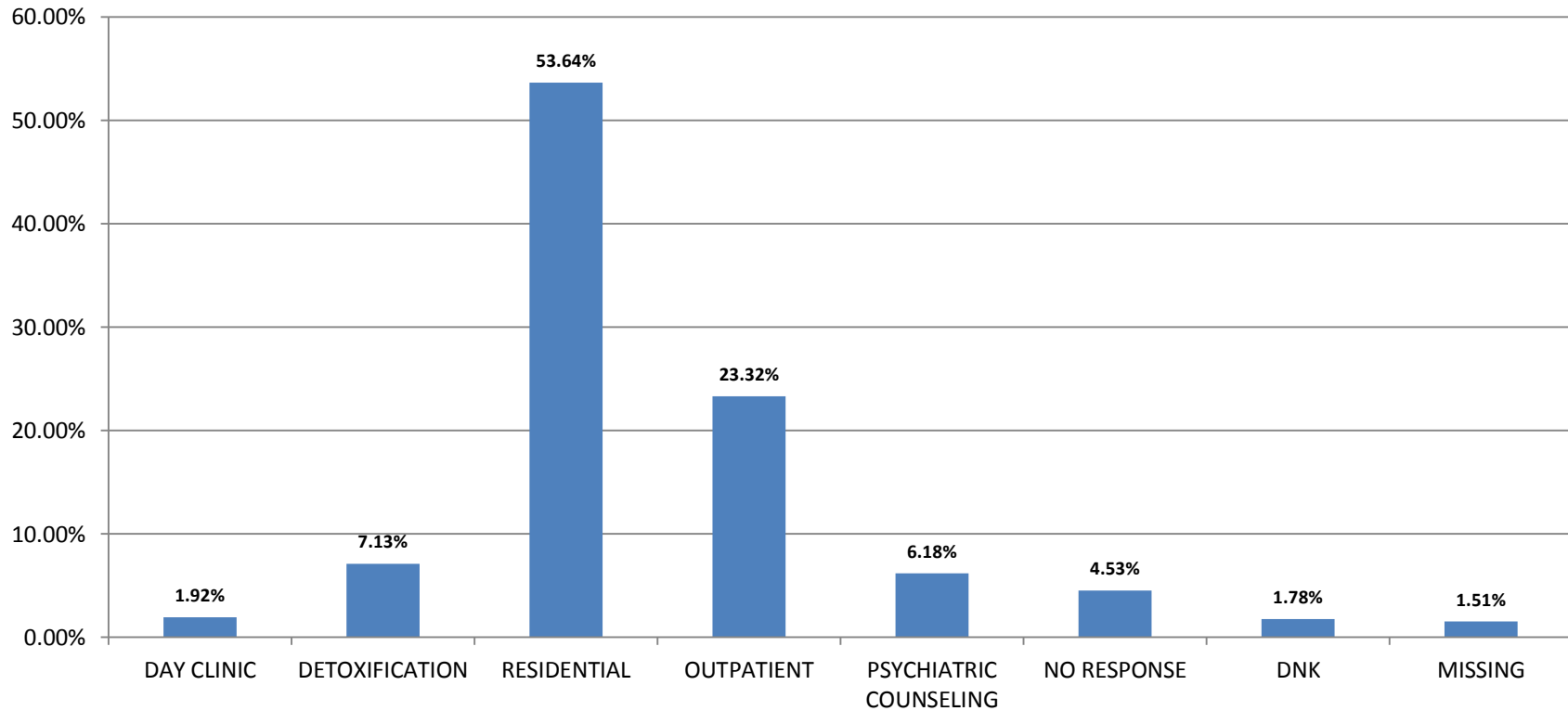
Bar chart showing percentages by type of treatment:
- DAY CLINIC: 1.92%
- DETOXIFICATION: 7.13%
- RESIDENTIAL: 53.64%
- OUTPATIENT: 23.32%
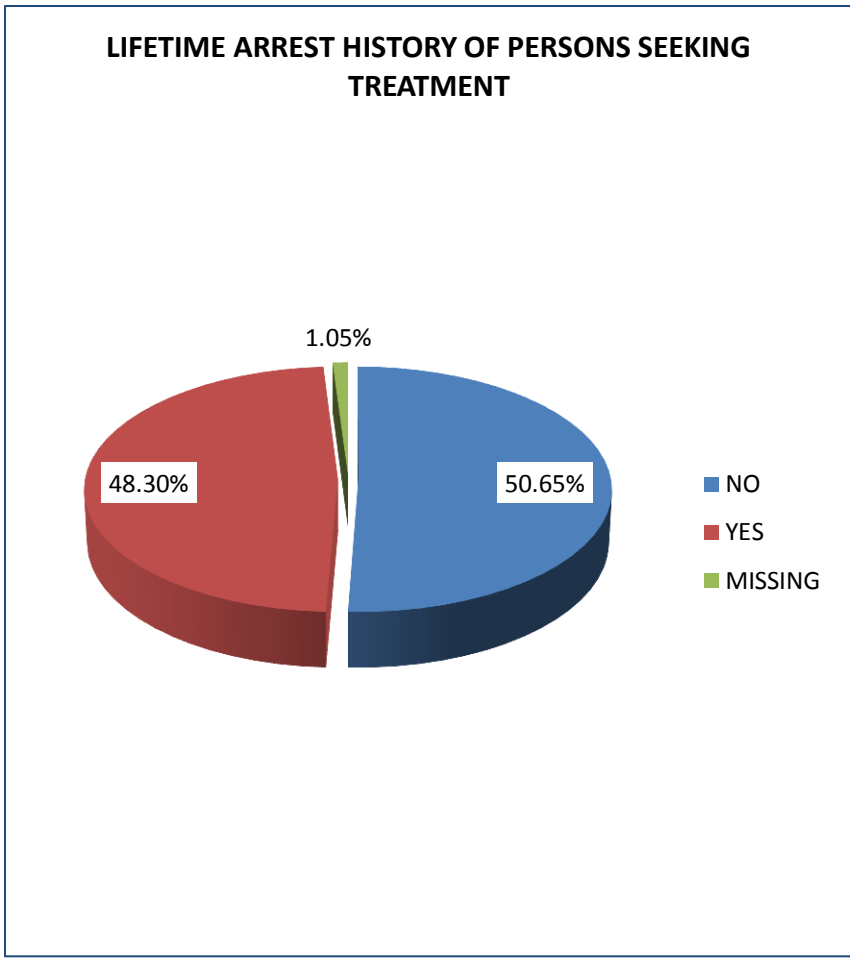- PSYCHIATRIC COUNSELING: 6.18%
- NO RESPONSE: 4.53%
- DNK: 1.78%
- MISSING: 1.51%

COMPLETION STATUS OF PREVIOUS TREATMENT RECIEVED (N=729)
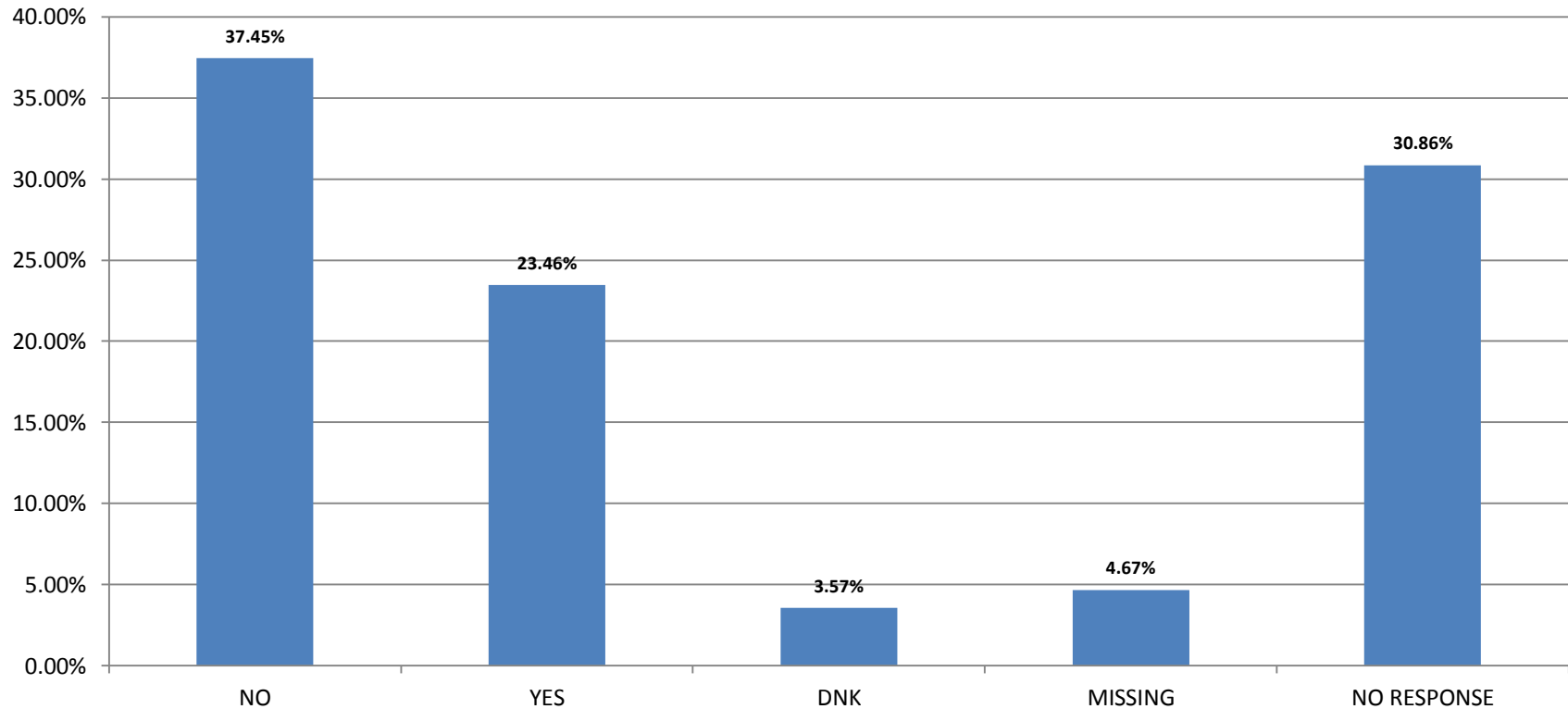
CRIMINAL JUSTICE INTERACTION AND MENTAL HEALTH
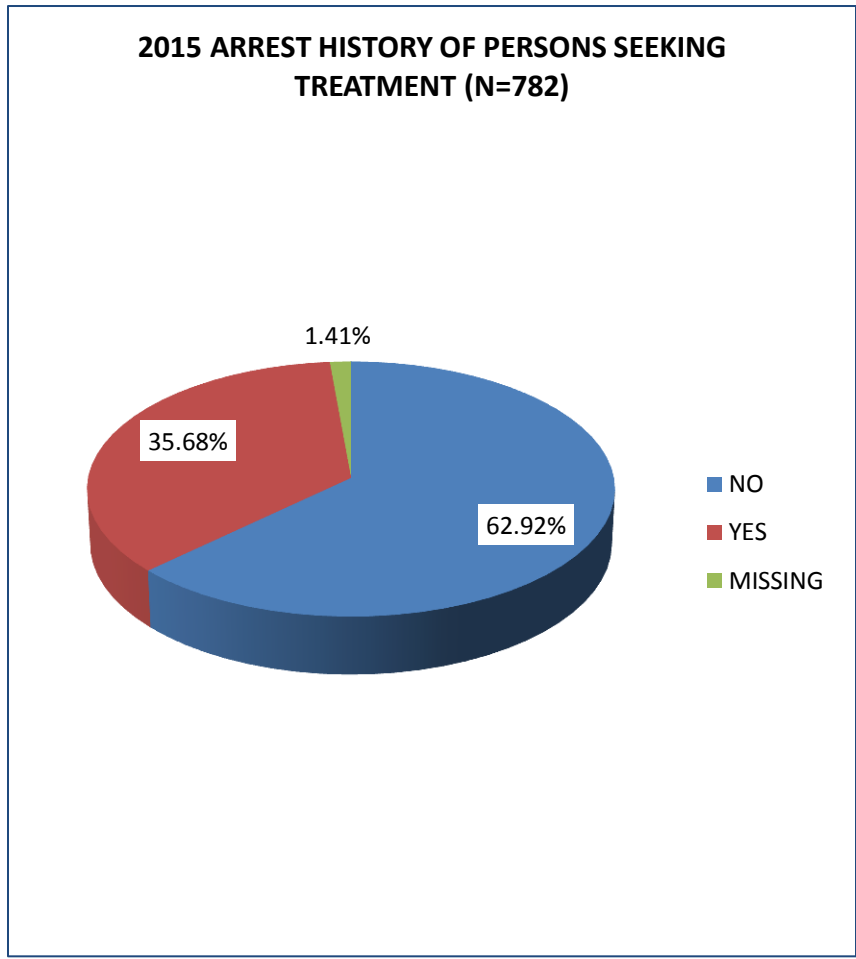
LIFETIME ARREST HISTORY OF PERSONS SEEKING TREATMENT

- NO 50.65%
- YES 48.30%
- MISSING 1.05%

2015 ARREST HISTORY OF PERSONS SEEKING TREATMENT (N=782)

- NO 62.92%
- YES 35.68%
- MISSING 1.41%

DIAGNOSED PSYCHIATRIC DISORDER

Bar chart showing: YES 21.06%, NO 69.98%, NO RESPONSE 8.89%, MISSING 0.06%
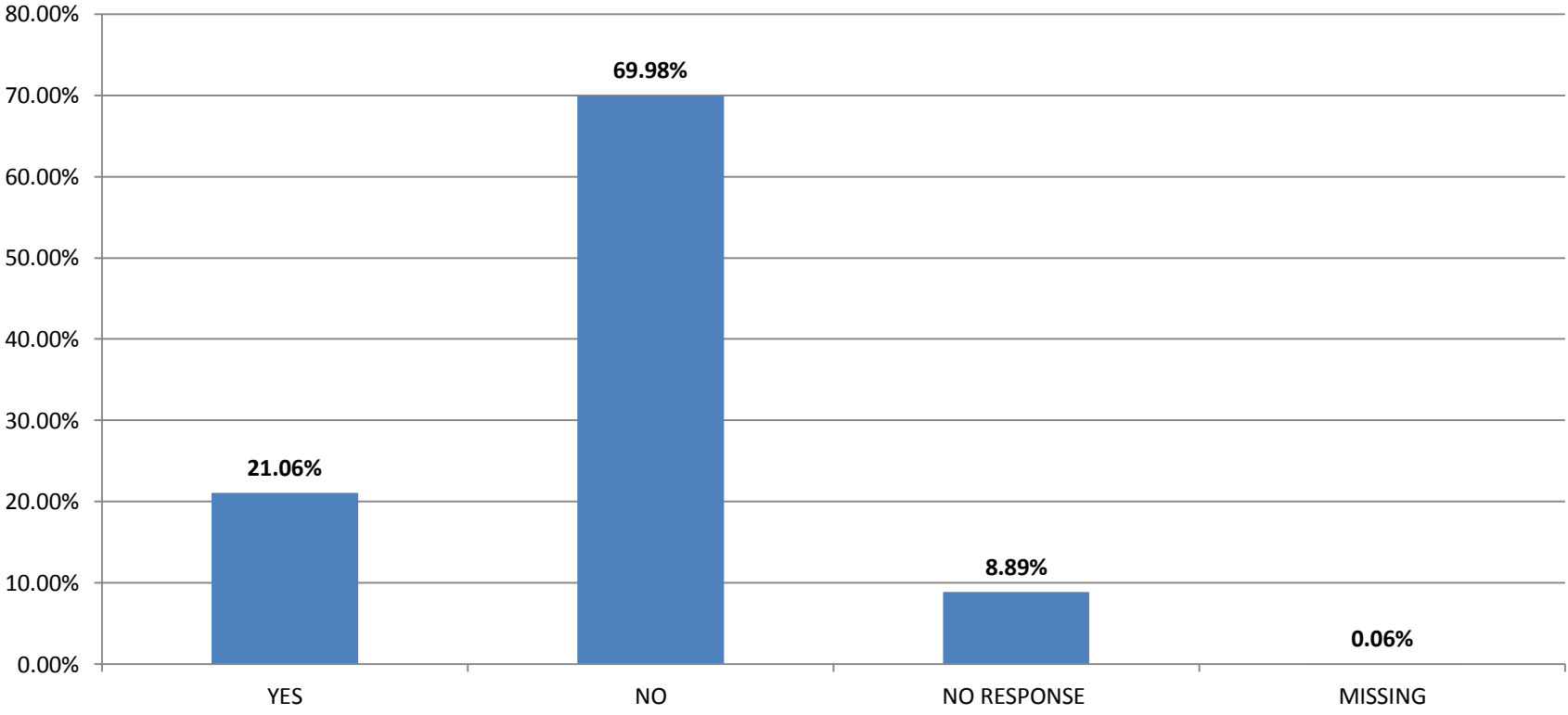
PLACEMENT AFTER ASSESSMENT

REGIONAL	
PLACEMENT AFTER ASSESSMENT	**#**
RESIDENTIAL	832
OUTPATIENT	439
DETOX UNIT	307
SELF-HELP	188
DAY CLINIC	121
PSYCHIATRIC UNIT	77
OTHER FACILITY	36
NO RESPONSE	128

Conclusions from Regional Data

The main substance impacting treatment across the region is marijuana (37.14%), followed by crack (28.95%) and Alcohol (26.29%)

Of the 1619 persons seeking treatment across the region, 11% were females and 89% males.

Most persons who were seeking treatment for problematic marijuana use, indicated that they started using the substance between 10-19 years old (82%) with almost 4% stating that they started between 01-09 years old.

45% of persons seeking treatment across the region indicated that they were previously registered into a treatment program, with 23% stating that they had completed that treatment and 37% indicating that they did not complete that treatment.

48% of persons seeking treatment across the region indicated that they were arrested at least once in their lifetime

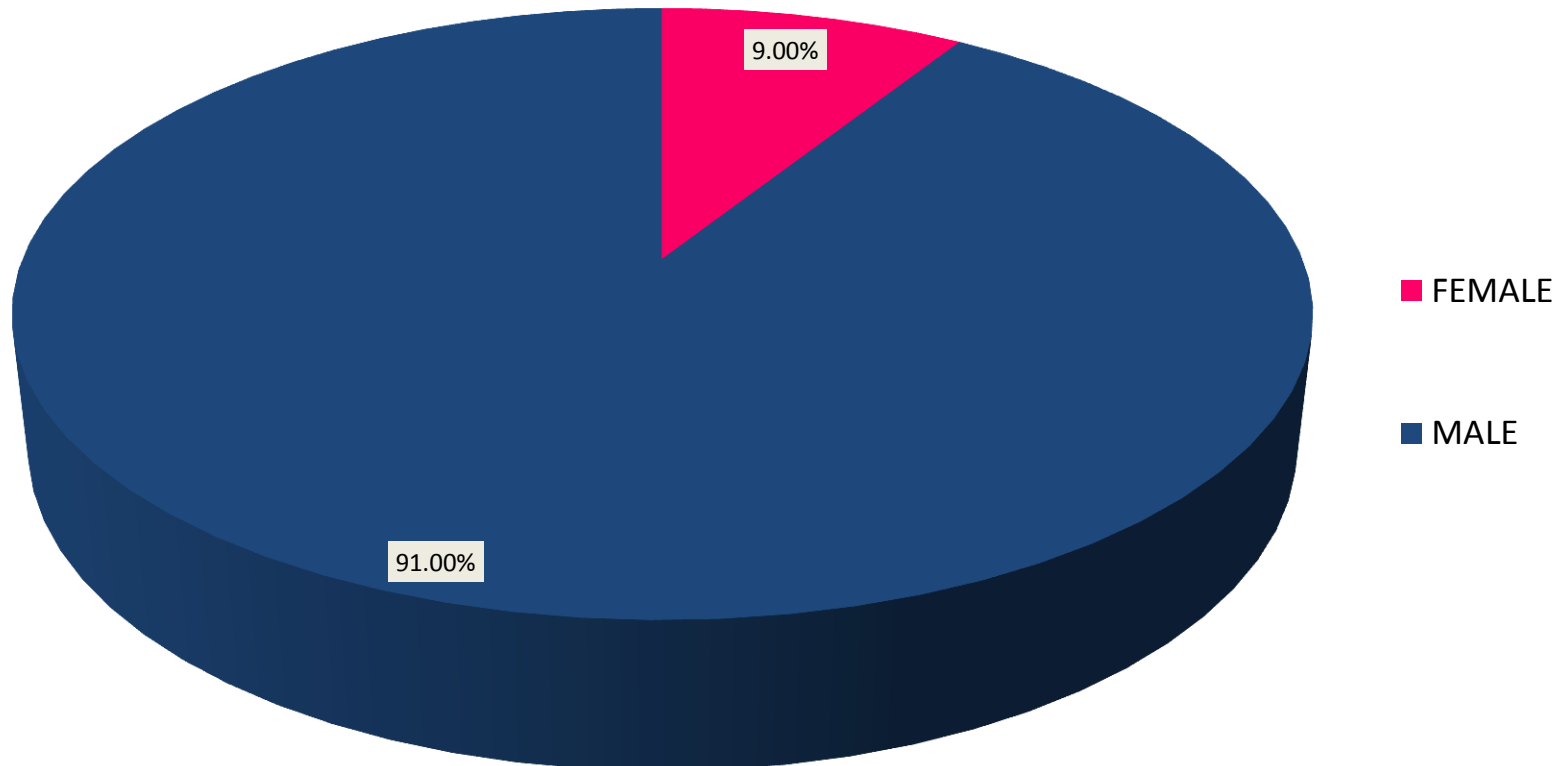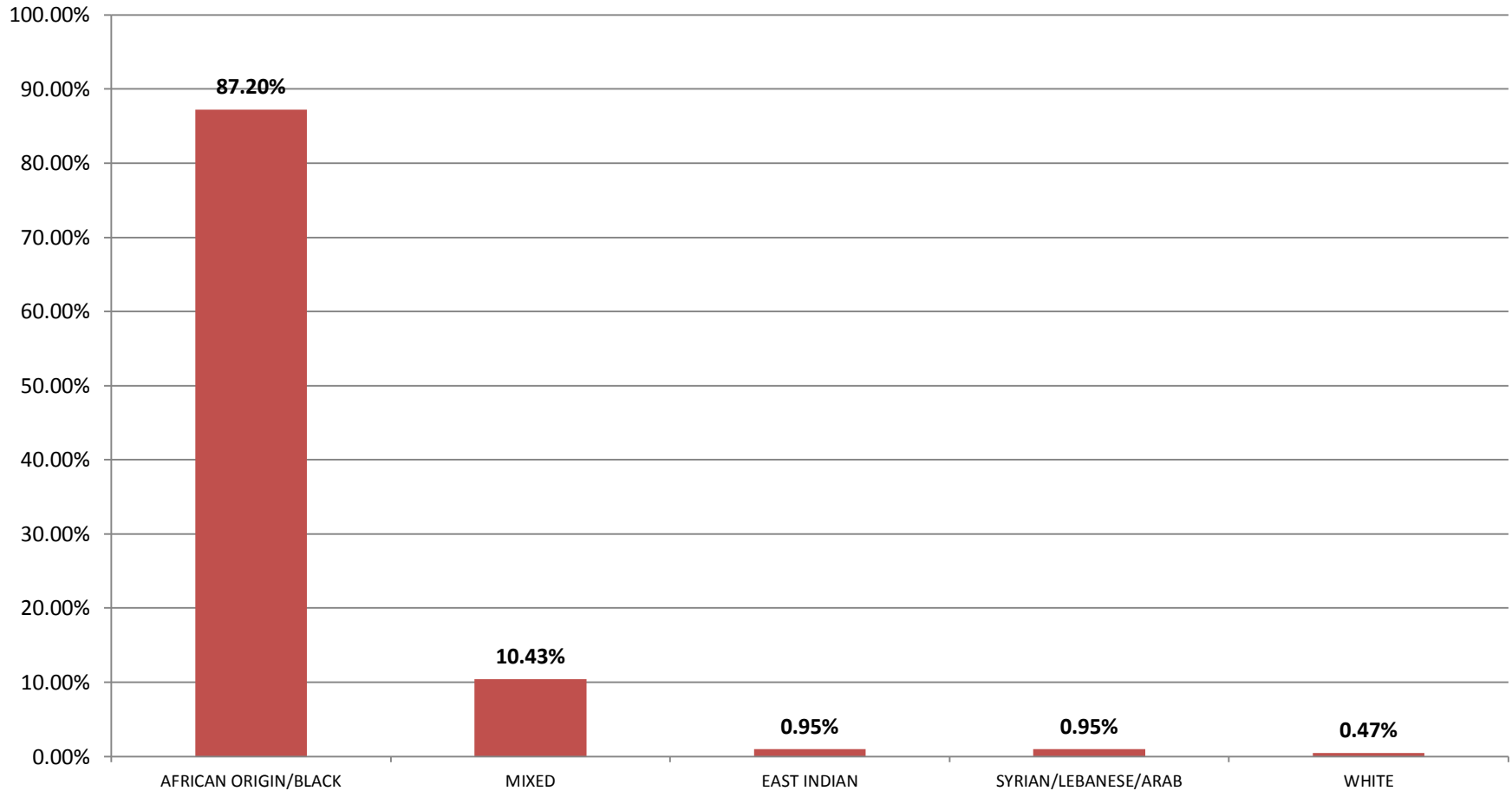21% indicated that they were diagnosed with a psychiatric disorder.
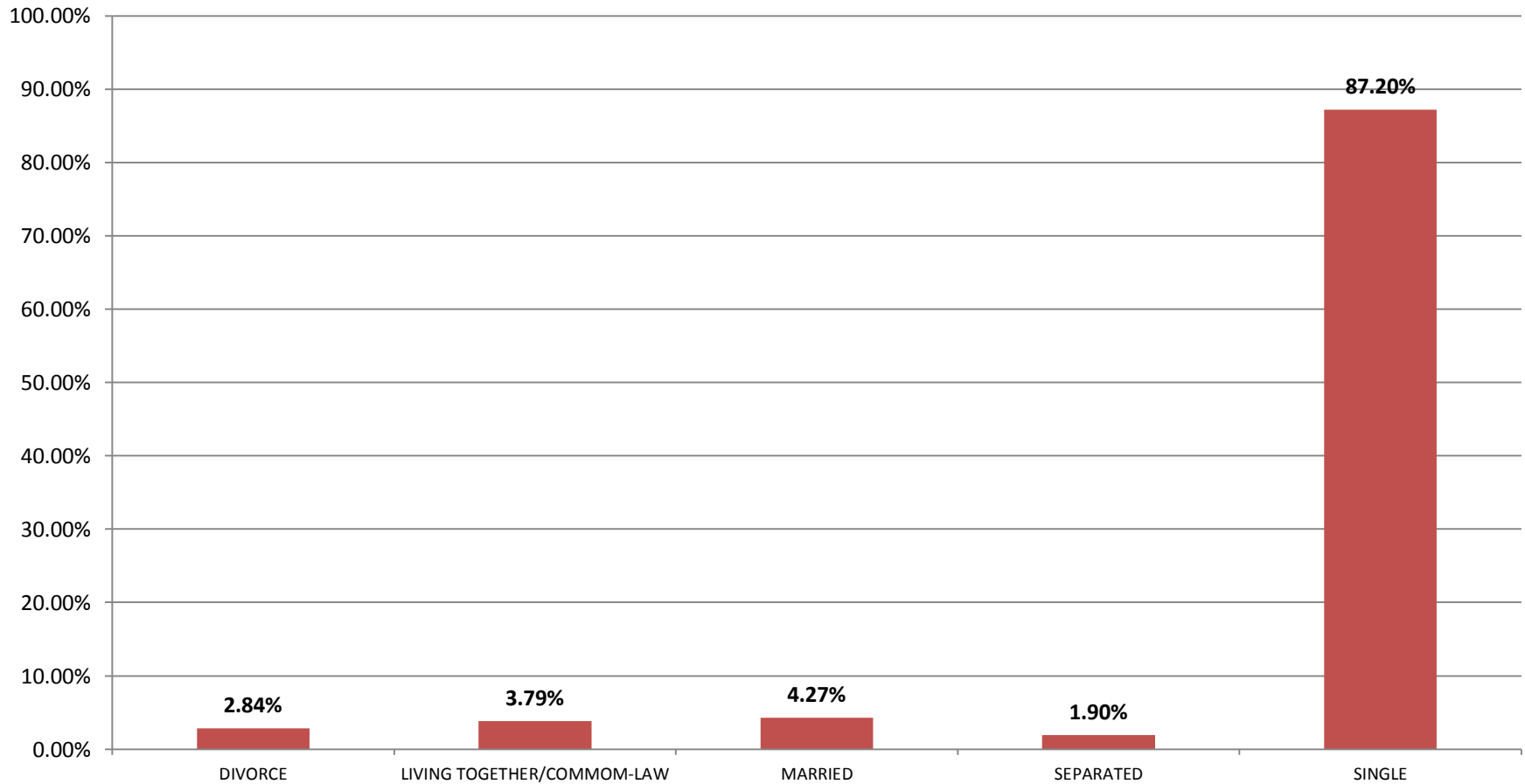
JAMAICA

2015

THE CLIENT

SEX OF PERSONS SEEKING TREATMENT

- FEMALE 9.00%
- MALE 91.00%

THE CLIENT

ETHNICITY OF PERSONS SEEKING TREATMENT

MARITAL STATUS OF PERSONS SEEKING TREATMENT

THE CLIENT

LIVING ARRANGEMENT

DEPORTATION STATUS

LIVING ARRANGEMENT 30 DAYS PRIOR TO SEEKING TREATMENT

- FAMILY HOME: 68.72%
- HOMELESS: 1.42%
- OTHER: 6.16%
- OWN HOME: 6.64%
- RENTAL HOUSE, FLAT, APARTMENT: 15.64%
- SQUATTING: 0.95%
- NO RESPONSE: 0.47%

DEPORATION STATUS OF PERSONS SEEKING TREATMENT

- NO: 92.89%
- YES: 7.11%
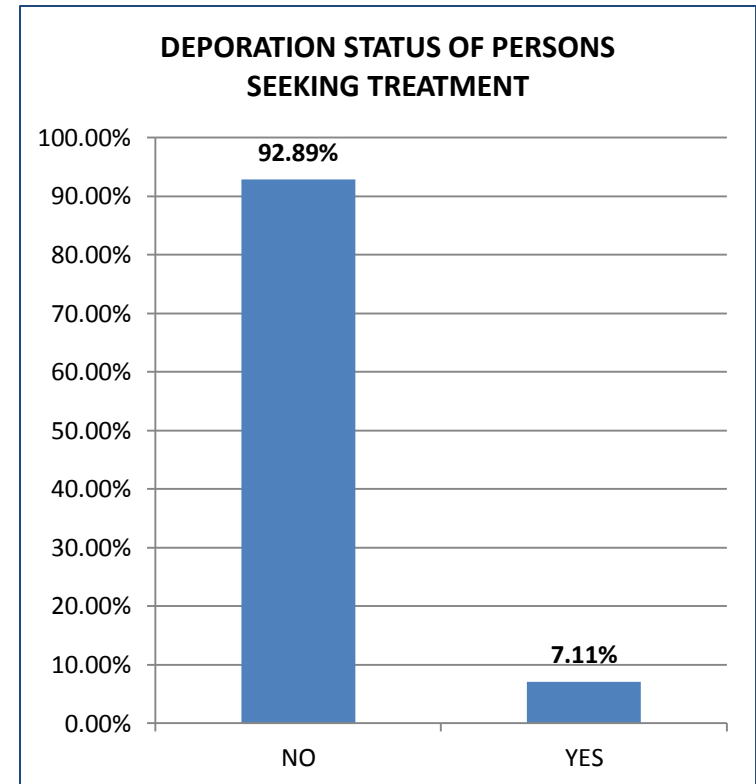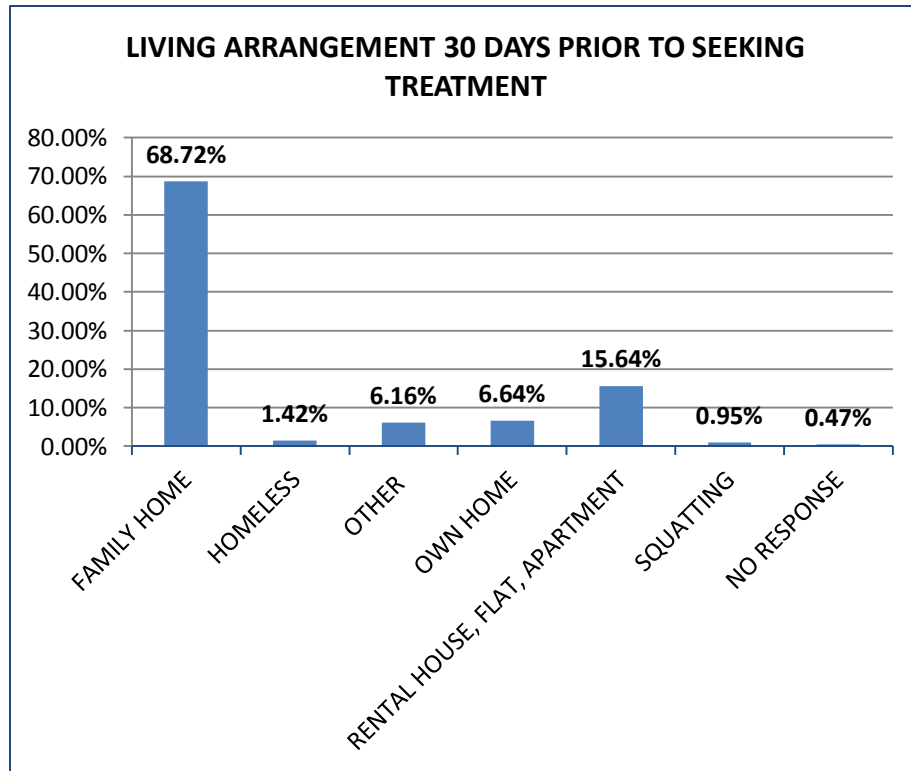
THE CLIENT-AGE RANGE

AGE OF PERSONS SEEKING TREATMENT

THE CLIENT
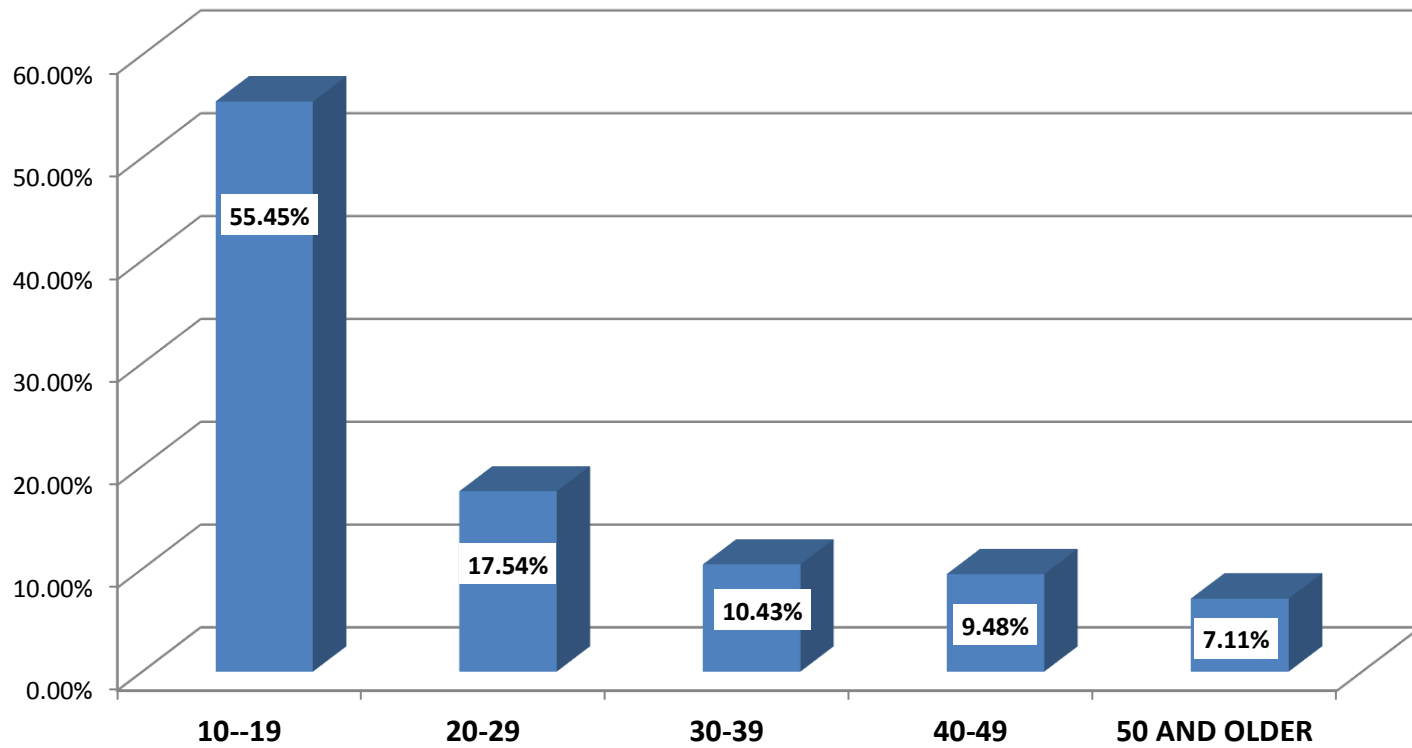
LEVEL OF EDUCATION OF PERSONS SEEKING TREATMENT
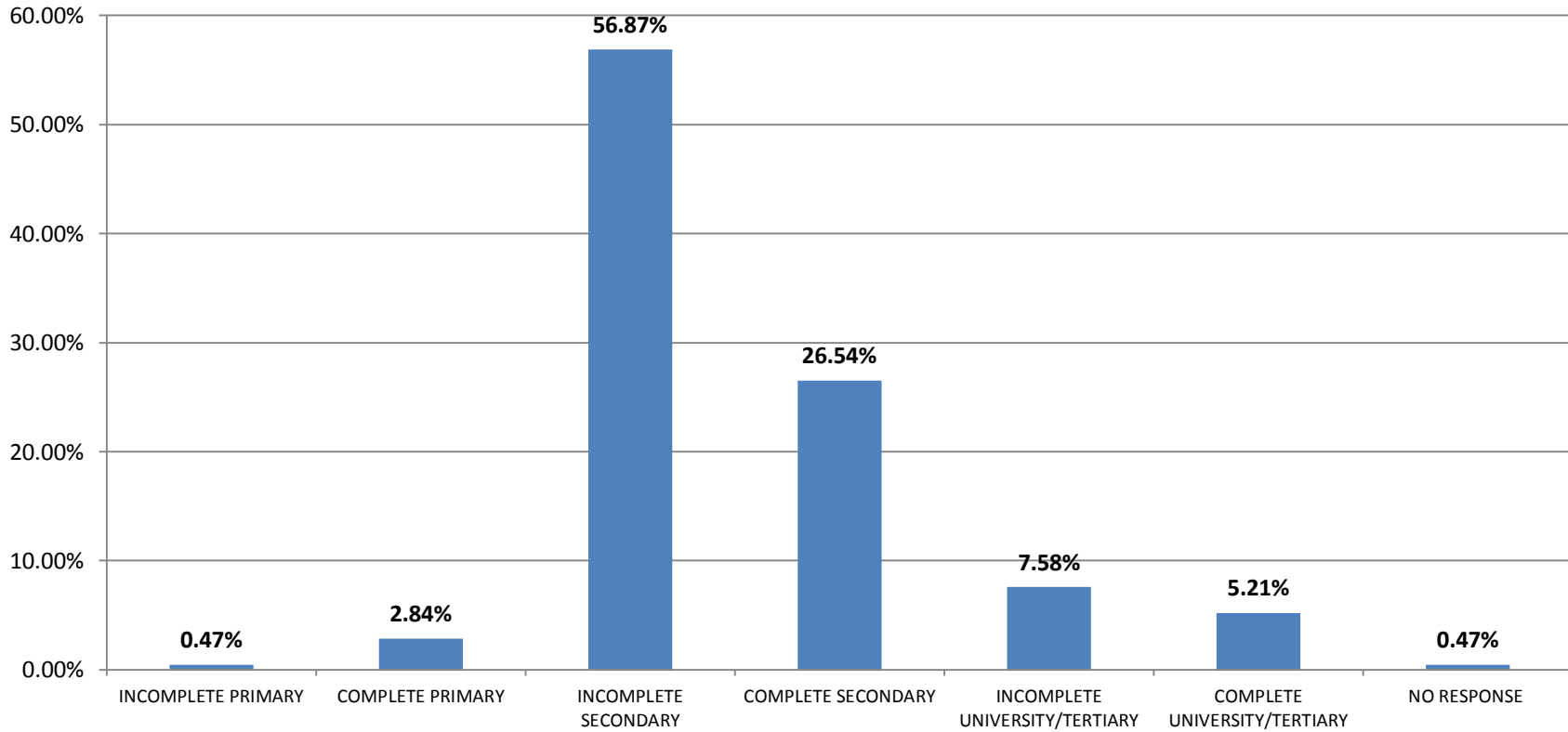
Organization of
American States
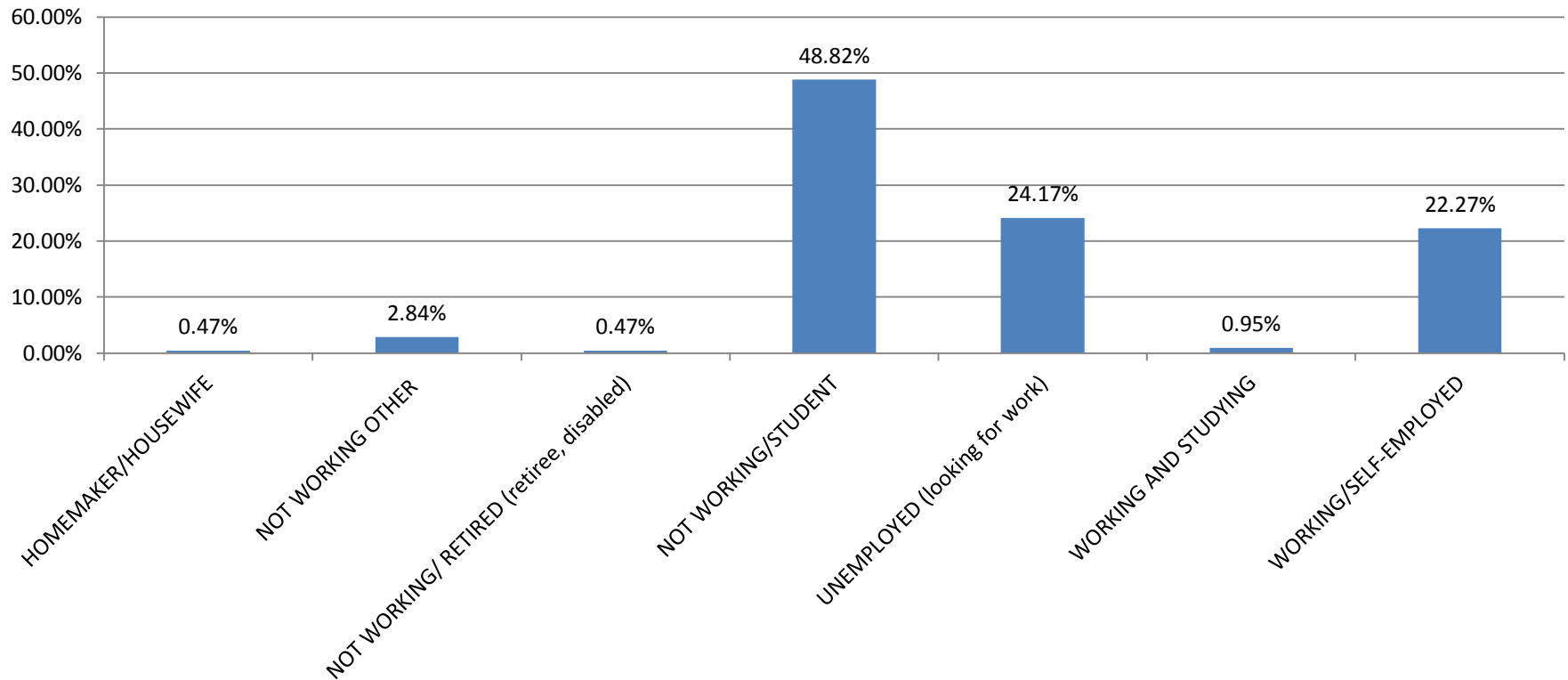
EMPLOYMENT STATUS OF PERSONS SEEKING TREATMENT

SOURCE OF REFERRAL TO TREATMENT

	ENCOURAGEMENT FROM FRIEND(S) OR FAMILY MEMBER(S)	REFERRAL FROM THE SCHOOL SYSTEM	REFERRAL FROM A GENERAL HEALTH CENTER (hospital, ER, medical referral, ETC)	REFERRAL FROM SOCIAL SERVICES OR OTHER (churches, community services)	REFERRAL FROM DRUG TREATMENT COURT	VOLUNTARILY (SELF-REFERRAL)	REFERRAL FROM JUSTICE SYSTEM OR POLICE DEPARTMENT	REFERRAL FROM EMPLOYER	NO RESPONSE	REFERRAL FROM ANOTHER DRUG TREATMENT PROGRAM	REFERRAL FROM NATIONAL DRUG COUNCILS	REFERRAL FROM PRISON OR JUVENILE DETENTION CENTER
Percent	23.22%	18.01%	16.11%	13.27%	8.06%	6.64%	4.74%	3.79%	2.85%	1.42%	1.42%	0.47%

SUBSTANCE USE

MAIN SUBSTANCE IMPACTING TREATMENT

Substance	Percentage
MARIJUANA	69.67%
ALCOHOL	19.43%
CRACK	7.11%
COCAIN	0.47%
INHALANTS	0.47%
METHADONE	0.47%
TOBACCO	2.37%

TREATMENT HISTORY

LIFETIME TREATMENT HISTORY

- FIRST TIME: 77.25%
- PREVIOUSLY TREATED: 22.74%

2015 TREATMENT HISTORY (N=48)

- FIRST TIME: 87.50%
- PREVIOUSLY TREATED: 12.50%

TREATMENT HISTORY

TYPE OF TREATMENT PREVIOUSLY RECEIVED (N=48)

- DETOXIFICATION: 6.25%
- NO RESPONSE: 8.33%
- OUTPATIENT: 50.00%
- PSYCHIATRIC COUNSELLING: 2.08%
- RESIDENTIAL: 33.33%

COMPLETION STATUS OF PREVIOUS TREATMENT RECEIVED

- NO: 39.58%
- YES: 39.58%
- DNK: 4.17%
- NO RESPONSE: 16.67%
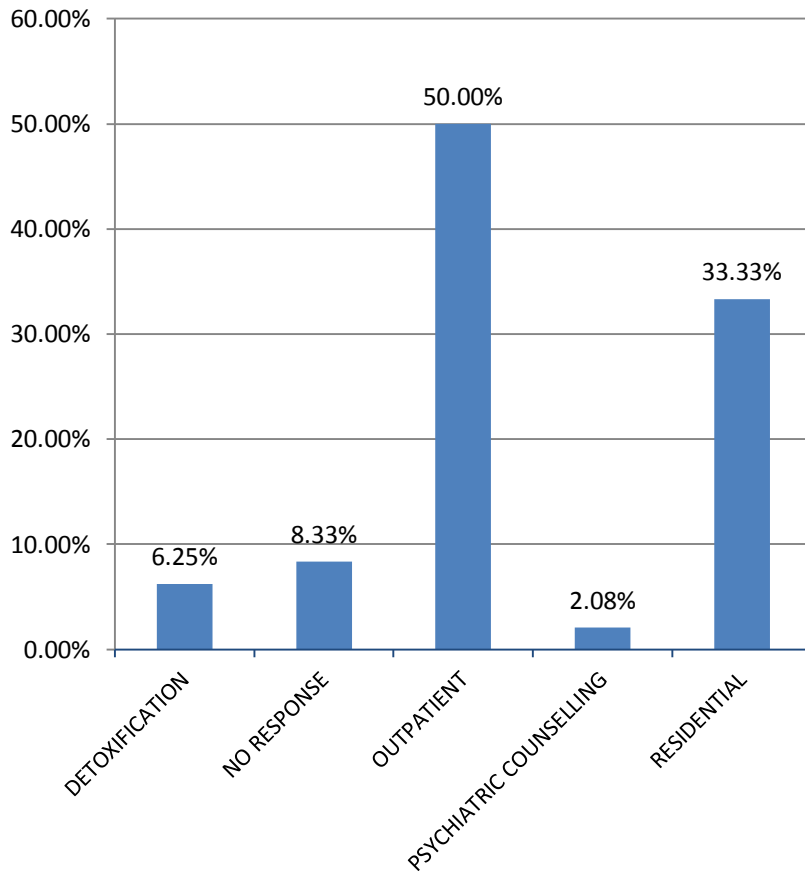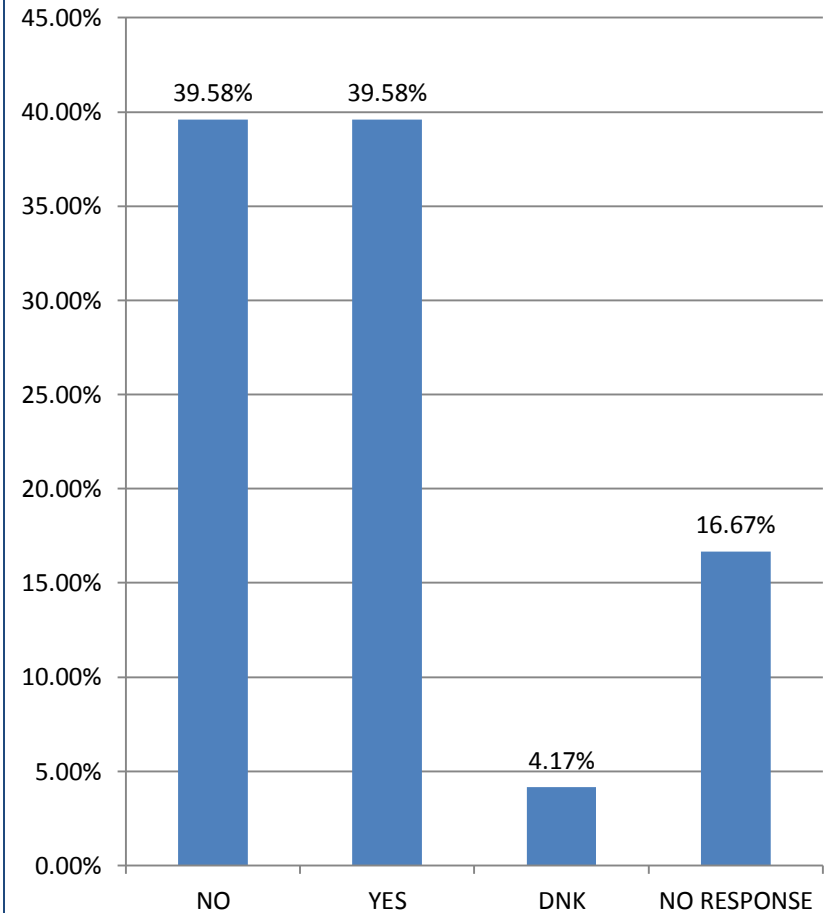
INTERACTION WITH CRIMINAL JUSTICE SYSTEM

LIFETIME ARREST HISTORY OF PERSONS SEEKING TREATMENT

2015 ARREST HISTORY OF PERSONS SEEKING TREATMENT (N=32)

Organization of
American States
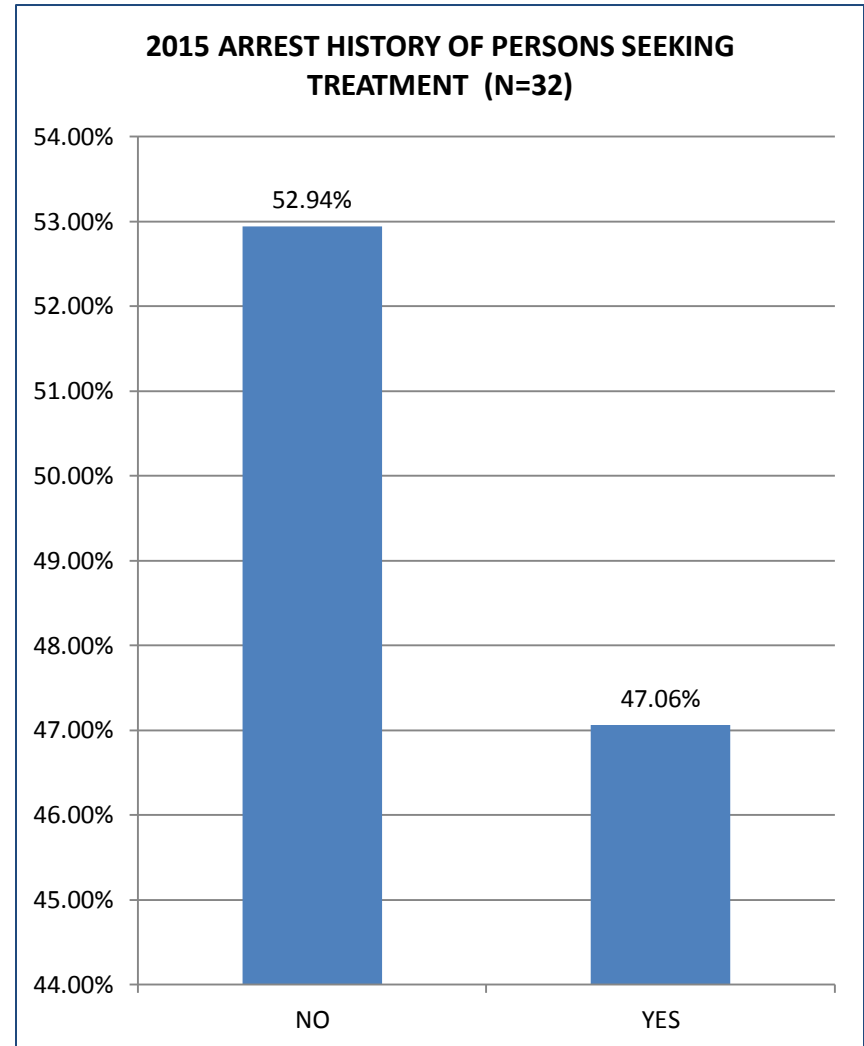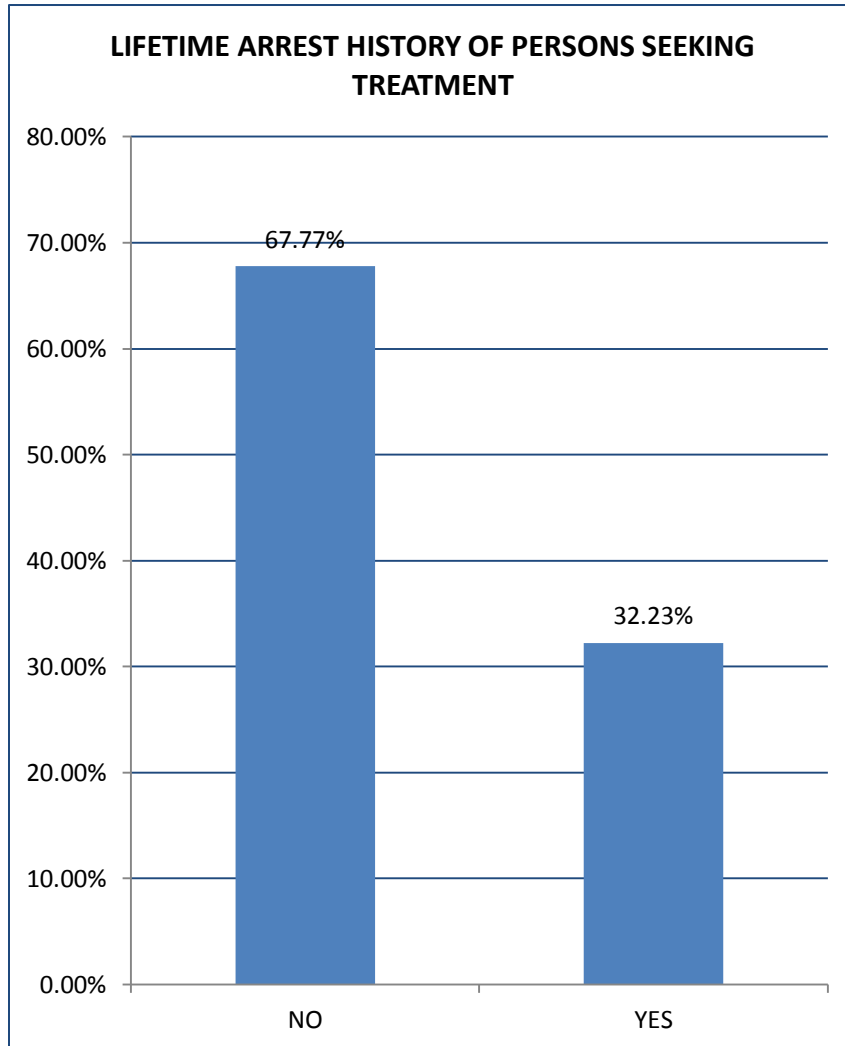
HISTORY OF DIAGNOSED PSYCHIATRIC DISORDER OF PERSONS SEEKING TREATMENT

- NO: 75.36%
- YES: 24.17%
- NO RESPONSE: 0.47%
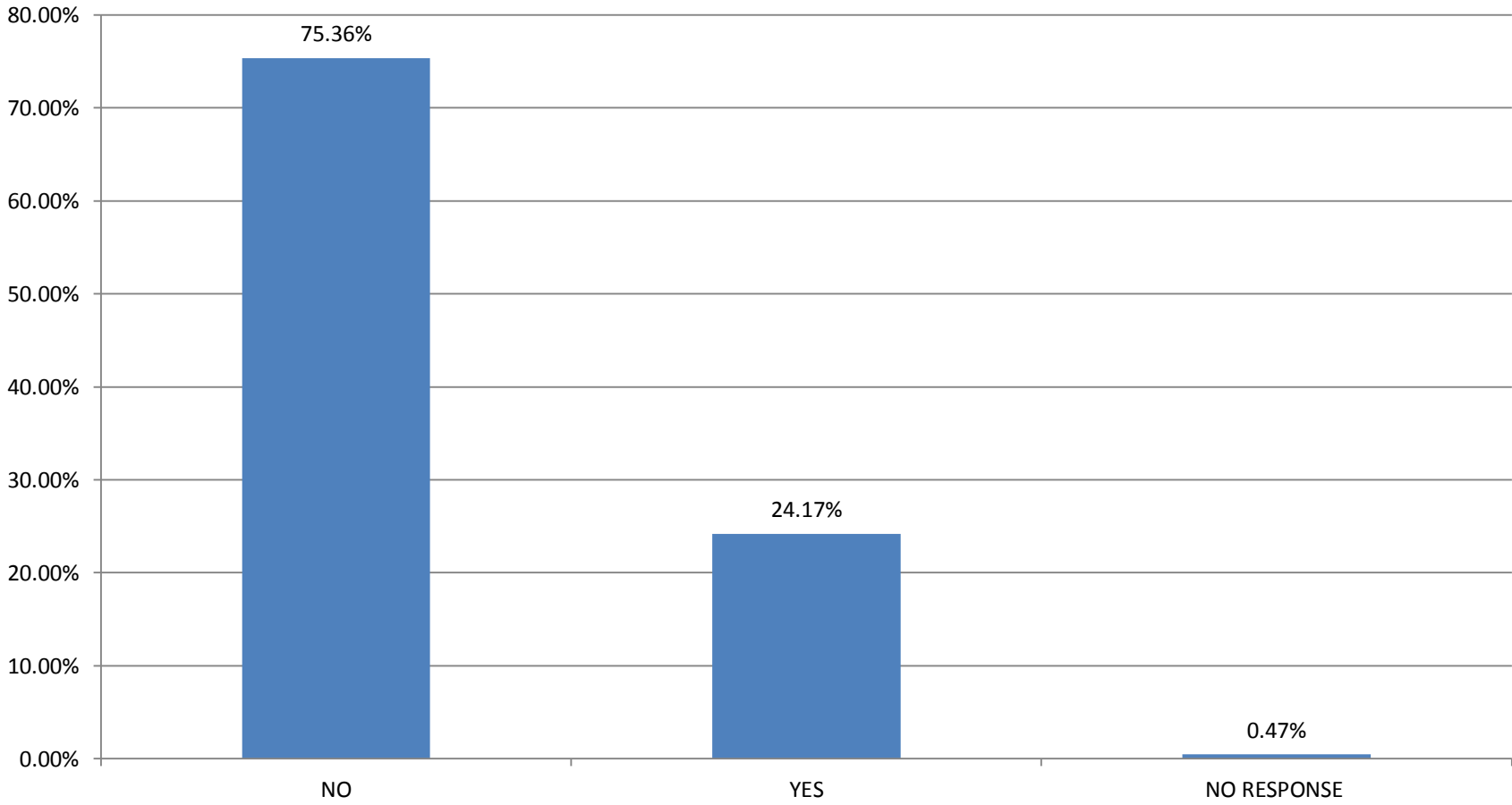
PLACEMENT AFTER ASSESSMENT

PLACEMENT AFTER ASSESSMENT	#
RESIDENTIAL	57
OUTPATIENT	112
DETOX UNIT	40
SELF-HELP	2
DAY CLINIC	35
PSYCHIATRIC UNIT	7
OTHER FACILITY	1
NO RESPONSE	3

Level of Risk for Alcohol Dependency Among Past Year Users of Alcohol (AUDIT)
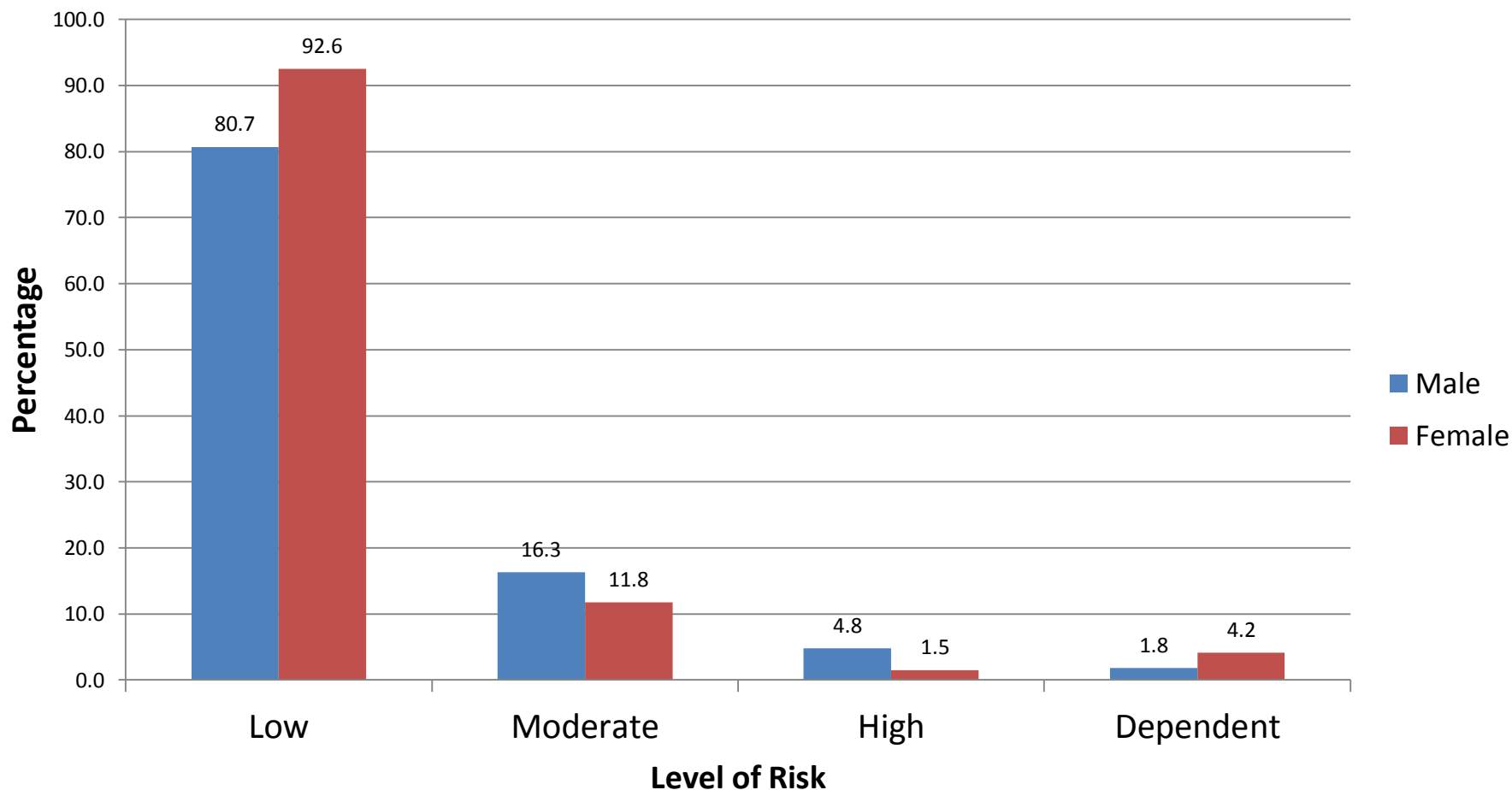
Results from 2016 Household Survey

50 respondents representing a population of 28,297 persons indicated a need for treatment (in the past year)

The main reasons for not getting treatment were:

- I dont know where to get treatment
- I could not find the treatment that I wanted
- I am not ready to stop using

CONCLUSIONS

In evaluating the 2015 treatment data for Jamaica, it was observed that of the 211 persons seeking treatment from the 4 treatment centers, the majority were male (91%) and 9% were female.

the mean age of persons in treatment was 25 years old with the youngest person in treatment being 11 years old and the oldest being 67 years old.

The majority of persons were between the ages of 10-19 years old (55%).

The main substance driving the demand for treatment was ganja (70%), followed by alcohol (19%) and crack (7%) about 2% of the population was seeking treatment for tobacco use.

Most persons were encouraged to seek treatment by family and friends (23%), 18% were referred by the school system and 16% by the health care system.

CONCLUSIONS

Of those in treatment, 77% were seeking treatment for the first time ever in their lifetime. Of the 48 persons treated before, 13% were treated multiple times in 2015.

Looking at the level of interaction with the criminal justice system and the treatment population, we have observed that 68 persons were arrested at least once in their lifetime while 32 of them were arrested at least once in 2015.

In assessing the mental health of persons in treatment for problematic substance use, it was discovered that 24% were diagnosed with a psychiatric disorder.

Most persons were placed into an outpatient treatment program after assessment (53%), 27% were placed into a residential program and 40% were sent to detox.

Thank you for your attention

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http://www.cicad.oas.org