Drug Treatment Registration Project

Presentation of Review of the Project

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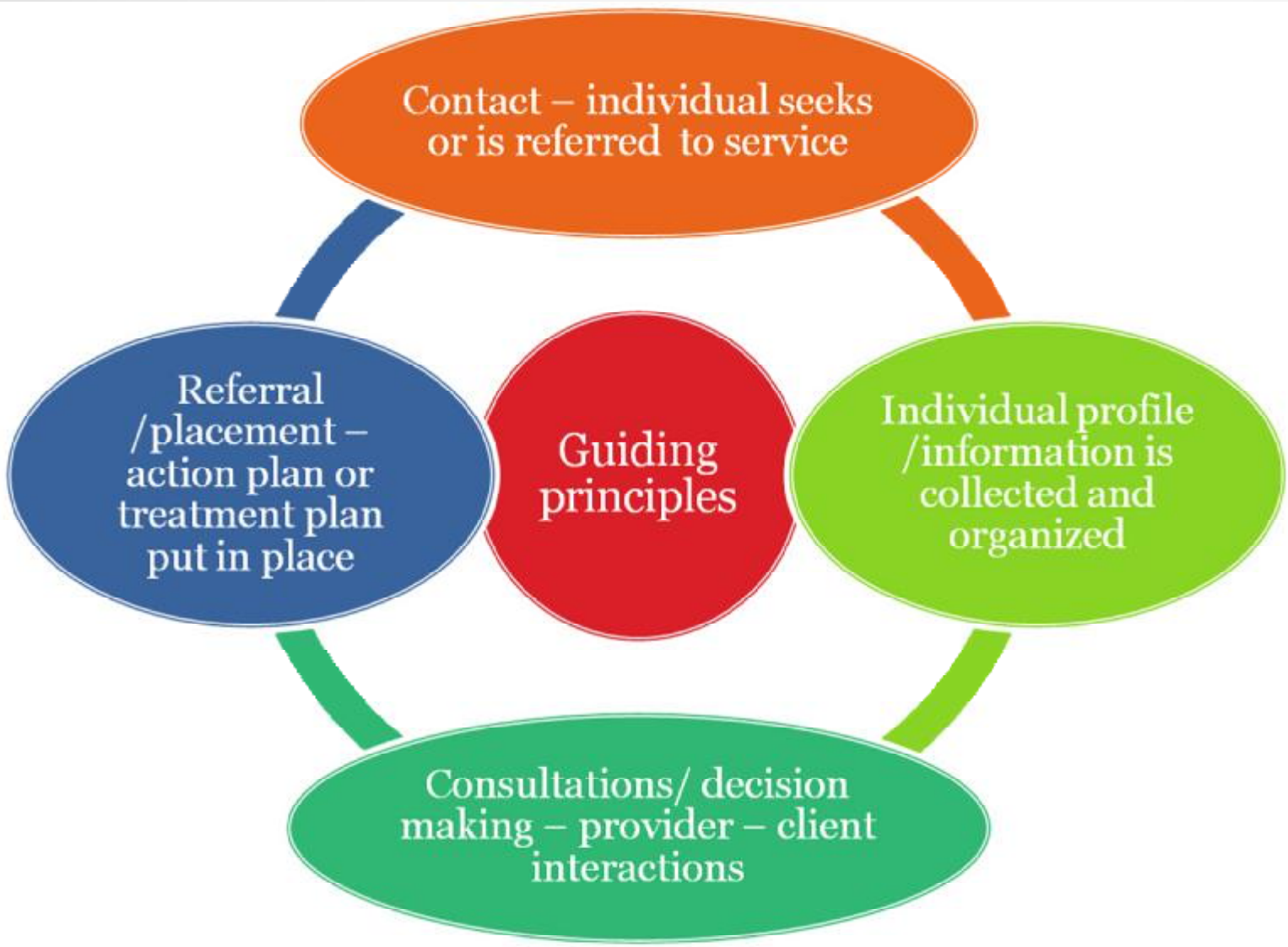
Background

- Intake and Assessment is a respectful, systematic process of gathering personal information of clients in order to facilitate service providers as well as clients to make informed decisions about the needed programme and/ or services.

- The assessment process helps to identify and assess an individual's current situation, issues and needs as well as to determine the most appropriate and effective means of helping the individual.

Intake/assessment Framwork



Methodology

- One person from national observatory trained along with one rep from the treatment centers
- Observatory in turn trained/sensitized persons at the participating treatment centers
- Apply the form for a period of 6 months starting in November 2012 thru to April 2013
- National observatory collected and entered the data from the forms.
- Reporting Centre Codes and Form ID numbers were determined and assigned to agencies and forms distributed
- Pilot was launched officially on November 1st 2012 and terminated on April 30, 2013

Roll Call

Trinidad

*Helping Every Addict Live (HEAL)
*Rebirth House
*Caura Substance Abuse Prevention and Treatment Centre
*Serenity Place Empowerment Centre for Women
*Piparo Empowerment Centre
*New Life Ministries
*Trinidad and Tobago Substance Abuse Treatment Services

Jamaica

*Richmond Fellowship
*William Chamberlin
*Detox Unit – University Hospital of the West Indies
*Teen Challenge

Barbados

*Psychiatric Hospital

*Centre for Addiction and Support Alternatives

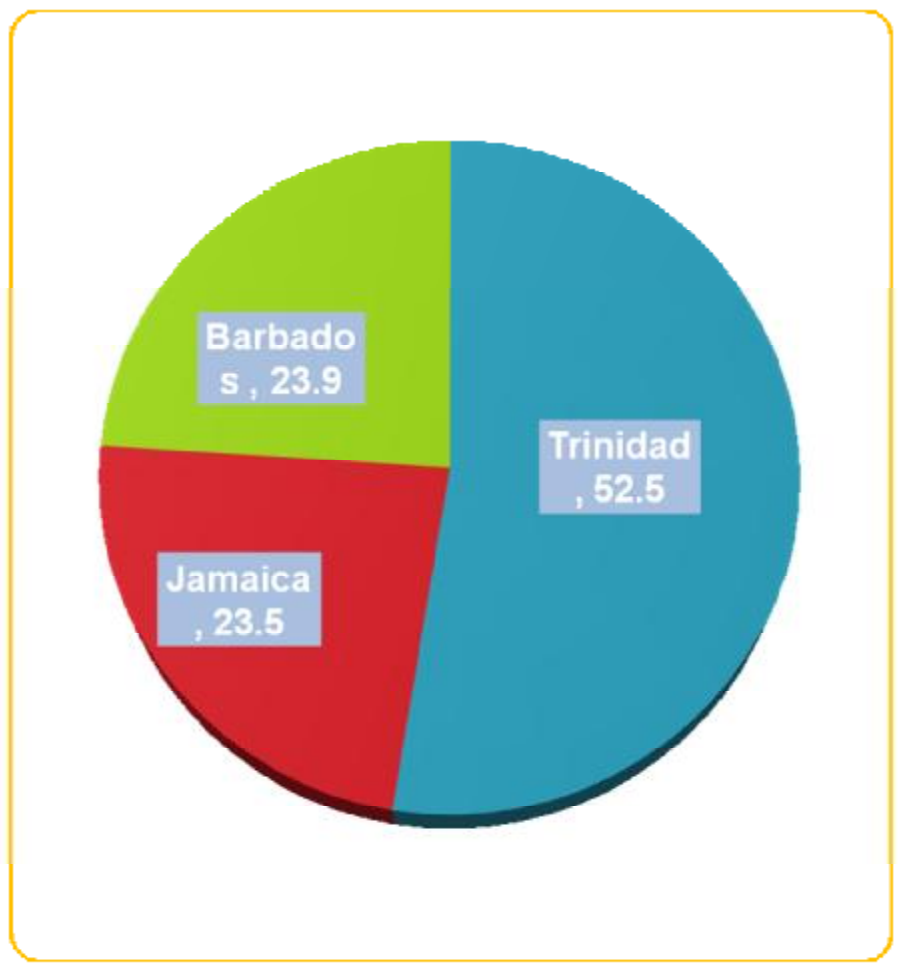
*Verdun House

Findings – Comparative Analysis

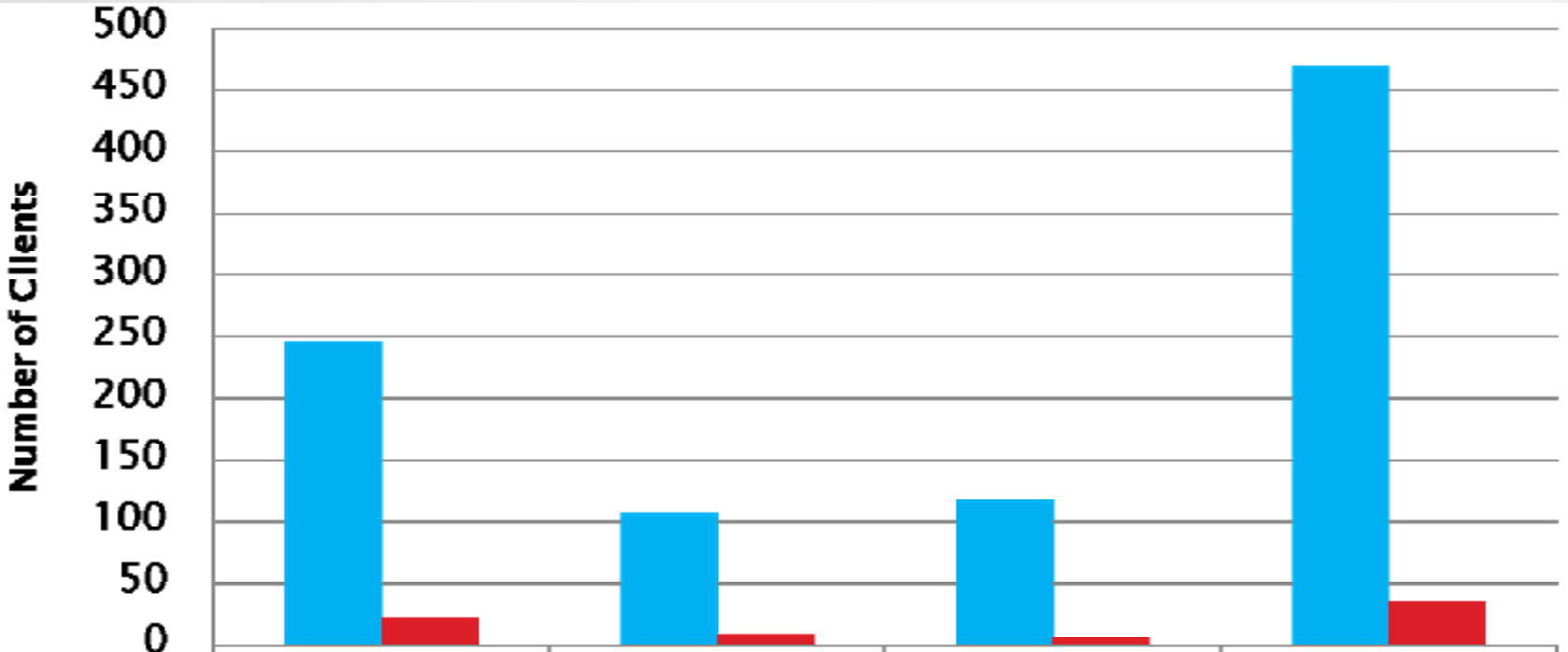
- Findings presented by the following sections:
  1. Socio demographic data
  2. Referral and treatment history
  3. Current substance use
  4. Criminal justice history
  5. Psychiatric treatment history
  6. Contagious disease history
  7. Placement after assessment

Socio-demographics – total forms assessed

- A total of 510 registration forms were assessed
  - Trinidad 268 (52.5%)
  - Jamaica 120 (23.5%)
  - Barbados 122 (23.9%)



Socio-demographics – Gender

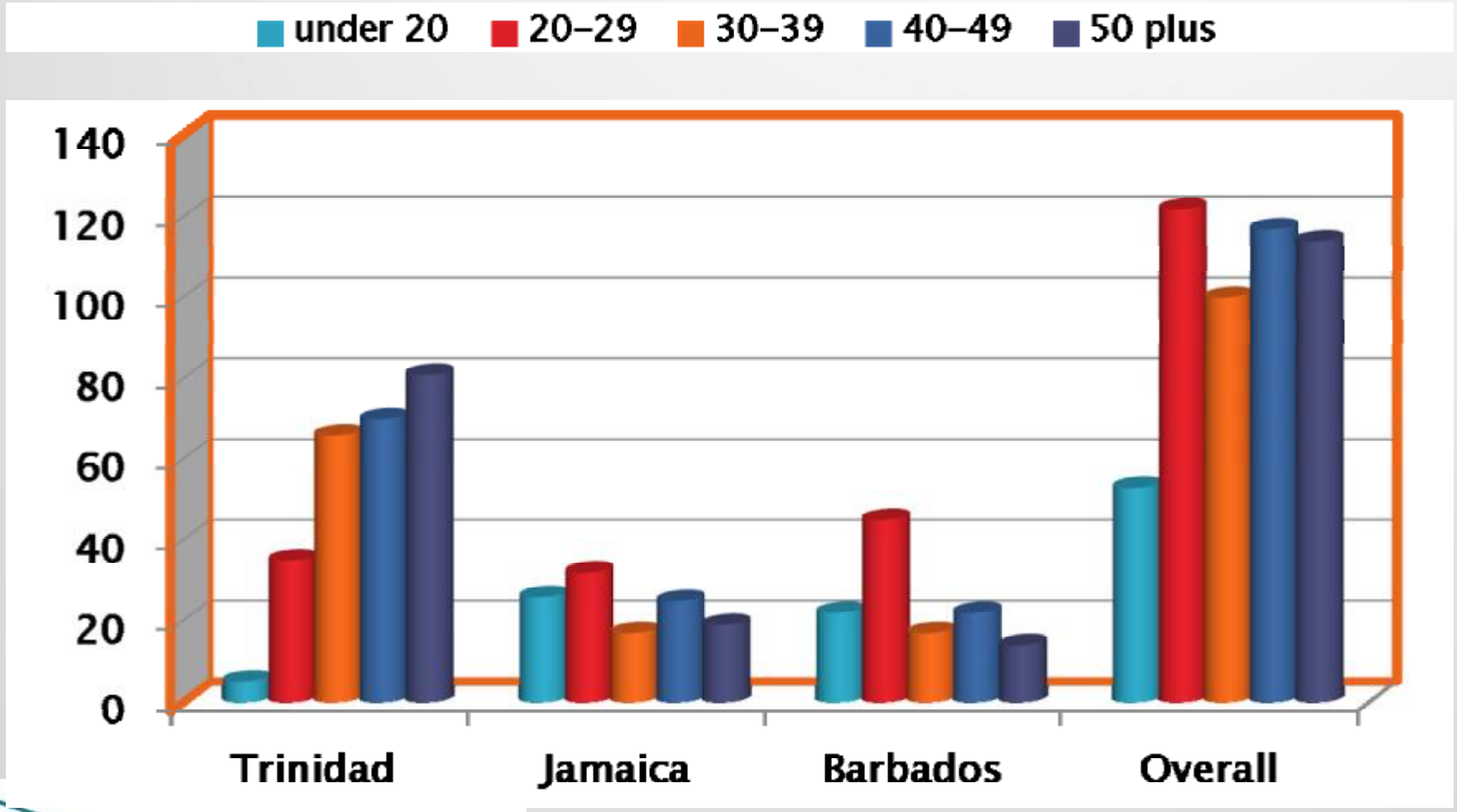


	Trinidad	Jamaica	Barbados	Overall
male	246	106	117	469
female	22	9	5	36

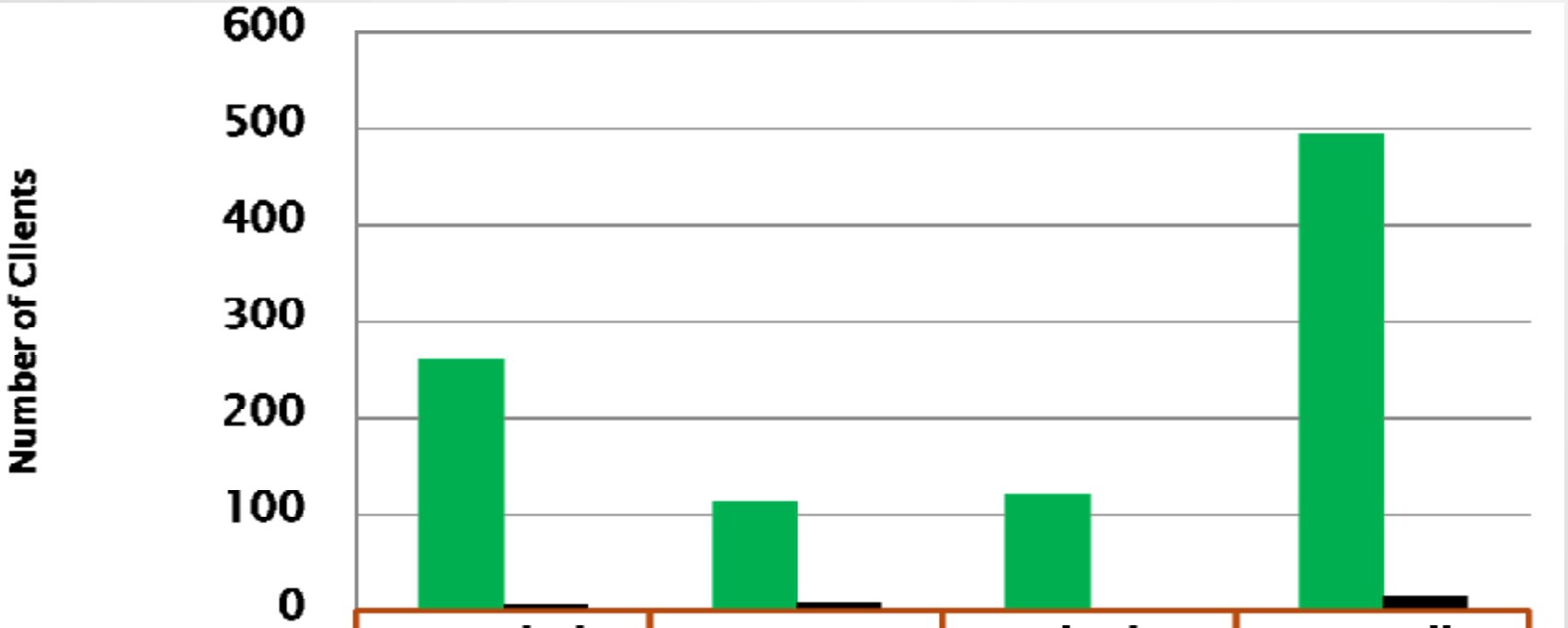
Socio-demographics - Age

Central Characteristics of the Clients by Country						
Country	Mean	Median	Range	Min	Max	Std. Dev.
Trinidad	41.4	42.0	58	16	74	12.5
Jamaica	33.3	30.0	58	14	72	13.6
Barbados	31.6	29.0	57	12	69	13.4
Overall	37.2	37.0	62	12	74	13.7

Socio-demographics – Age and Age Grouping

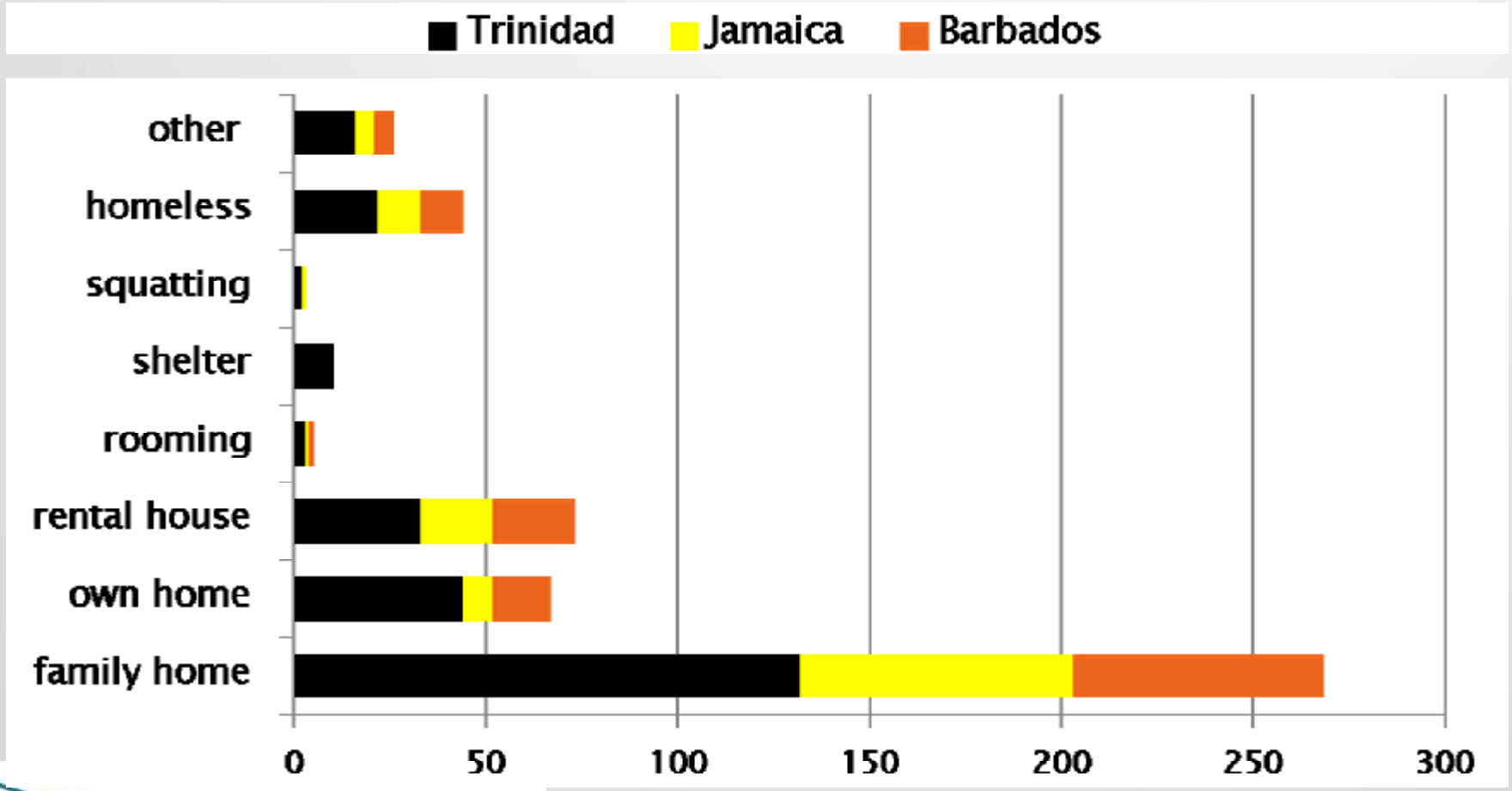


Socio-demographics - Nationality



	Trinidad	Jamaica	Barbados	Overall
own national	261	112	121	494
non-national	7	8	1	16

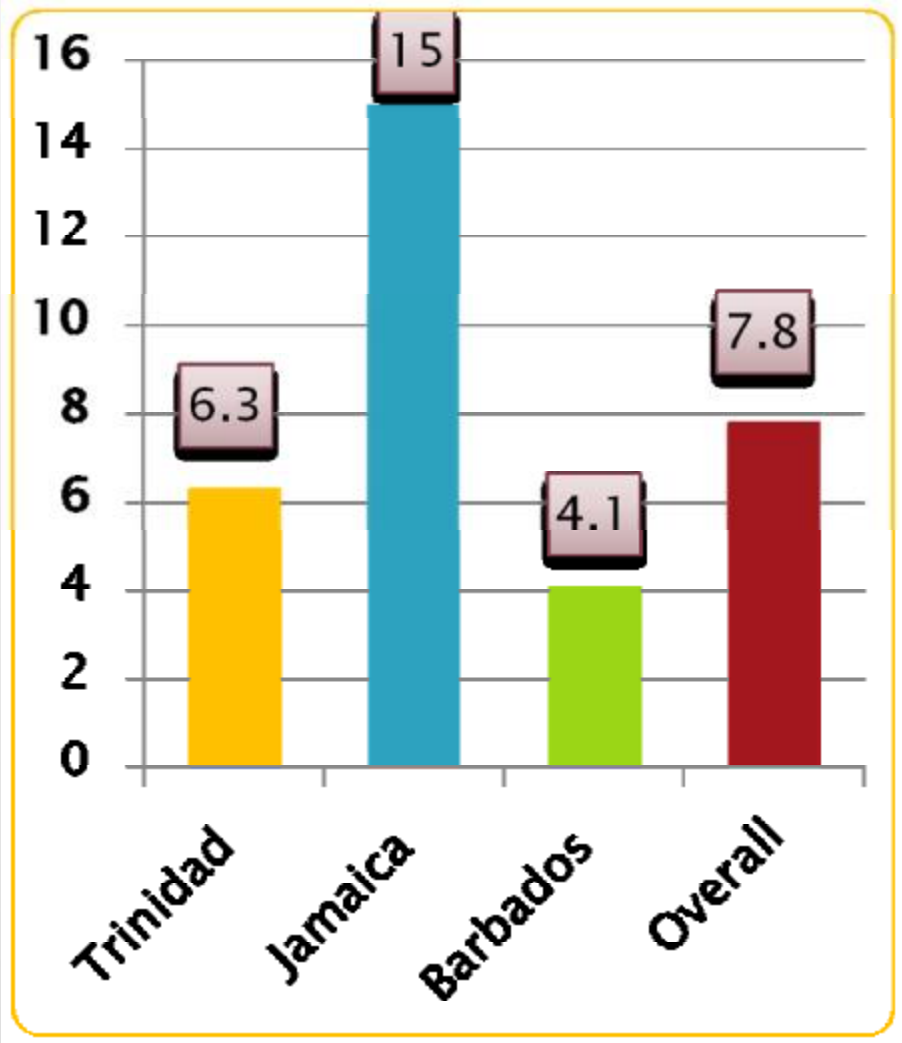
Socio-demographics – Type of living arrangements



Socio-demographics – Deportation

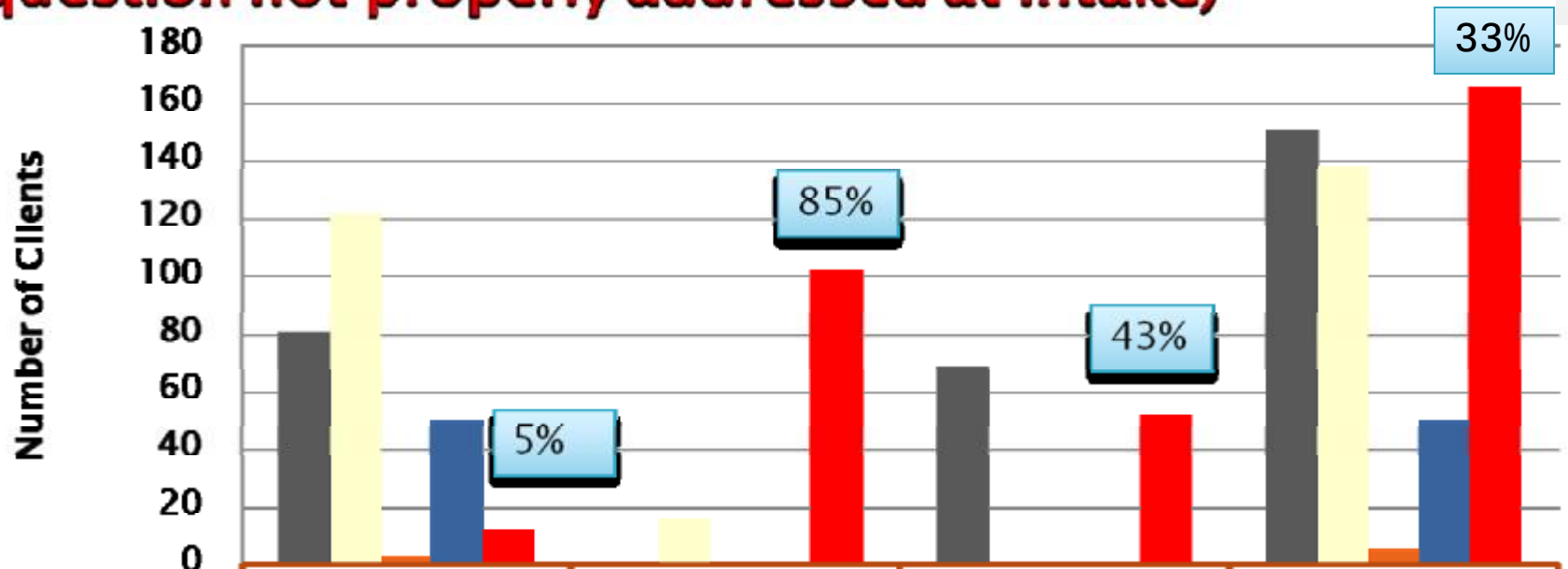
(question not properly addressed at intake)

- A total of 40 clients overall indicated that deportation. The largest proportion being in Jamaica (18/120 or 15%).
  - Trinidad 17/268 (6.3%)
  - Barbados 5/122 (4.1%)
- Not-stated rate was notable high for Barbados (21%) compared to Trinidad (3%) and Jamaica (5%).



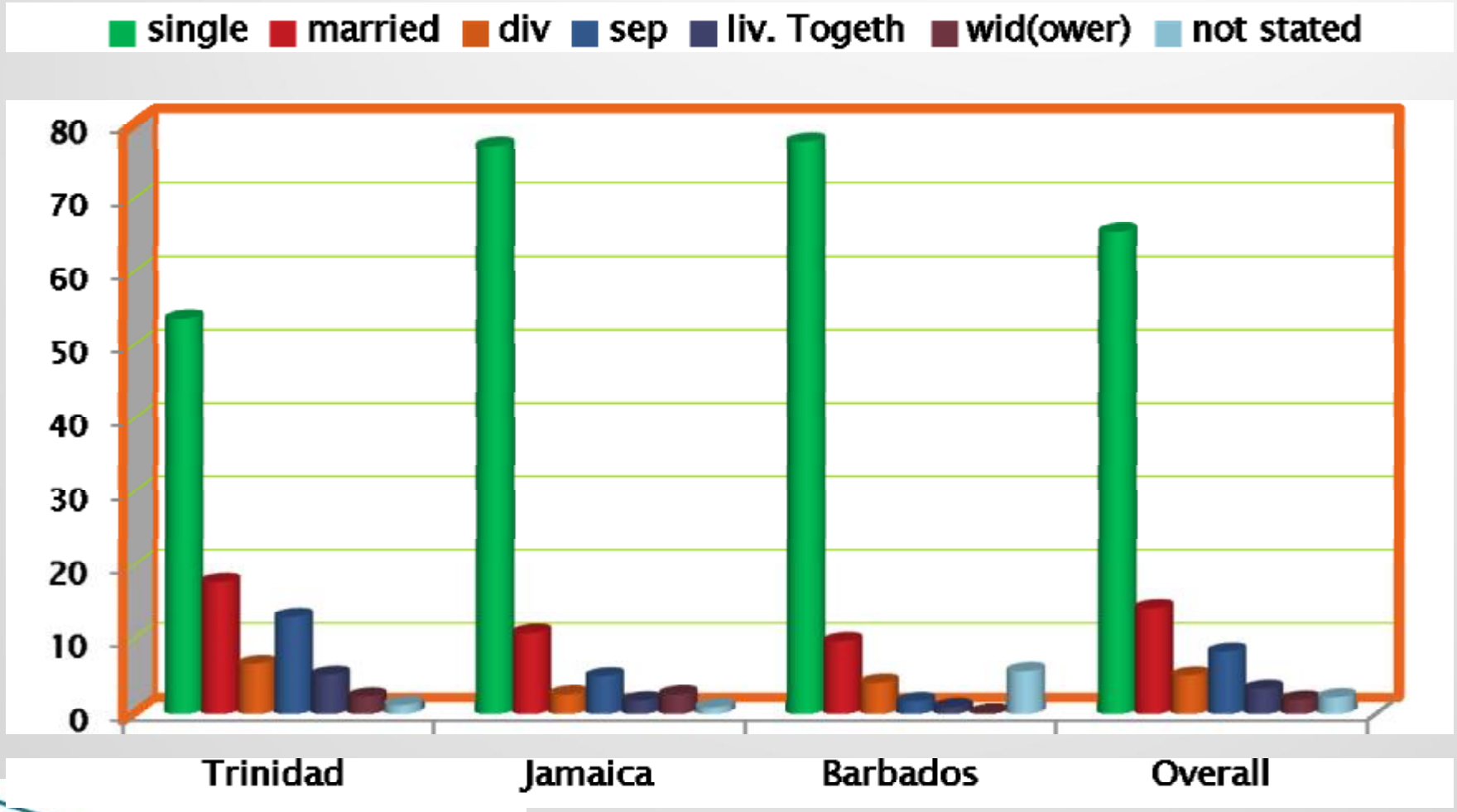
Socio-demographics – Ethnicity

(question not properly addressed at intake)



	Trinidad	Jamaica	Barbados	Overall
black	81	1	69	151
E/Indian	122	16	0	138
white	3	1	1	5
mixed	50	0	0	50
not stated	12	102	52	166

Socio-demographics – Marital Status



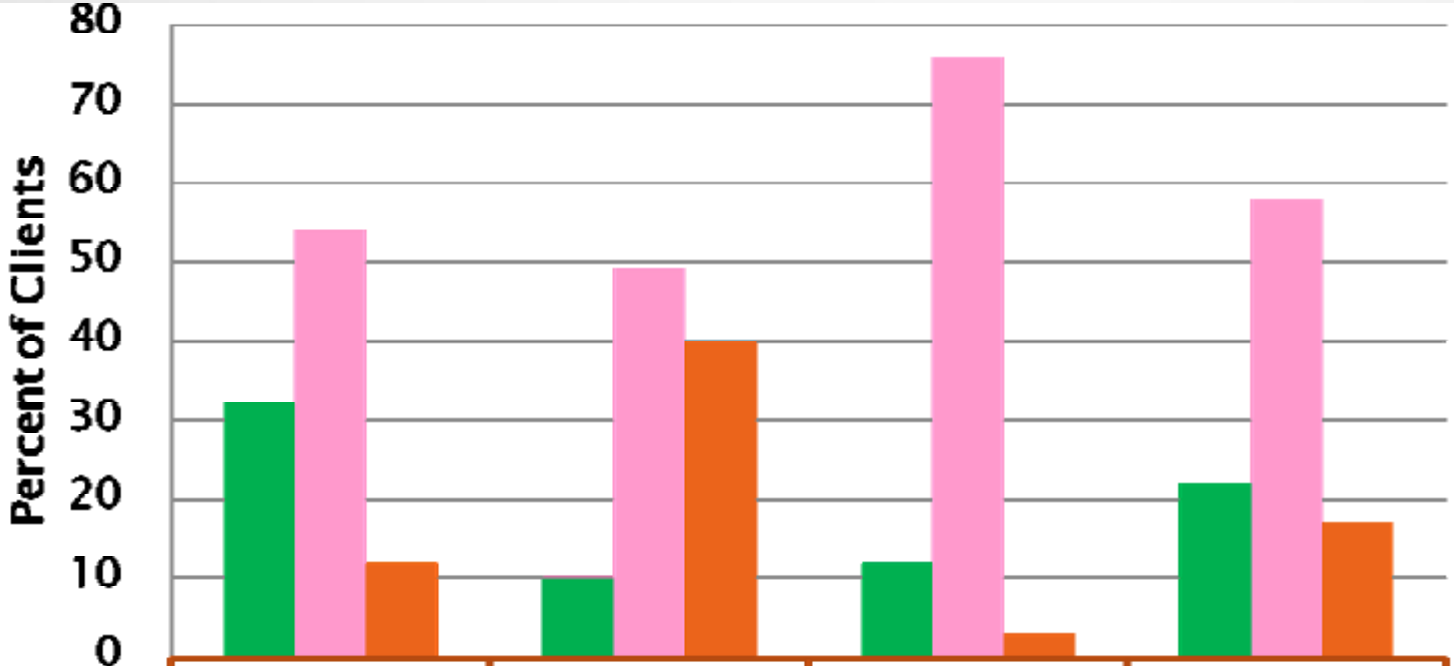
Socio-demographics – Years of Completed Education

(question not properly addressed at intake)

Number of Completed Years of Education by Country						
Country	Mean	Median	Range	Min	Max	Std. Dev.
Trinidad (5% missing)	9.93	10.00	29	1	30	3.61
Jamaica (4% missing)	12.28	12.00	17	3	20	3.26
Barbados (42% missing)	8.38	9.00	12	3	15	3.02
Overall l	10.29	11.00	29	1	30	3.66

14% of values were not stated . Difference could not be computed due to this high proportion of missing values

Socio-demographics – Education Level Attained



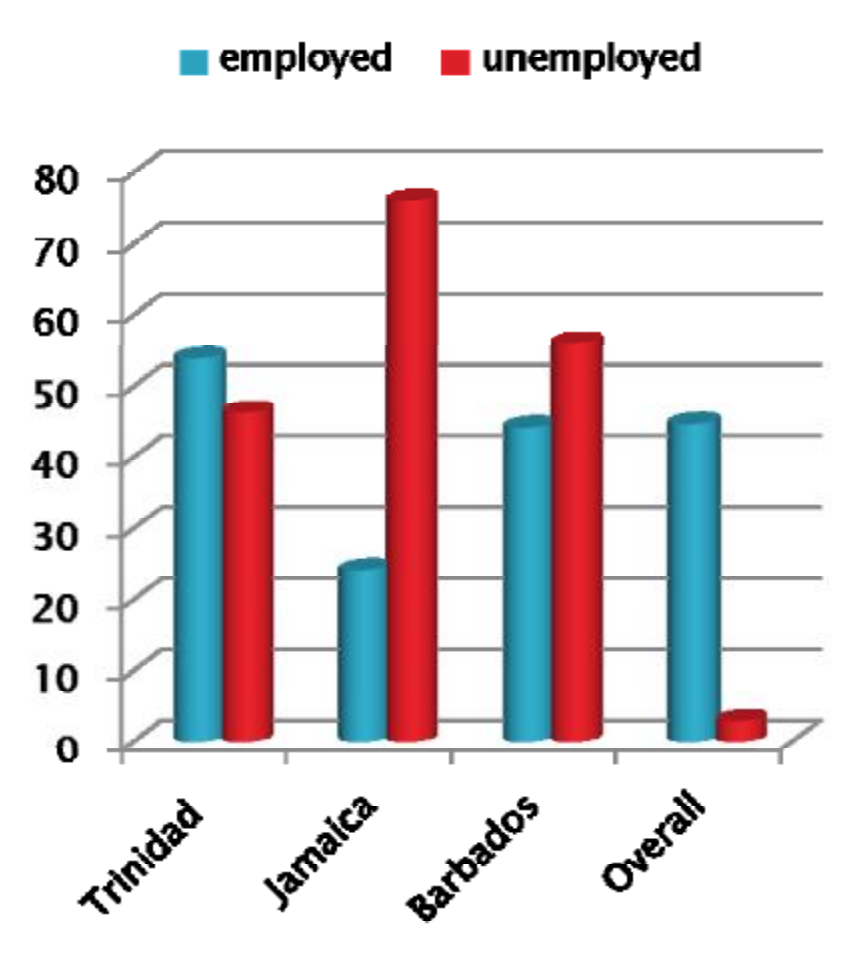
	Trinidad	Jamaica	Barbados	Overall
primary	32	10	12	22
secondary	54	49	76	58
tertiary	12	40	3	17

5 (1%) never attended school and 9 (1.8%) not stated

Socio-demographics – Employment

- Employment status was recoded to employed and unemployed:
- 44.6% employed
- 55.4% unemployed
- 3.7% not stated

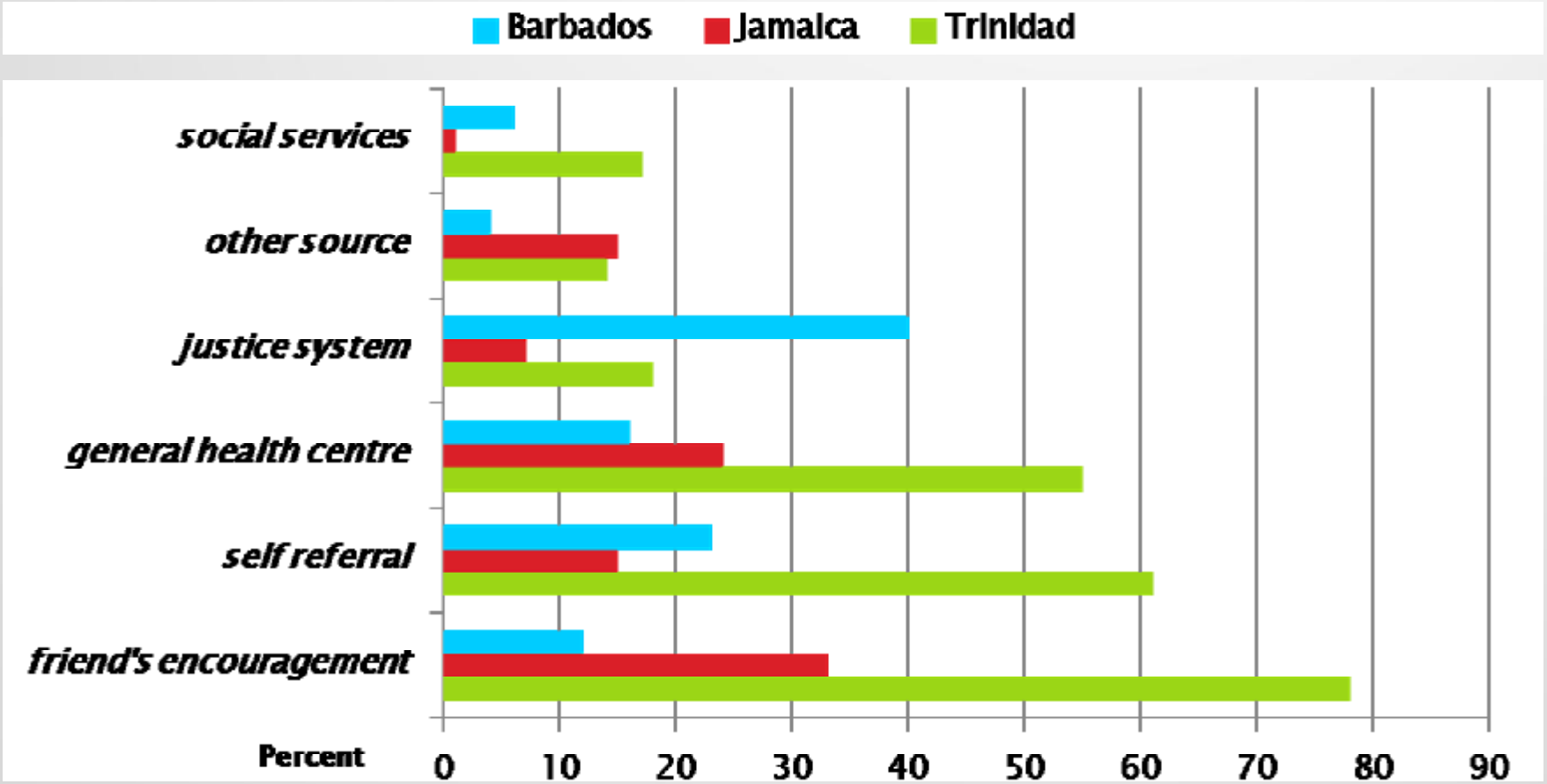
Jamaica was significantly more likely to report unemployment compared to Trinidad and Barbados



Socio-demographics: Employment Status - by Gender and Deportation Status

	Trinidad		Jamaica		Barbados	
	Employed	Un-employ	Employed	Un-employ	Employed	Un-employ
Male	133 (55.0)	109 (45.0)	26 (25.2)	77 (74.8)	46 (43.4)	60 (24.4)
Female	9 (40.9)	13 (56.5)	1 (11.1)	8 (88.9)	3 (60.0)	2 (40.0)
64% (23/36) females unemployed compared to 55% of males 73% (29/40) deportees unemployed compared to 53% of non-deportee						
Deported (yes)	7 (41.2)	10 (58.8)	3 (16.7)	14 (77.8)	-	5 (100.0)
Deported (no)	133 (54.5)	109 (44.7)	23 (24.0)	71 (74.0)	42 (45.7)	48 (53.3)

Treatment History– Sources of Referral
(the six most prevalent source in rank order)



Treatment History – How many times Treated

	Trinidad	Jamaica	Barbados	Total
Never	127 (47.4)	47 (39.2)	10 (8.2)	184 (36.1)
Once	52 (19.4)	29 (24.2)	25 (20.5)	106 (20.8)
2-4 times	56 (20.9)	20 (16.7)	10 (8.2)	86 (16.9)
Five or more times	30 (11.2)	23 (19.2)	7 (5.7)	60 (11.8)
Not stated	3 (1.1)	1 (0.8)	70 (57.4)	74 (14.5)

§ Overall 15% of values for this variable not stated
§ 36% had never been treated
§ About one-fifth (21%) had been treated once
§ 29% had been treated two or more times
§ 10-12 (2.6%) persons reported 20 or more times and up to 50 times

Treatment History – How many times Admitted in calendar year

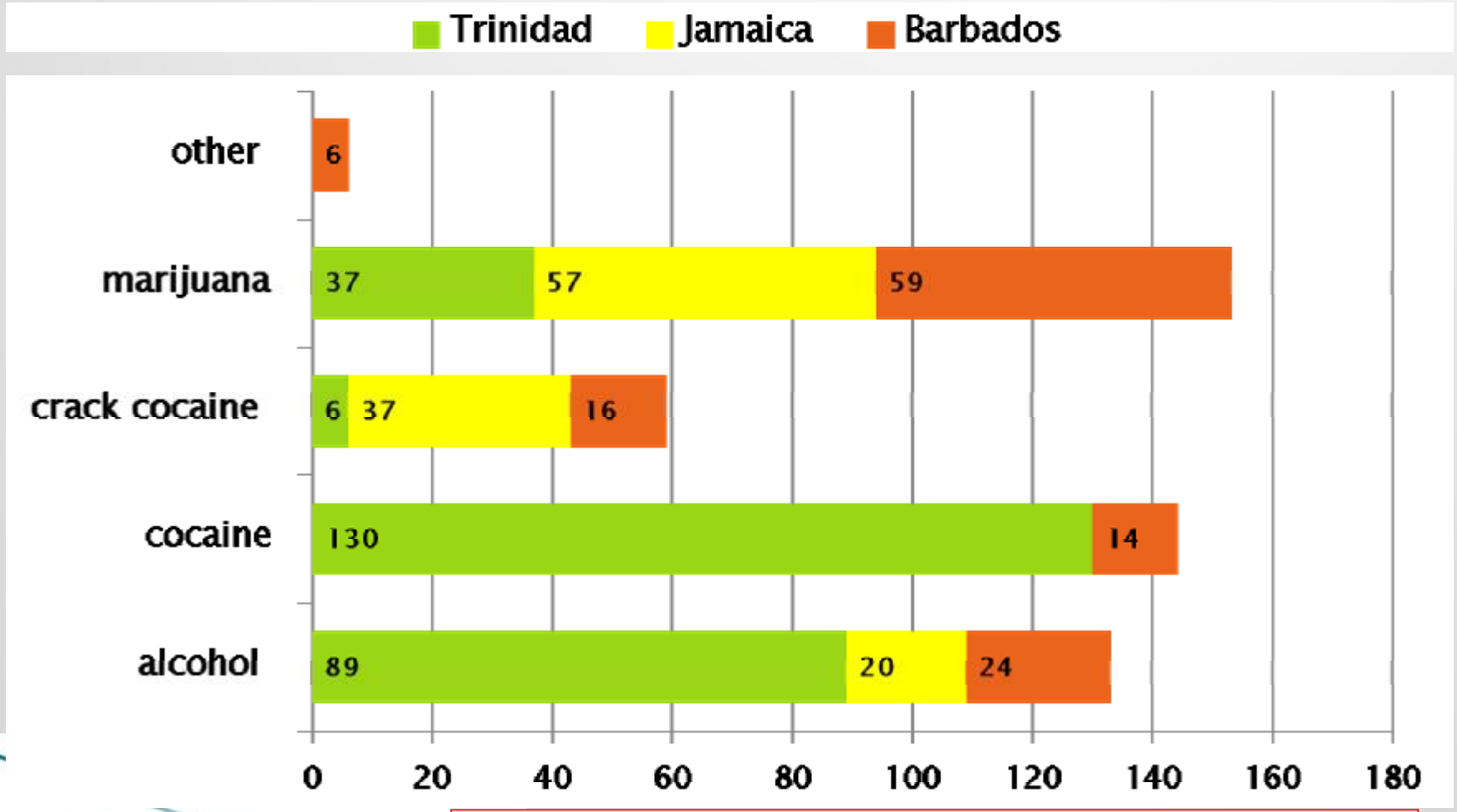
	Trinidad	Jamaica	Barbados	Total
Never	95 (35.4)	84 (70.0)	15 (12.3)	194 (38.0)
Once	31 (11.6)	25 (20.8)	7 (5.7)	63 (12.4)
2-4 times	11 (4.1)	6 (5.0)	3 (2.5)	20 (3.9)
Five or more times	1 (0.4)	4 (3.3)	1 (0.8)	6 (1.2)
Not stated	130 (48.5)	1 (0.8)	96 (78.7)	227 (44.5)

§ high proportion of values not stated overall - 227 (44.5%)
§ 38% had never been admitted
§12% admitted once
§ 5% admitted two or more times

Treatment History – most recent type of setting for treatment

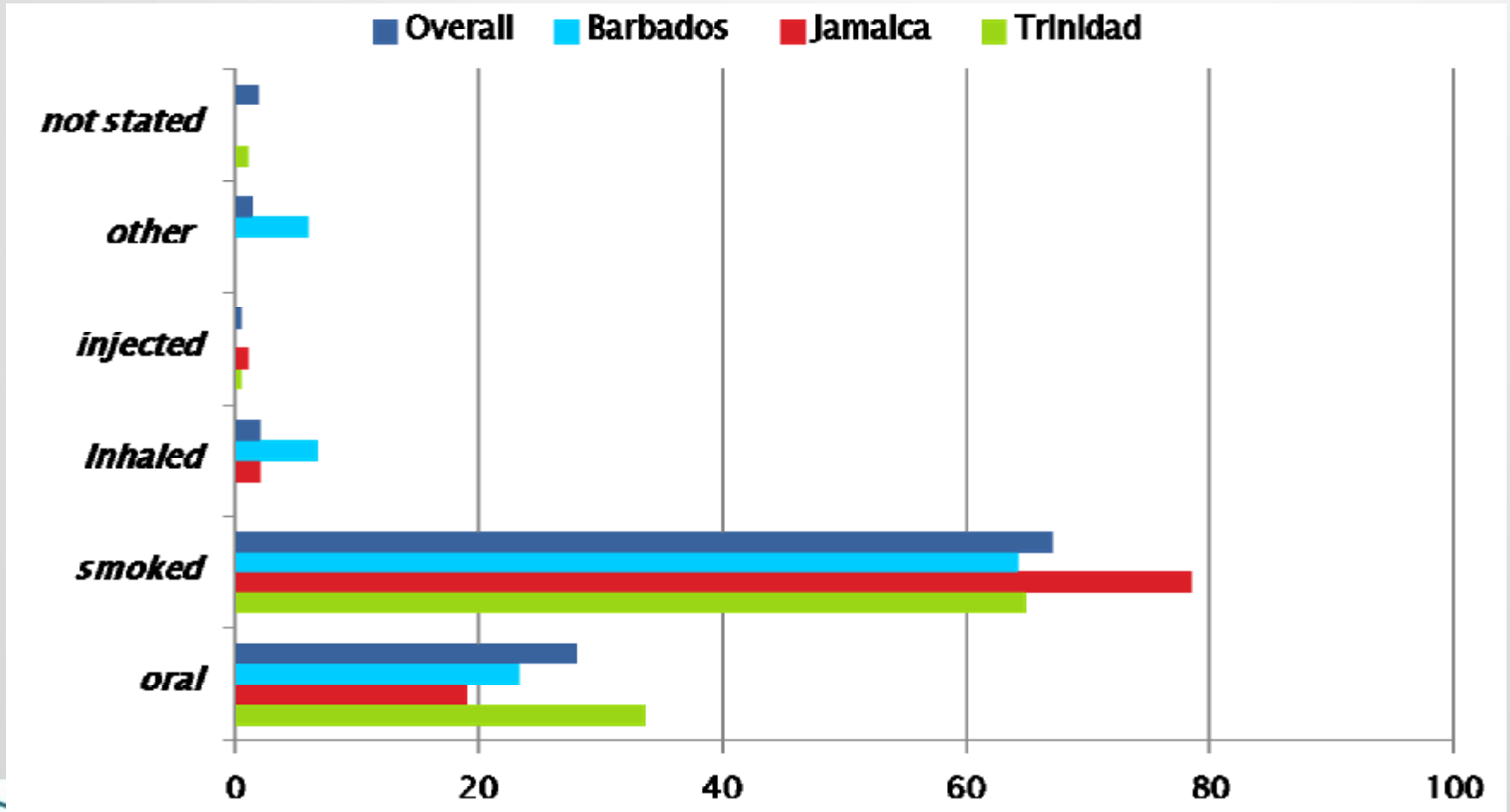
	Trinidad	Jamaica	Barbados	Total
Outpatient (n=299)	11 (16.2)	32 (47.1)	25 (36.8)	68
Residential (n=308)	119 (72.6)	22 (13.4)	23 (14.0)	164
Day clinic (n=296)	-	-	6 (100.0)	6
Detox unit (n=294)	-	13 (100.0)	-	13
Psychiatric unit (n=294)	3 (13.6)	6 (27.3)	13 (59.1)	22

Current Substance Use–
Main Substance Impacting Treatment



Seems to be a bit of confusion with respect to whether crack or cocaine

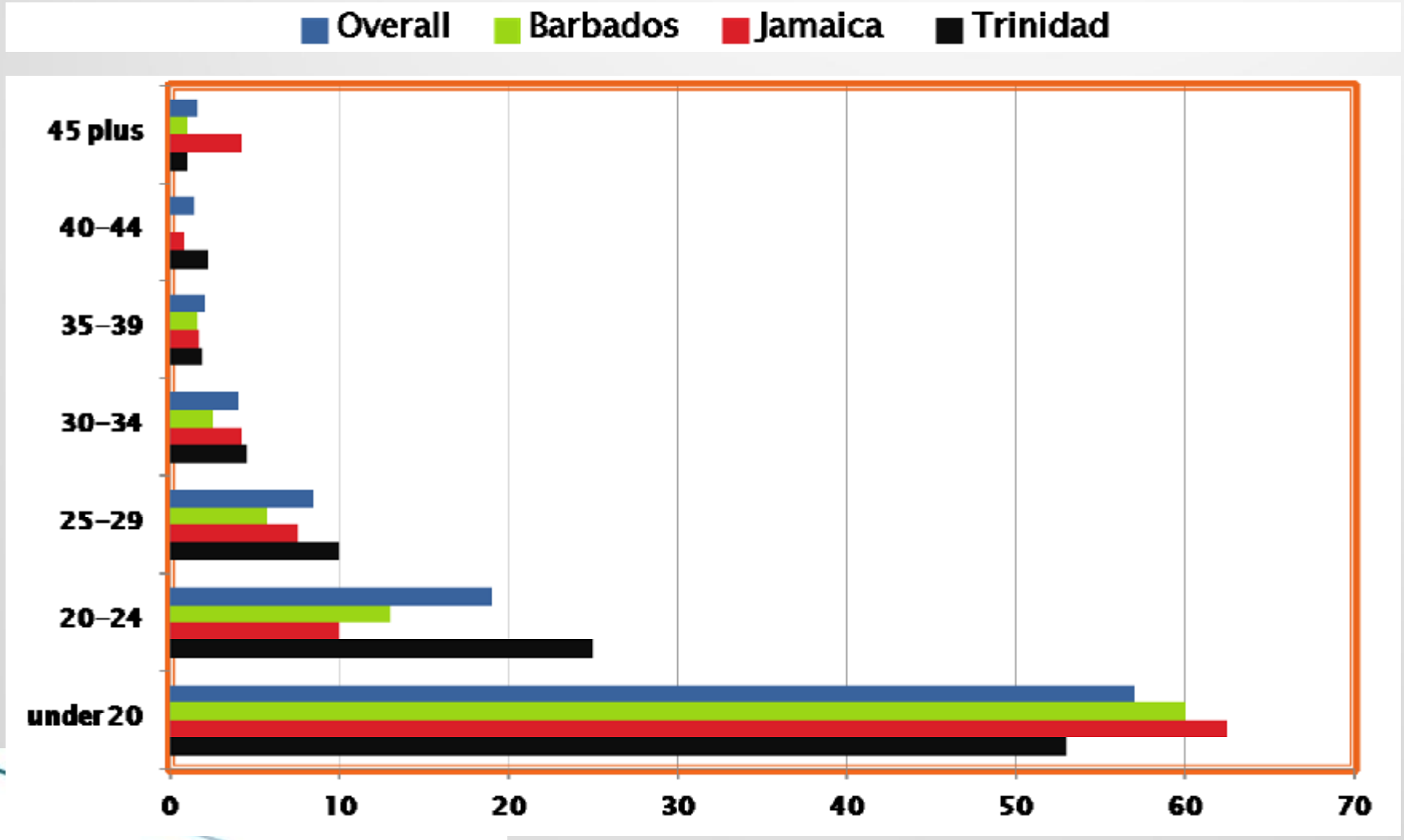
Current Substance Use–
Most Frequent Route of Administration



Current Substance Use–
Age of first use for Drug of Impact

	Overall	Trinidad (n=261)	Jamaica (n=109)	Barbados (n=102)	Male (n=439)	Female (n=30)	Deported (yes) (n=261)	Deported (no) (n=261)
Mean	19.34	20.16	19.09	17.51	19.21	21.30	19.20	22.89
Median	18.0	19.0	16.0	16.0	18.0	19.5	18.0	20.0
Std. Dev.	7.32	6.66	9.20	6.36	7.33	7.19	7.13	8.15
Min - Max	5-51	9-49	5-51	6-45	5-51	10-49	7-50	11-51
Range	46	40	46	39	46	39	43	40

Current Substance Use– First Use of Drug of Impact by Age Grouping –



Current Substance Use–
Type of drug used in last 30 days

	Trinidad	*Jamaica*	*Barbados*	*Overall*
Alcohol	218 (81.3)	69 (57.5)	69 (56.6)	356 (69.8)
Tobacco	221 (82.5)	80 (66.7)	65 (53.3)	366 (71.8)
Opioids				
Heroin	1 (0.4)	-	-	1 (0.2)
Methadone	-	-	-	-
Other opioids	1 (0.4)	-	-	1 (0.2)

Current Substance Use– Type of drug used in last 30 days

	Trinidad	Jamaica	Barbados	Overall
Cocaine				
Cocaine	8 (3.0)	4 (3.3)	22 (18.0)	34 (6.7)
Coca paste	-	-	1 (0.8)	1 (0.2)
Crack cocaine	124 (46.3)	35 (29.2)	28 (23.0)	187 (36.7)
Stimulants				
Amphetamines	-	1 (0.8)	-	1 (0.2)
Meth	-	-	1 (0.8	1 (0.2)
Others	-	-	-	1 (0.2)

Seems to be a bit of confusion with respect to whether crack or cocaine

Current Substance Use–
Type of drug used in last 30 days

	Trinidad	*Jamaica*	*Barbados*	*Overall*
Hypnotics and Sedatives				
Barbiturates	-	-	-	1 (0.2)
Benzodiazepines	2 (0.7)	-	1 (0.8)	3 (0.2)
Hallucinogens				
LSD	1 (0.4)	-	-	1 (0.2)
Other	-	-	-	2 (0.4)

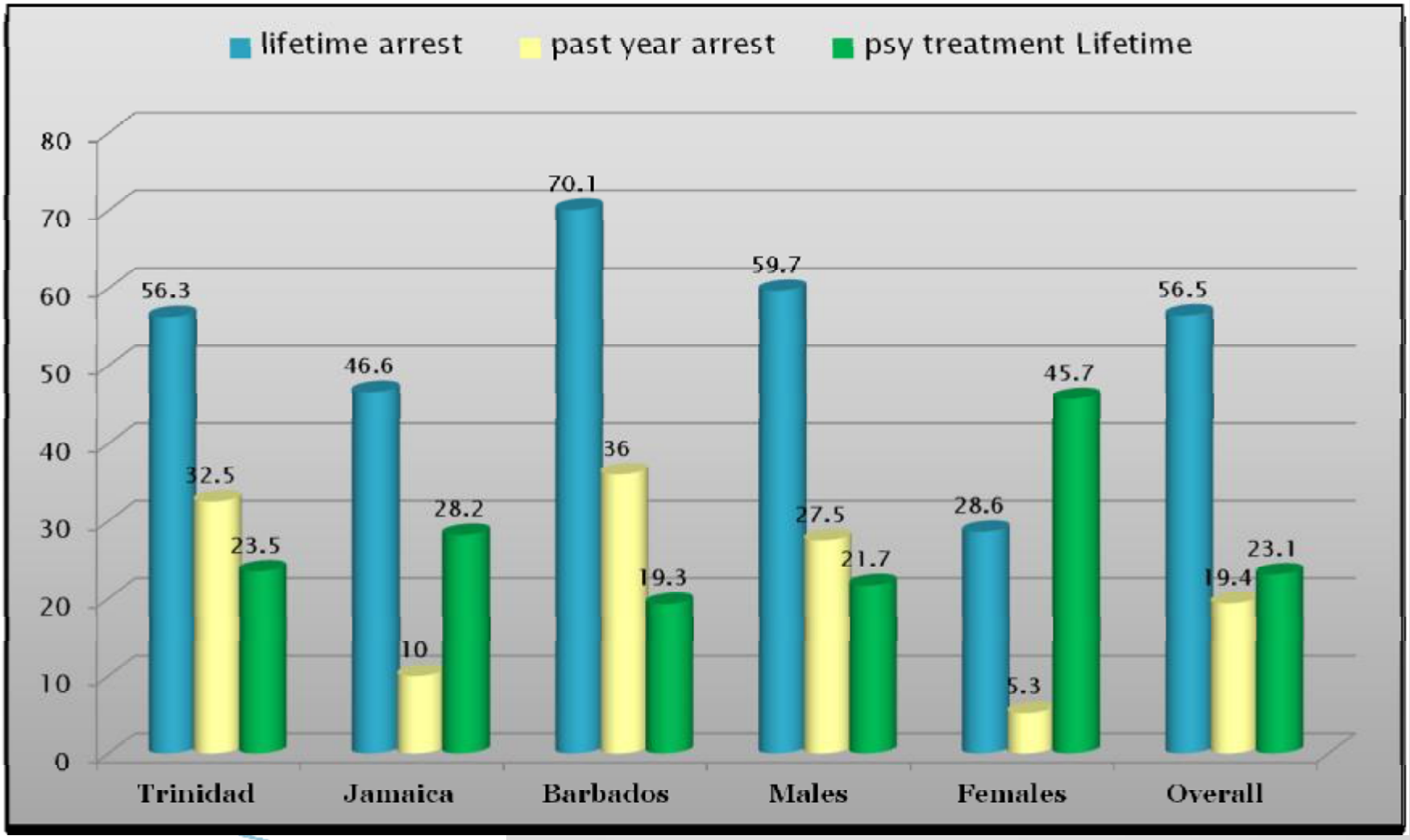
Current Substance Use–
Type of drug used in last 30 days

	Trinidad	*Jamaica*	*Barbados*	*Overall*
Inhalants	-	1 (0.8)	2 (1.6)	3 (0.6)
Cannabis (ganja)	124 (46.3)	67 (55.8)	65 (53.3)	256 (50.2)
Anabolic steroids	-	-	1 (0.8)	1 (0.2)
Abuse of pres. meds.	2 (0.7)	4 (3.3)	-	6 (1.2)
Others (grabba)	-	2 (1.6)	-	2 (0.4)

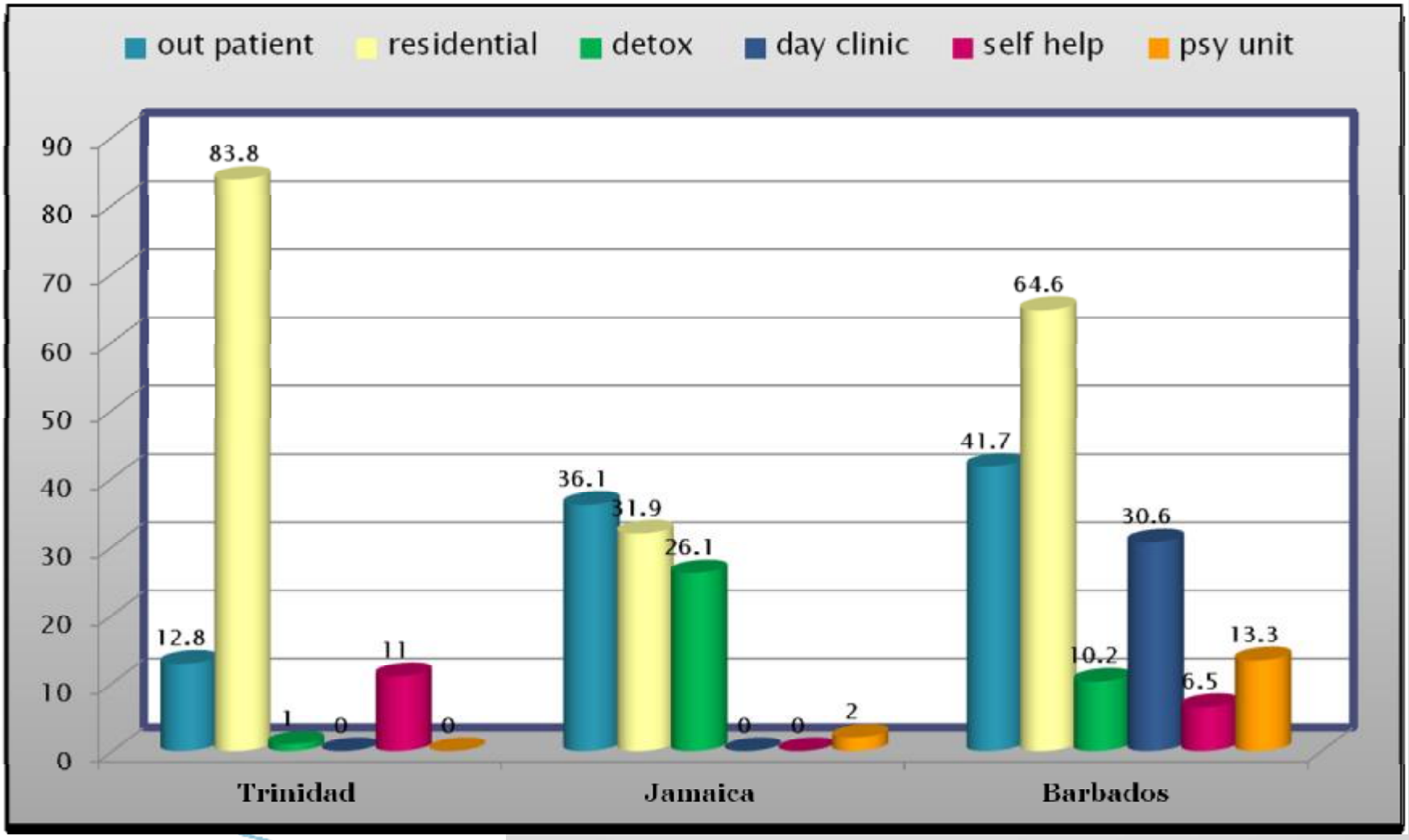
Findings con't

Criminal Justice History
&
Psychiatric Treatment History

Prevalence of Arrest and Treatment for Psychiatric Disorder



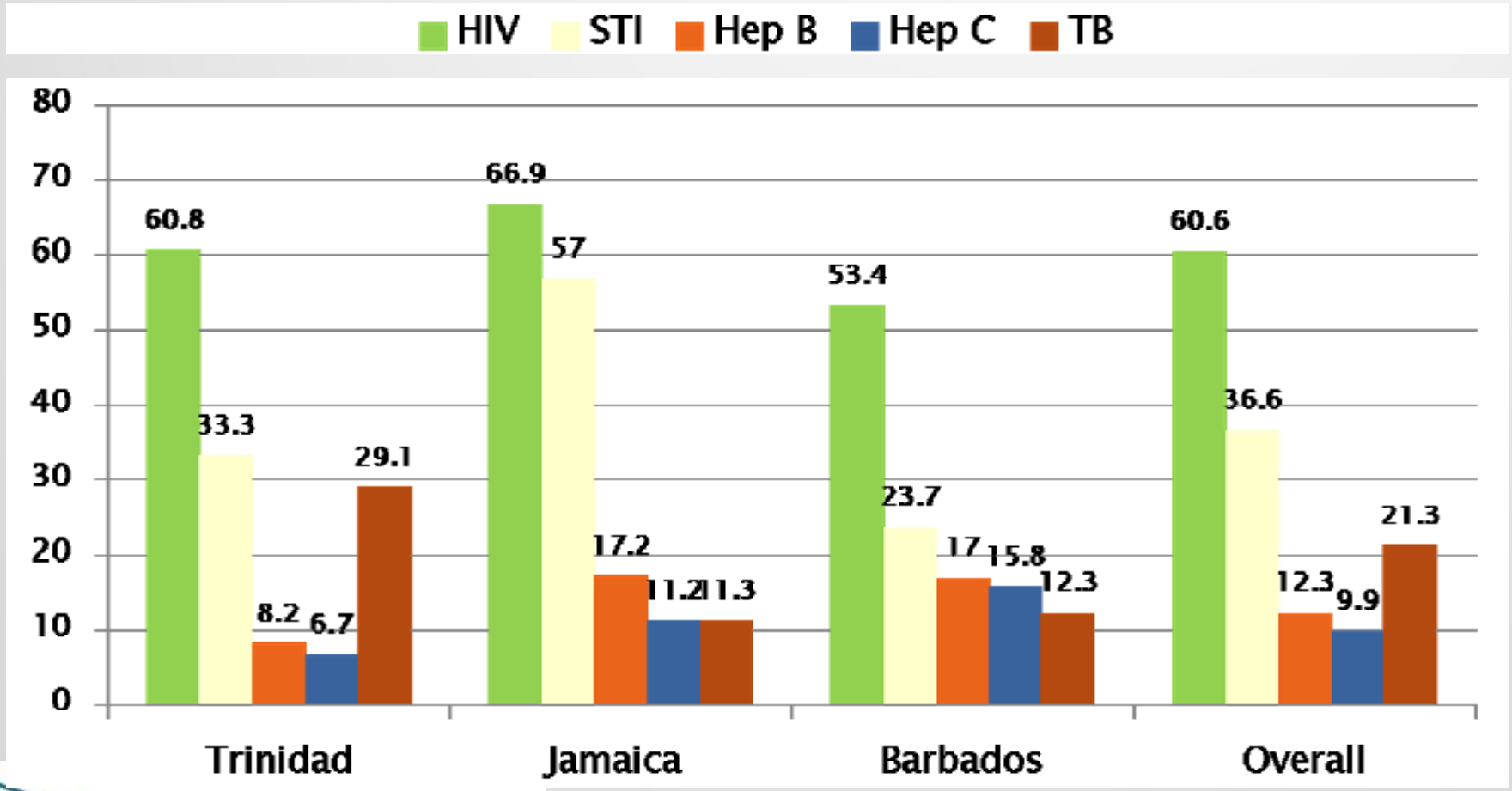
Prevalence of Arrest and Treatment for Psychiatric Disorder



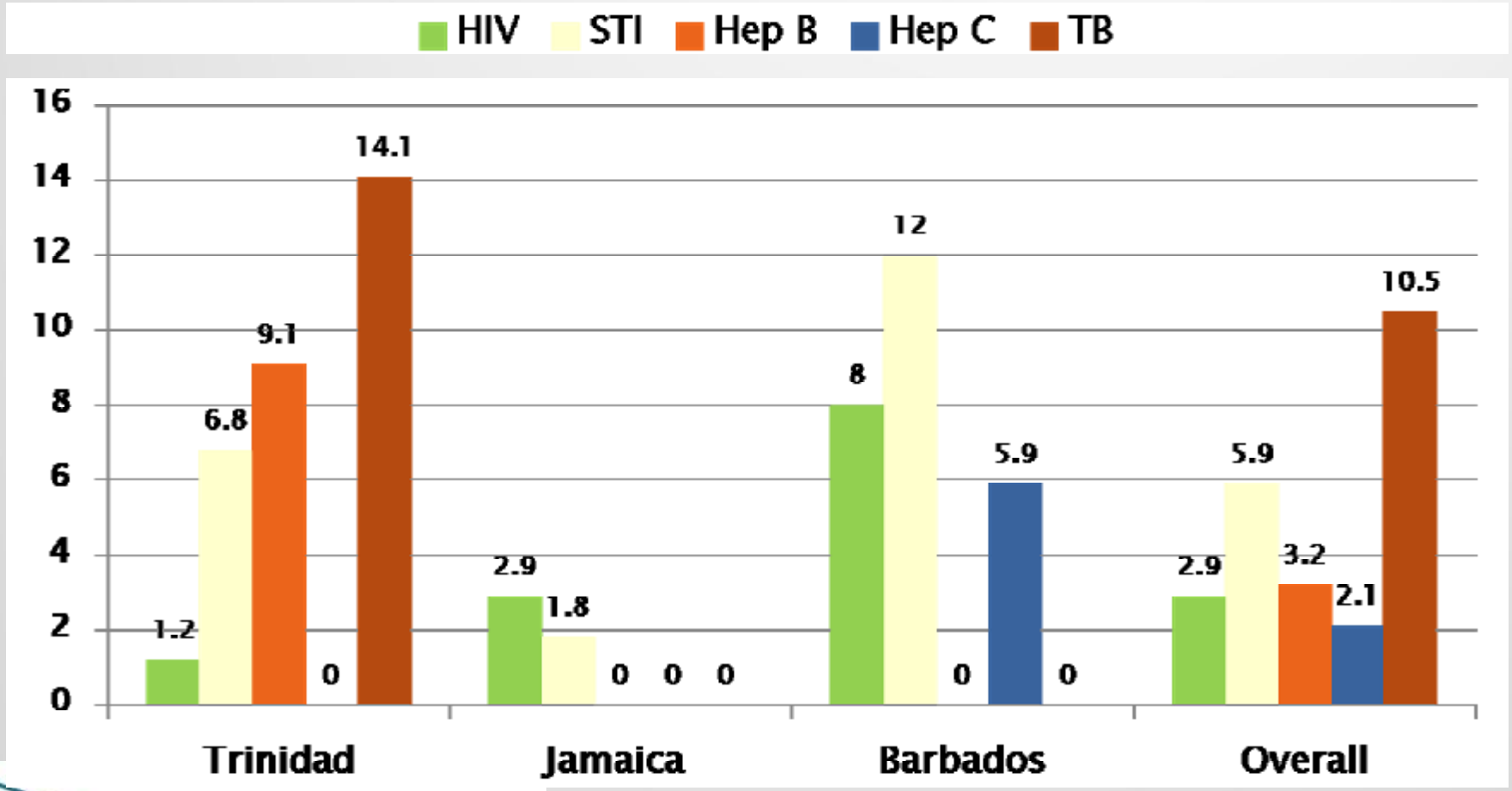
Findings con't

- *Contagious Disease History*

Contagious Disease History – Ever Tested



Contagious Disease History – Positive Test Results



Placement – Clients placement after assessment

	Trinidad	Jamaica	Barbados
Out patient	34 (12.8)	43 (36.1)	20 (41.7)
Residential	222 (83.8)	38 (31.9)	42 (64.6)
Day Clinic	-	-	19 (30.6)
Self Help	11 (4.2)	-	3 (6.5)
Detox Unit	1 (0.4)	31 (26.1)	5 (10.2)
Psychiatric Unit	-	2 (1.7)	6 (13.3)
Other Facility	1 (0.4)	-	3 (6.7)
Dropped Out	-	-	1 (2.3)

Data Constraints

- *Jamaica and Barbados* - The number of completed years of education had to be recalculated for several forms given that point persons only recorded the number of years at the specific level achieved rather than overall years (e.g if the level was tertiary, they may have put 4 or 6, when it should have been 15 or 16). Despite discussing this with the point persons, the question was incorrectly completed on approximately 50% of the questionnaires. Corrected in house.

Data Constraints

- *Jamaica* - Data entry went well but there was a red flag for question 14 (referral source) . The data was mostly incorrectly entered for 2 reasons a) Our data entry clerk counted the number of lines (rather than actual response options) and entered the numbers. Some options cover 2 lines, so she entered incorrect numbers. She did this because b) the response options were not automatically shown beyond row 54 for this question (and some others). So that made the data entry process a bit tedious and prone to more errors as she had to go back to the form to view the options rather than seeing them automatically on the dataset. We have corrected the errors.

Data Constraints

- Problems with the database screen – e.g., Question 3 : No option for month 12. Extends only to month 11
- Item 16. While the database appears to contain the response options “Yes”, “No”, “No response” and “DNK” for item 16, it would not allow “No response” or “DNK” to be entered. When attempting to enter either of these options, the following message/alert appeared “The value you entered is not valid. A user has restricted values that can be entered into this cell.” this was also the case for item 24 (placement)

Data Constraints

- Barbados - Item 17 (main substance for which seeking treatment) - The full list of response options/drugs cannot be seen. Therefore, one had to guess which value to enter.

- Barbados - Items 17 & 18. These items do not accommodate instances of poly drug use. There were forms on which multiple drugs and routes of administration were listed. In such instances, “Other” was selected for both items.

General comments with respect to data management

- The less accurate the data that is available, the greater the reliance upon assumptions and generalizations which can lead to inaccurate conclusions that may only allow the problem to proliferate

- To assist the outcome at step 4 (referral or placement), the intake and assessment process, must provide information that does not constrain the decision-making process

Conclusions and Recommendations

- Relatively smooth implementation
- The quality of data depended on how well agencies comply with data requirements
- Some very useful information with respect to the demographics, substance use, treatment history and criminal justice history
- Allows for comparison across the region
- Few glitches to sort out with respect to the data entry screen