



# SACENDU

SOUTH AFRICAN COMMUNITY EPIDEMIOLOGY NETWORK ON DRUG USE

Treatment Demand Data • Service Quality Measures (SQM)  
• Community-Based Harm Reduction Services

## NORTHERN REGION SYMPOSIUM

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Ms Nancy Hornsby (presenter)

**Phase 53b | July – December 2022**

**19 April 2023, Nelspruit, Mbombela**





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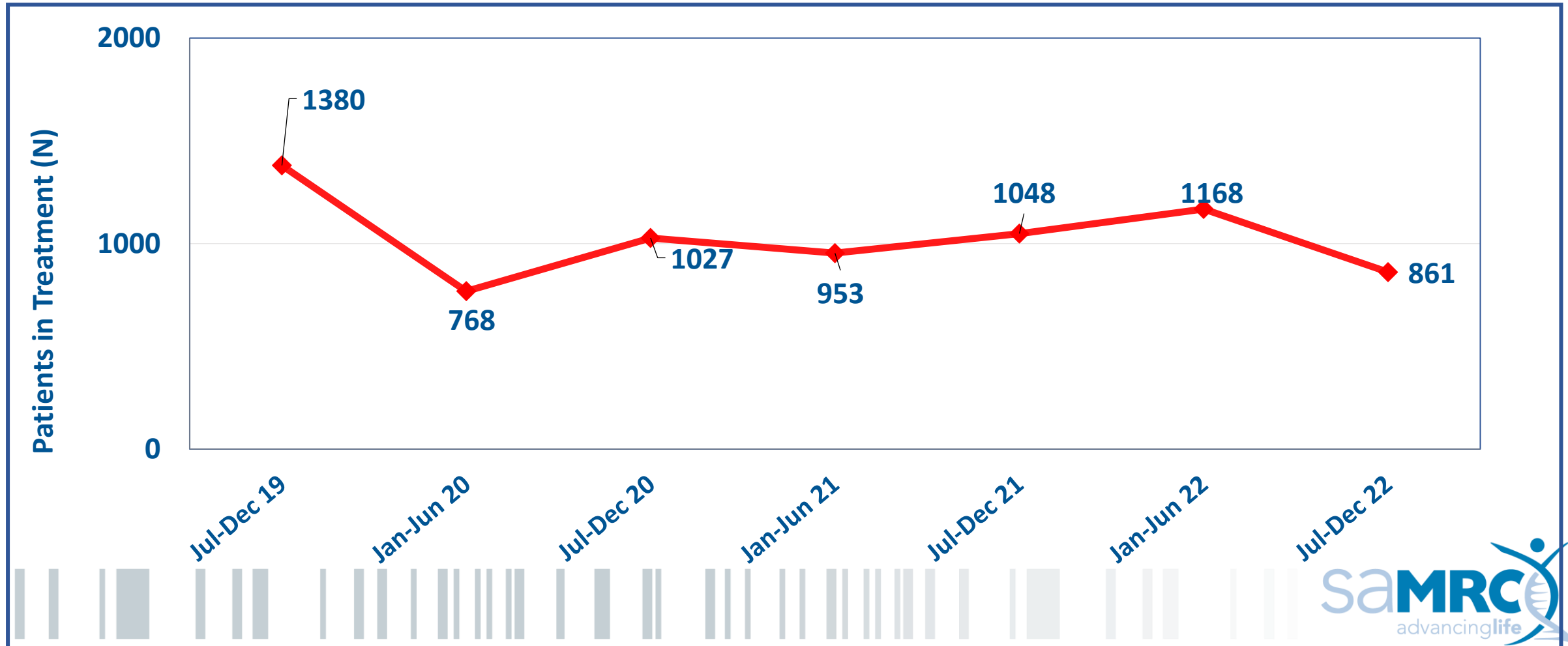
- Treatment Demand Data
- Service Quality Measures (SQM)
- Community-Based Harm Reduction Services

## NORTHERN REGION TREATMENT DEMAND DATA



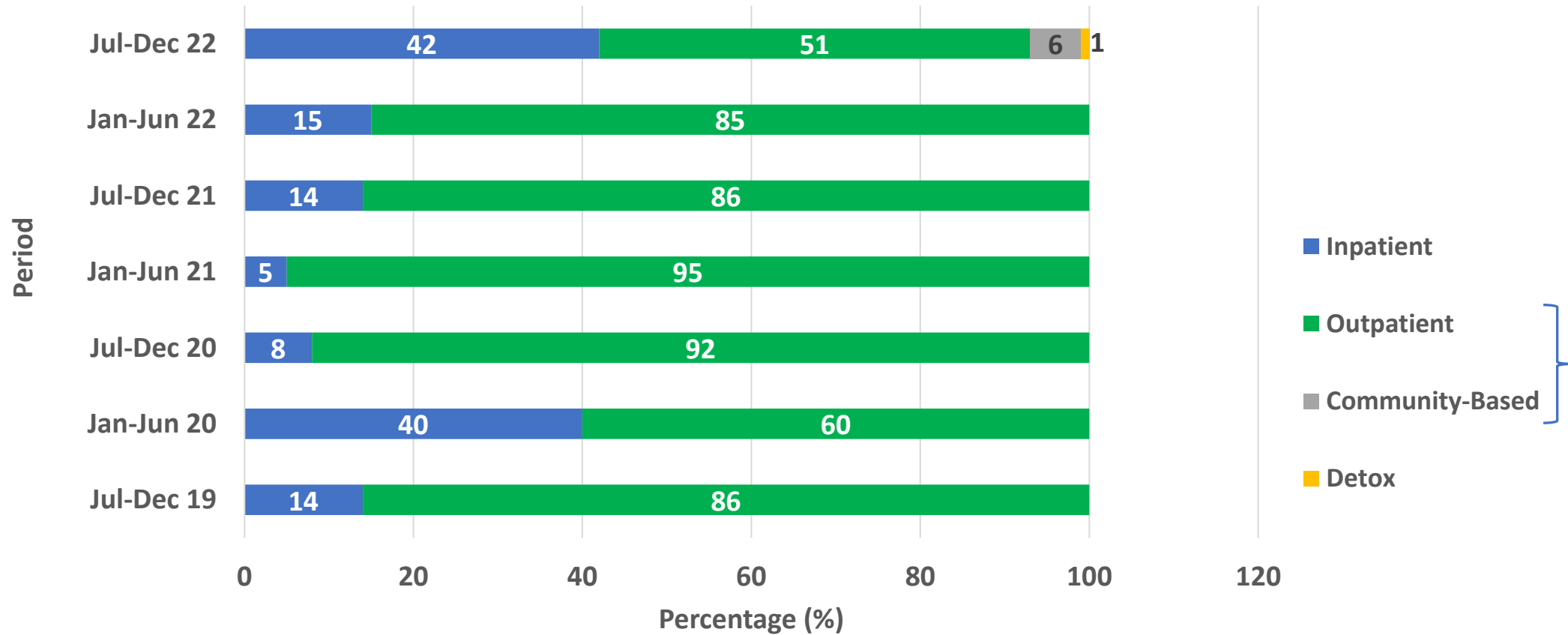


## NUMBER OF PATIENTS IN TREATMENT



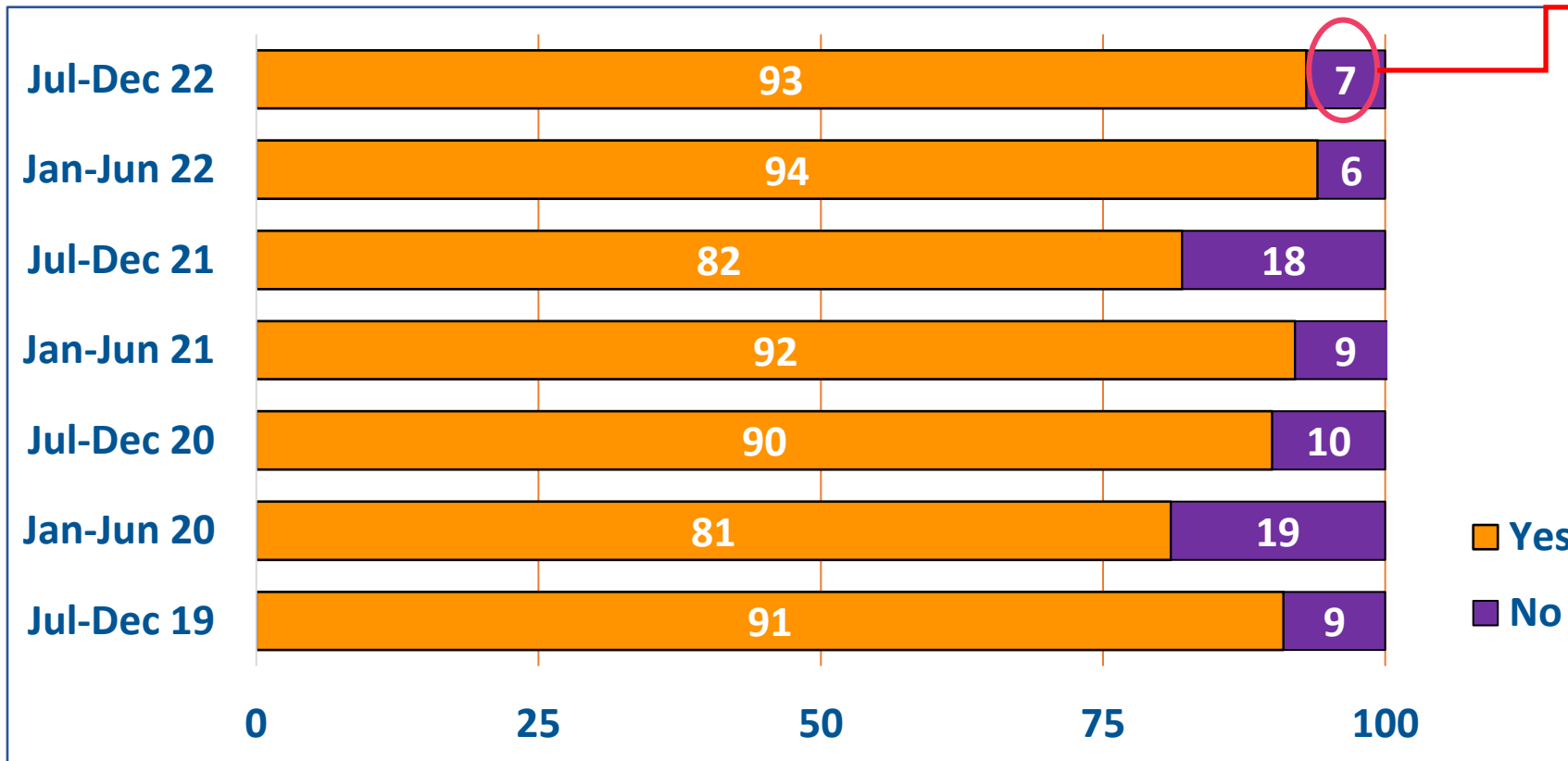


## TYPE OF TREATMENT RECEIVED





## FIRST TIME ADMISSIONS VS READMISSIONS (%)



Number of times	%
1-5 times	95
6-10 times	-
11-15 times	-
16-20 times	5

■ Yes  
■ No



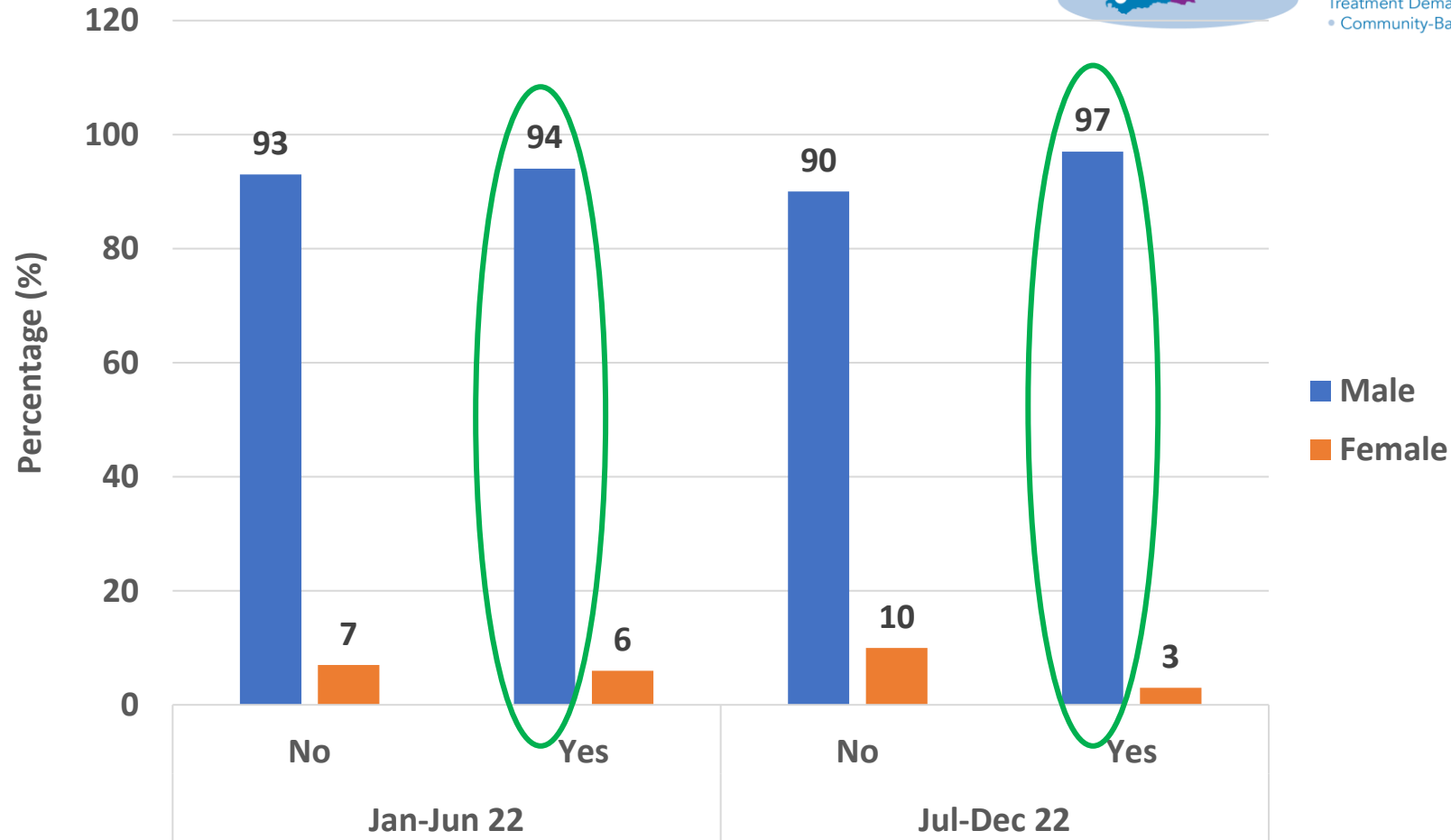
# READMISSION BY GENDER (%)



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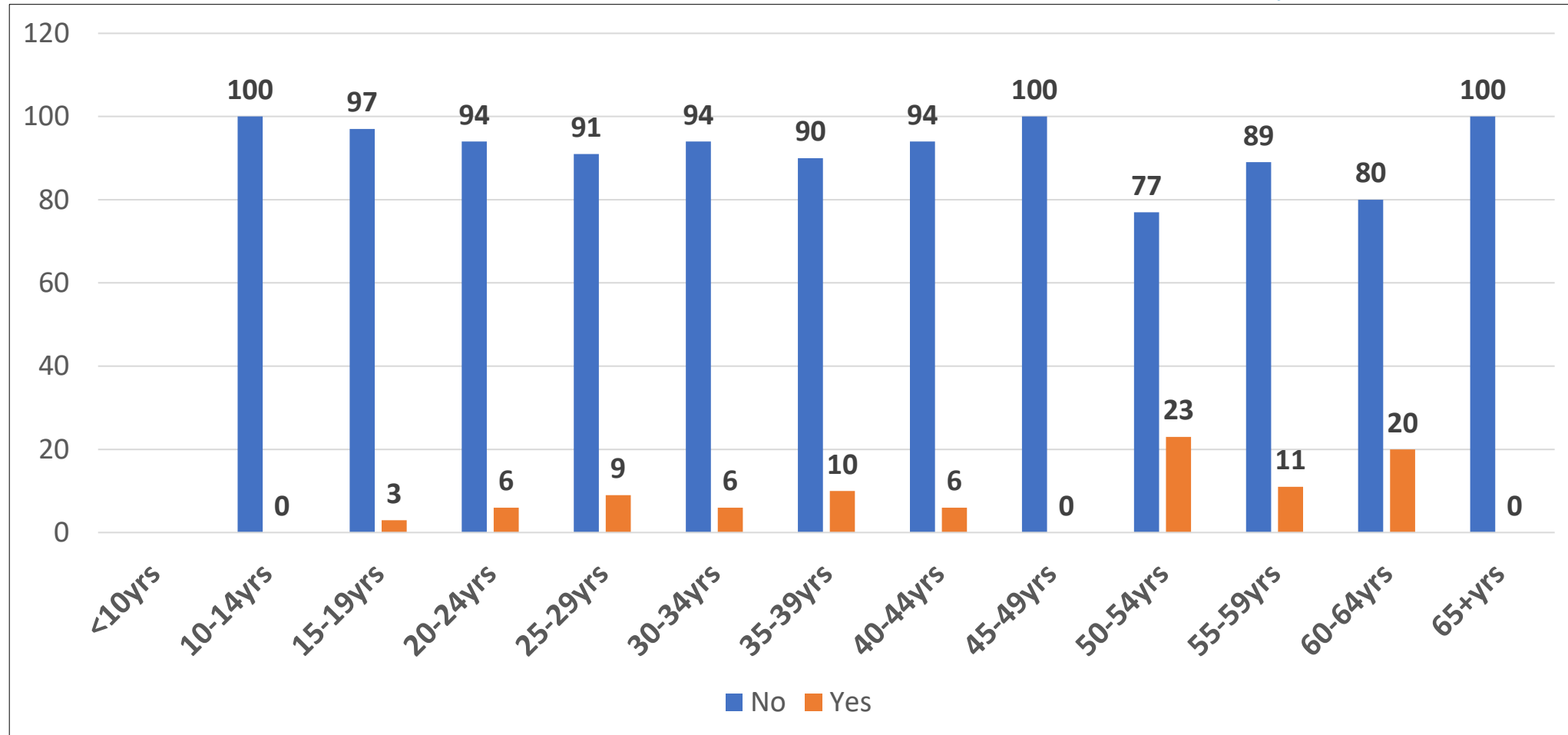
# READMISSION BY AGE



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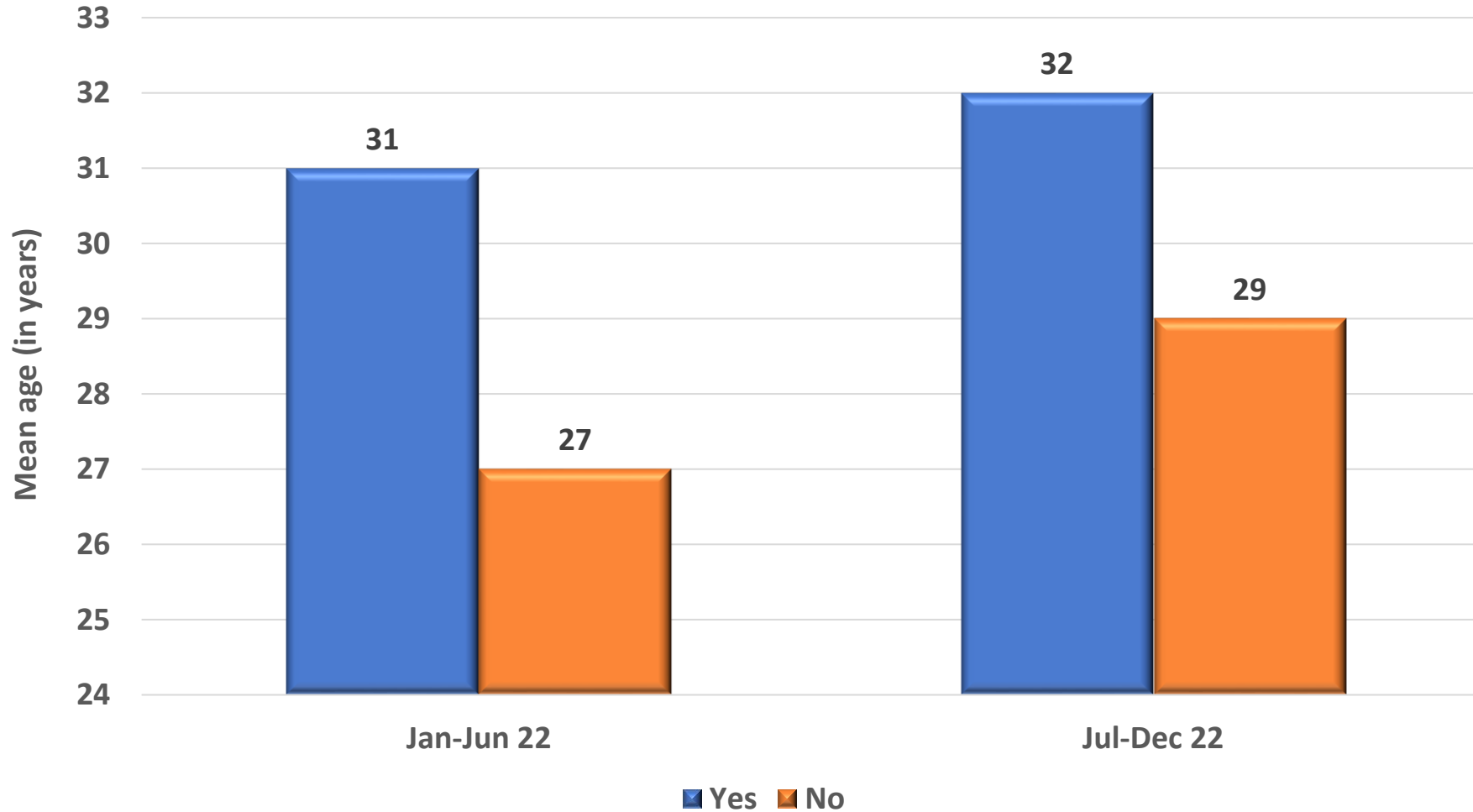
# READMISSION BY MEAN AGE (OVER TIME)



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# POPULATION PROFILE



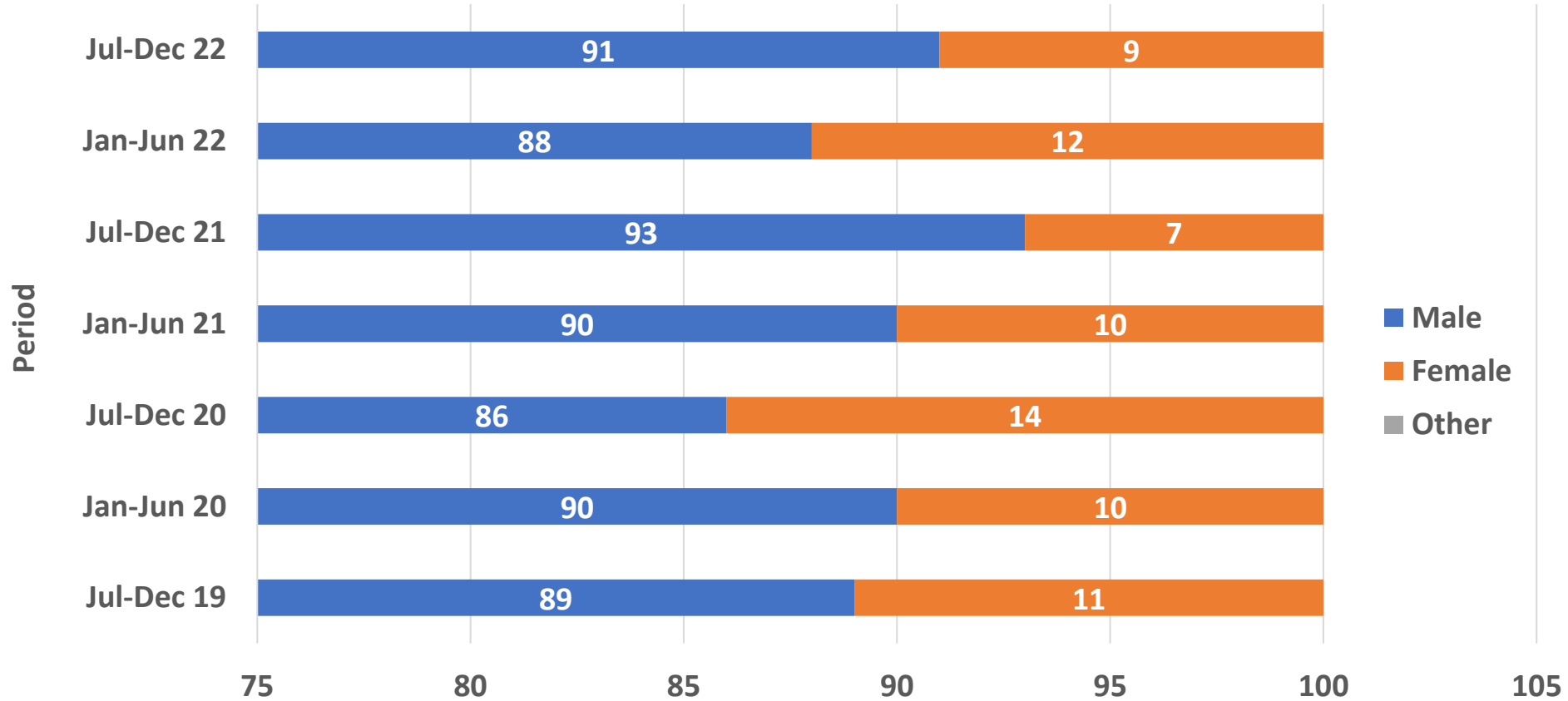
# GENDER (%)



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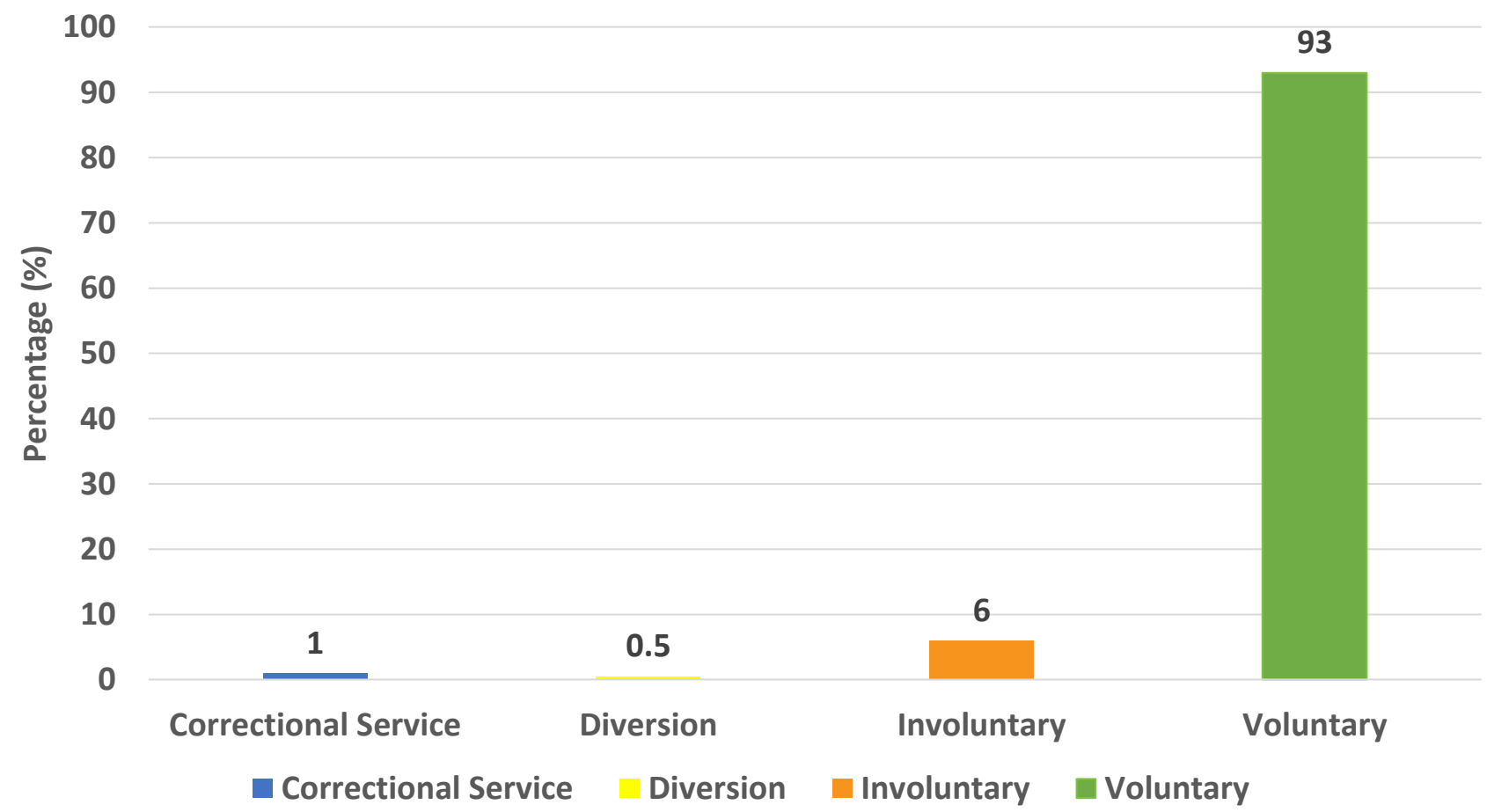
# TYPE OF ADMISSION



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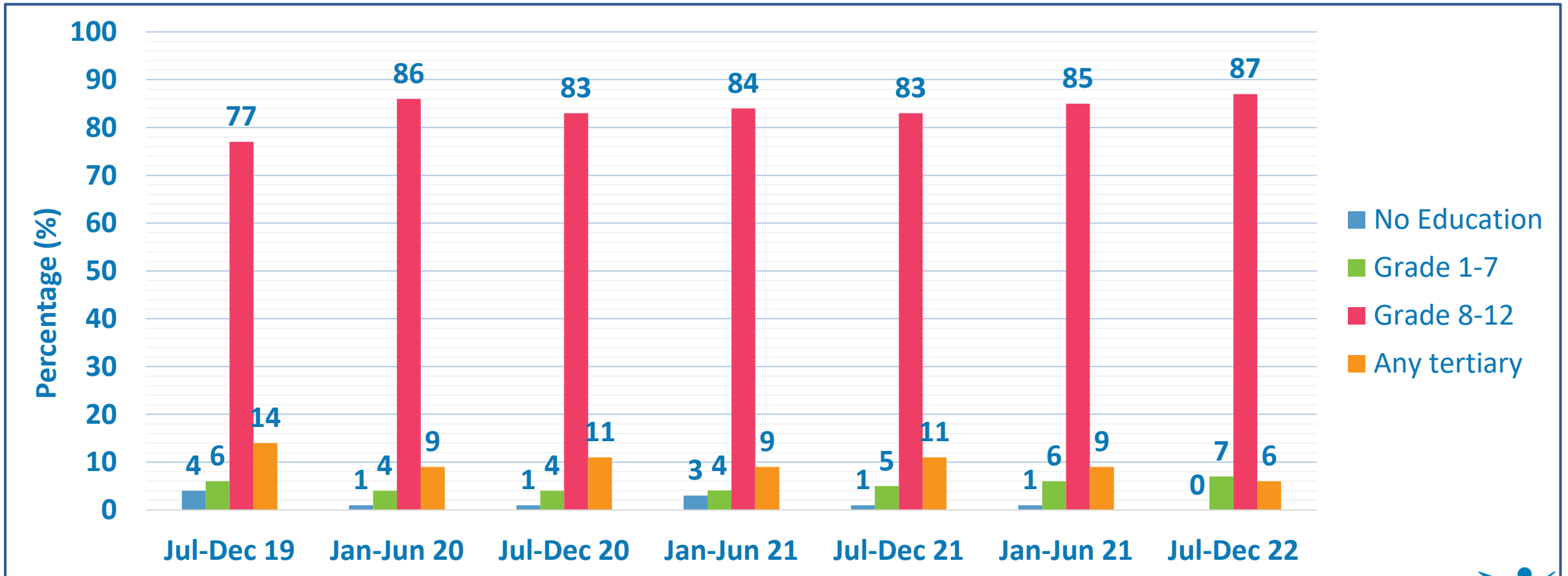


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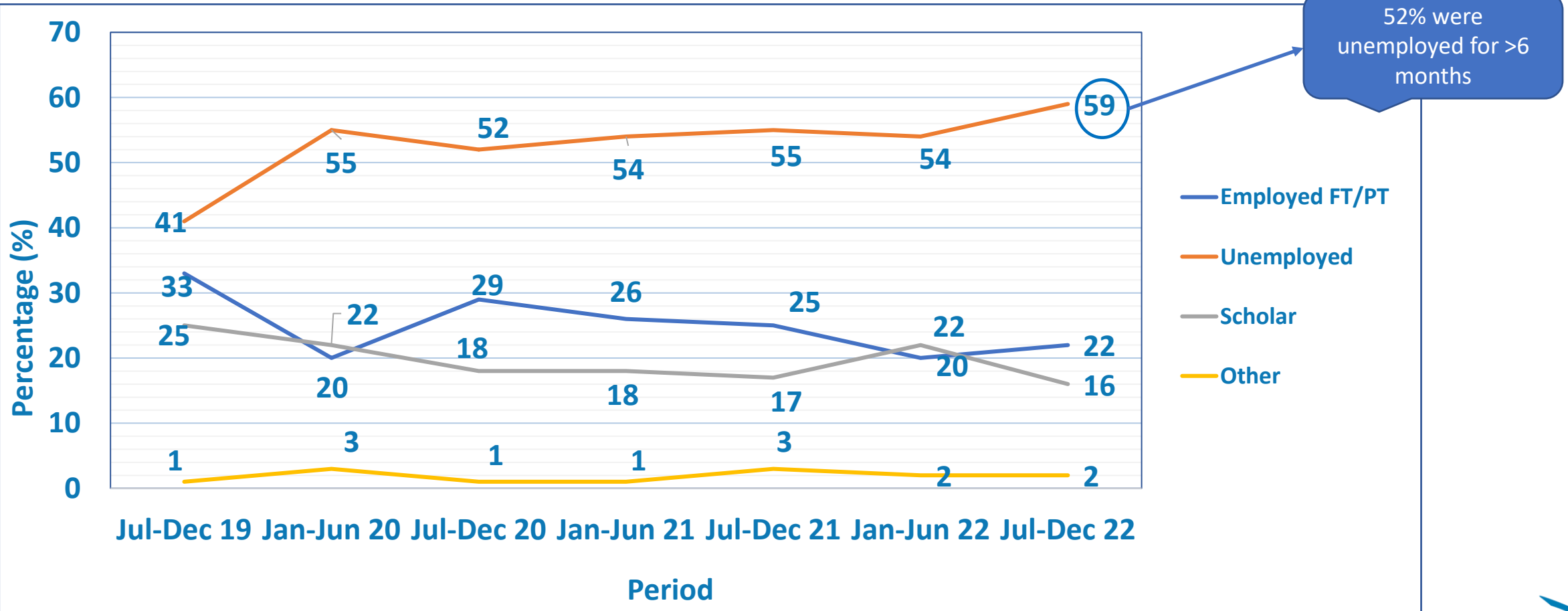
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## EDUCATION LEVEL





## EMPLOYMENT STATUS



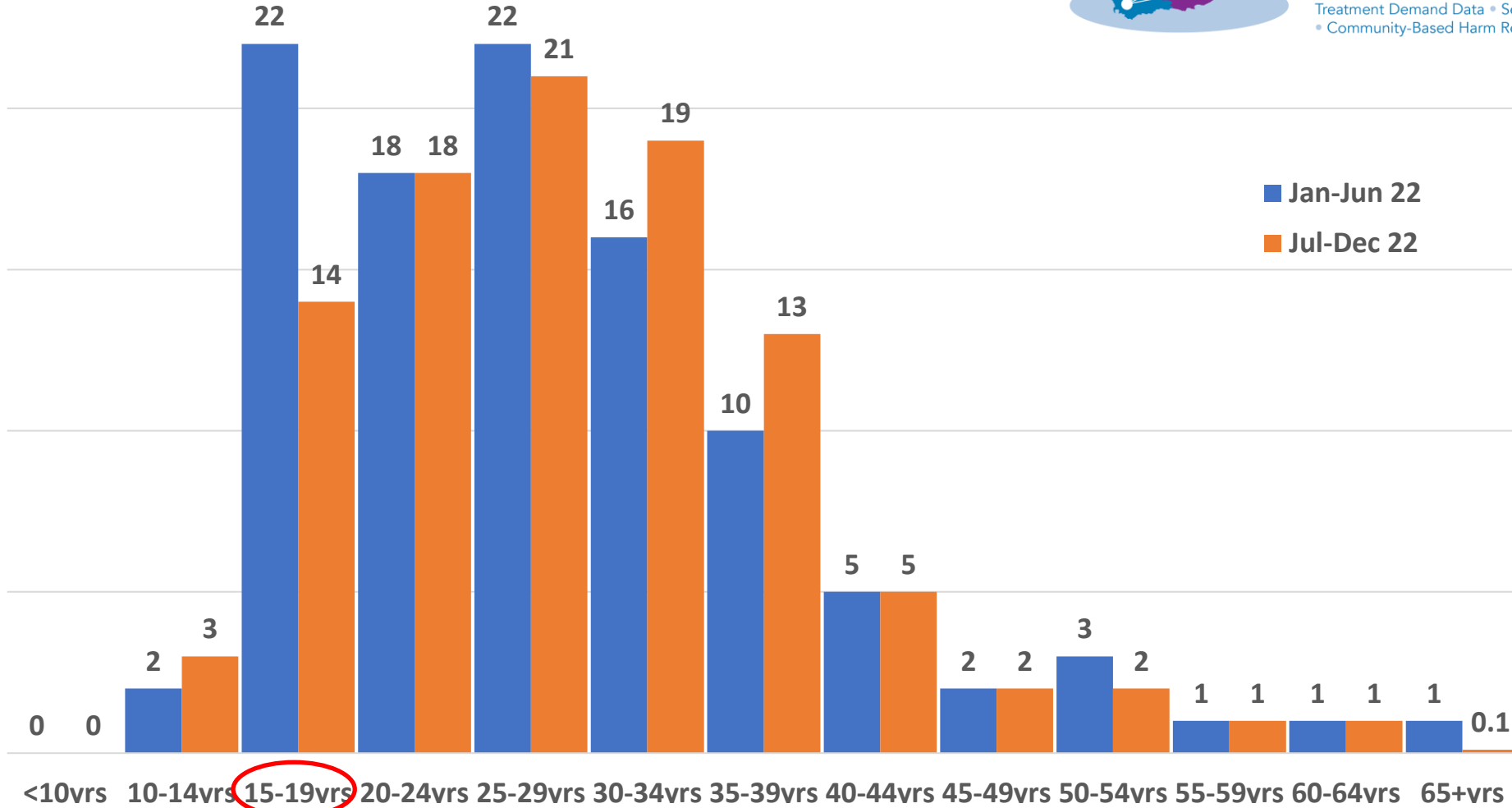
# AGE COHORTS (%)



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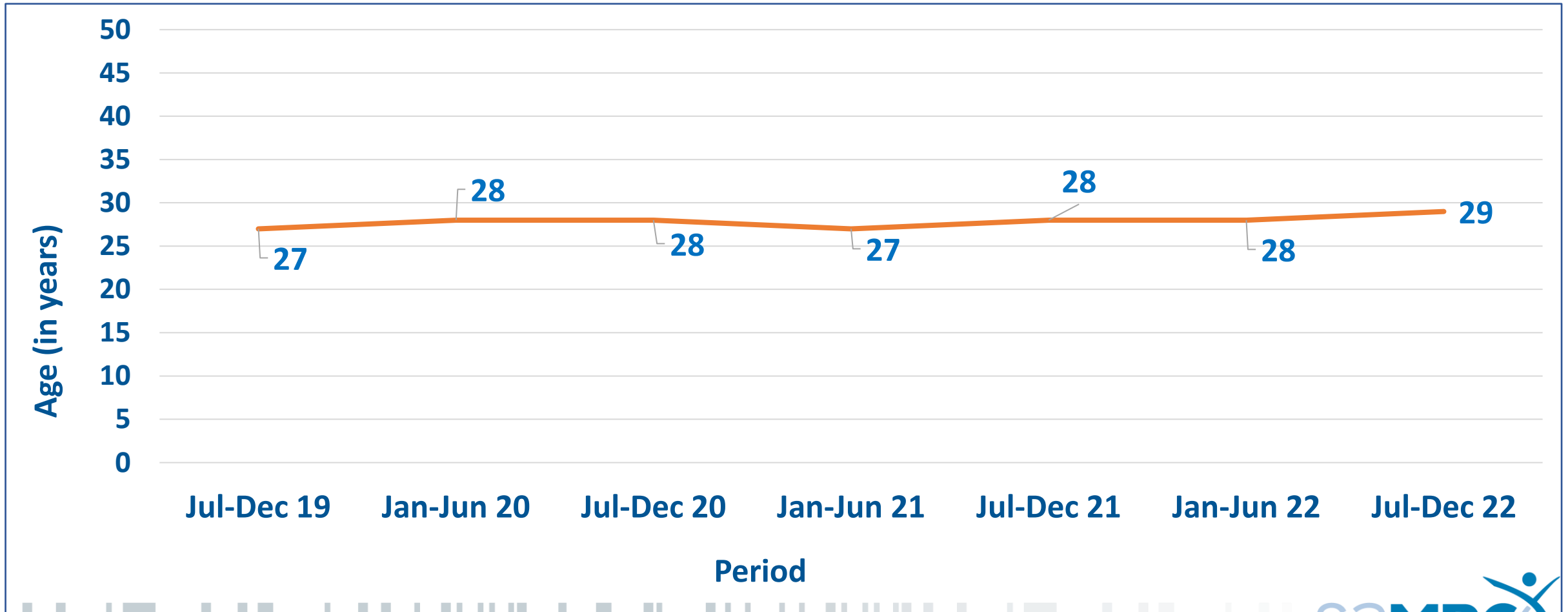
# MEAN AGE ACROSS PERIODS



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# WHERE CLIENT RESIDES

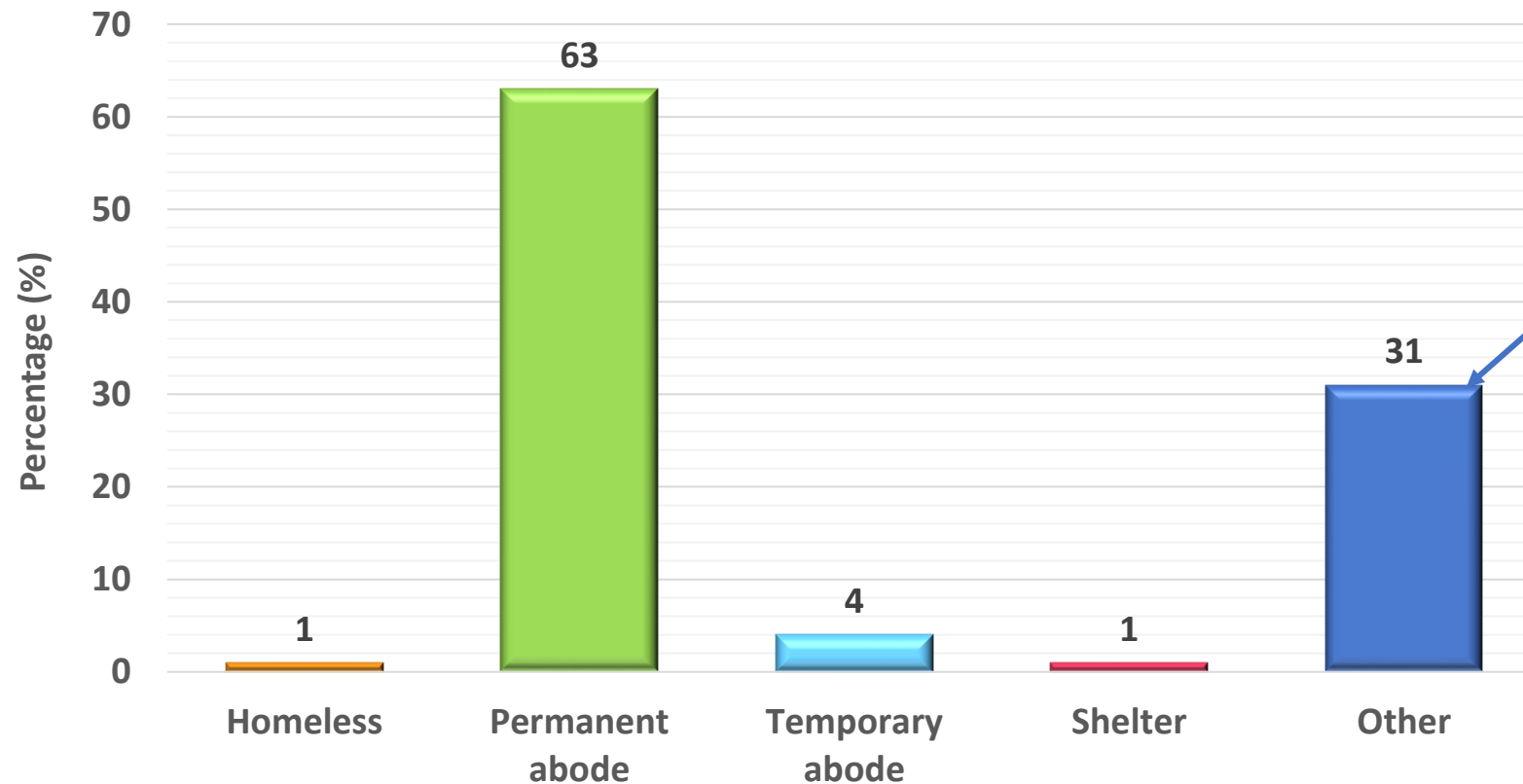


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Other (specify)	%
Renting	2



# WHO CLIENT RESIDES WITH

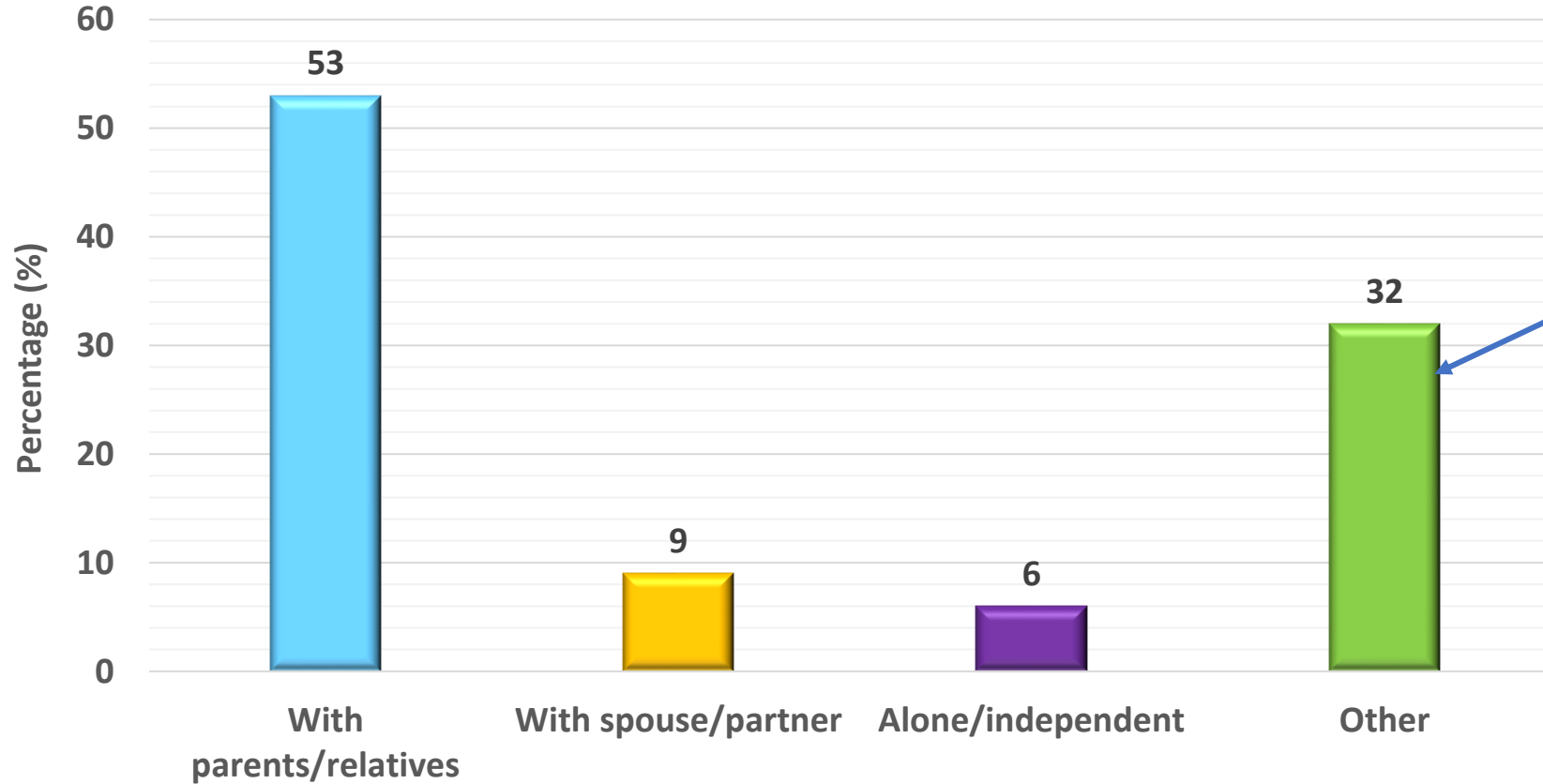


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Other (specify)	%
Friends	3



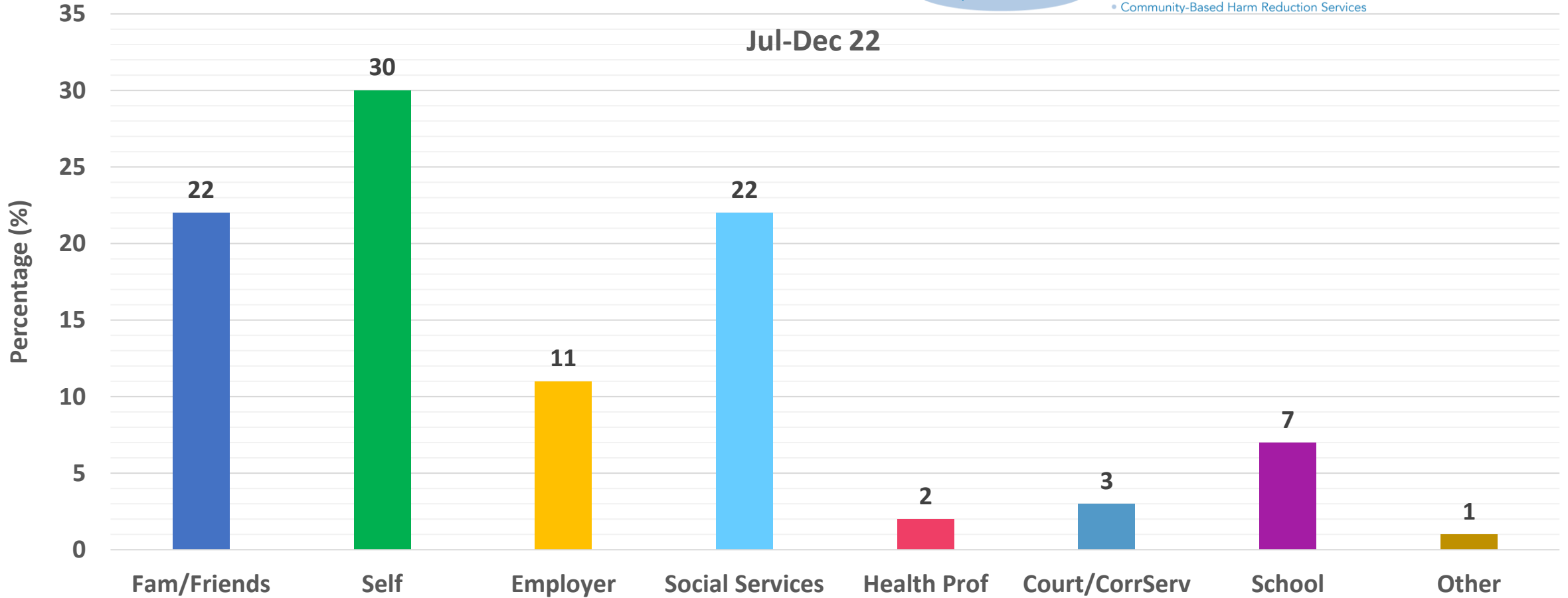
# Referral Source



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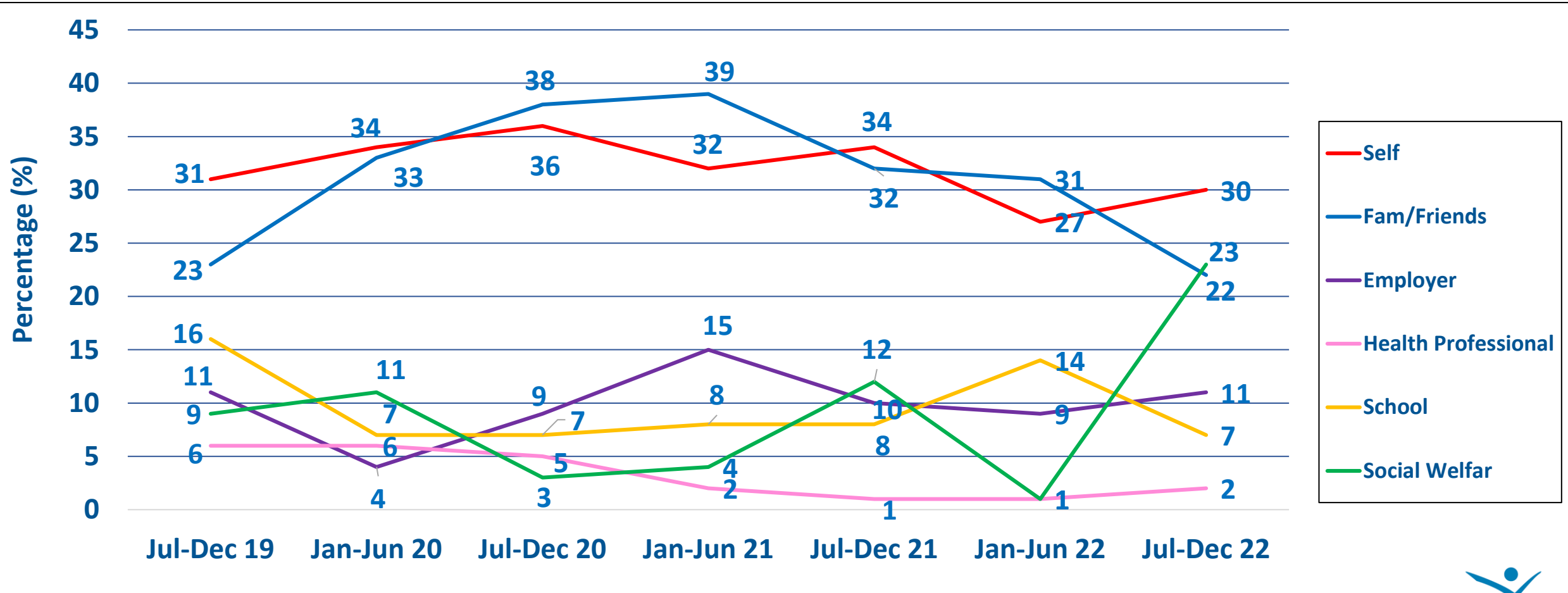
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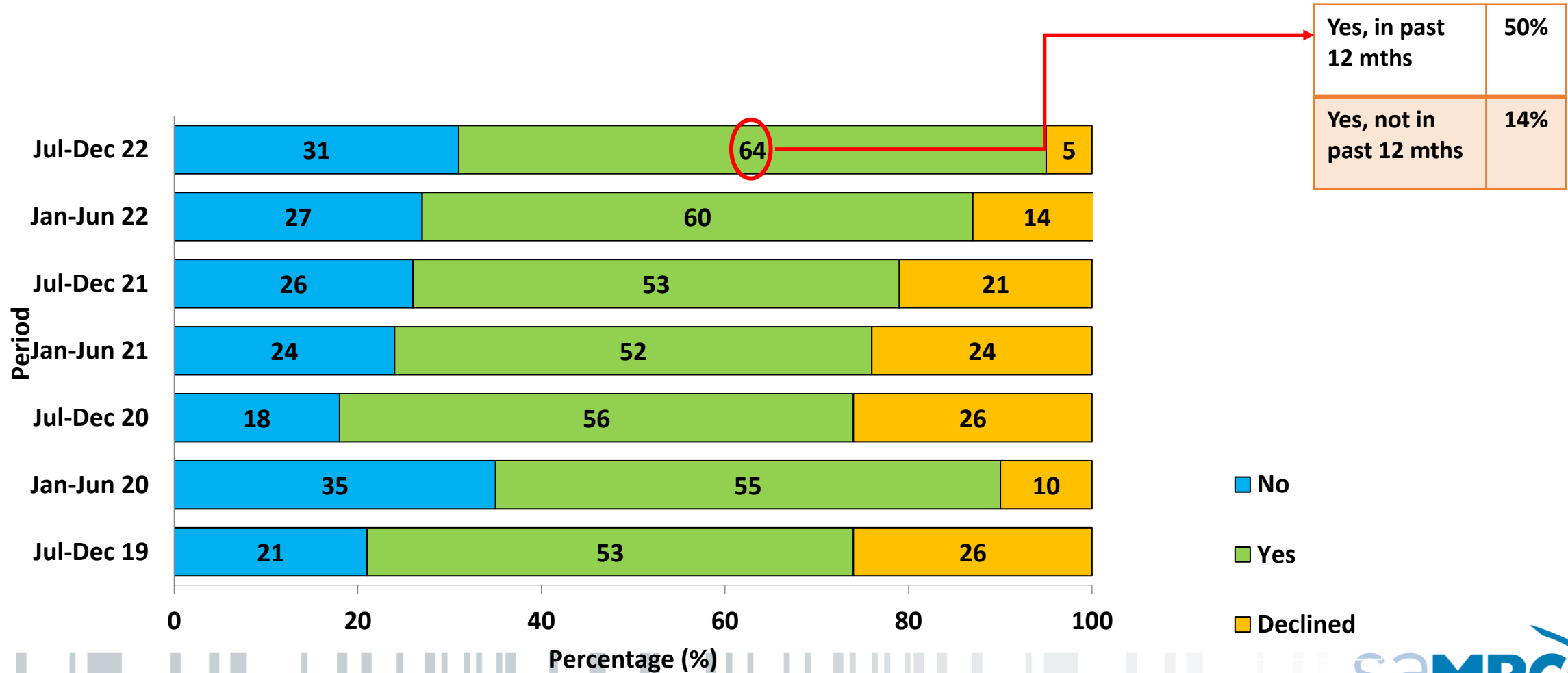


## REFERRAL SOURCE OVER TIME (%)





## HIV TESTED OVER PTM (%)



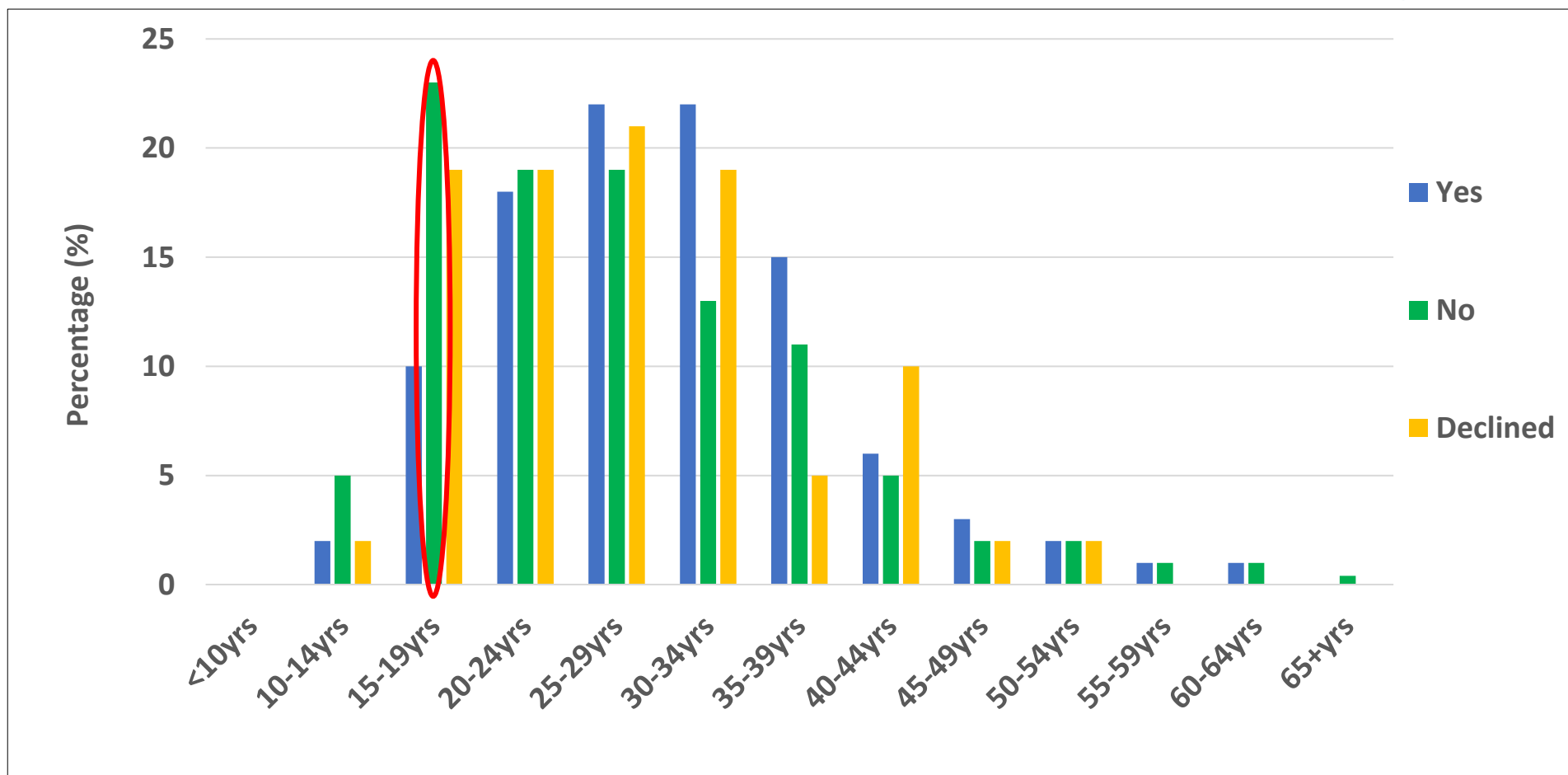
# HIV TESTED BY AGE COHORT



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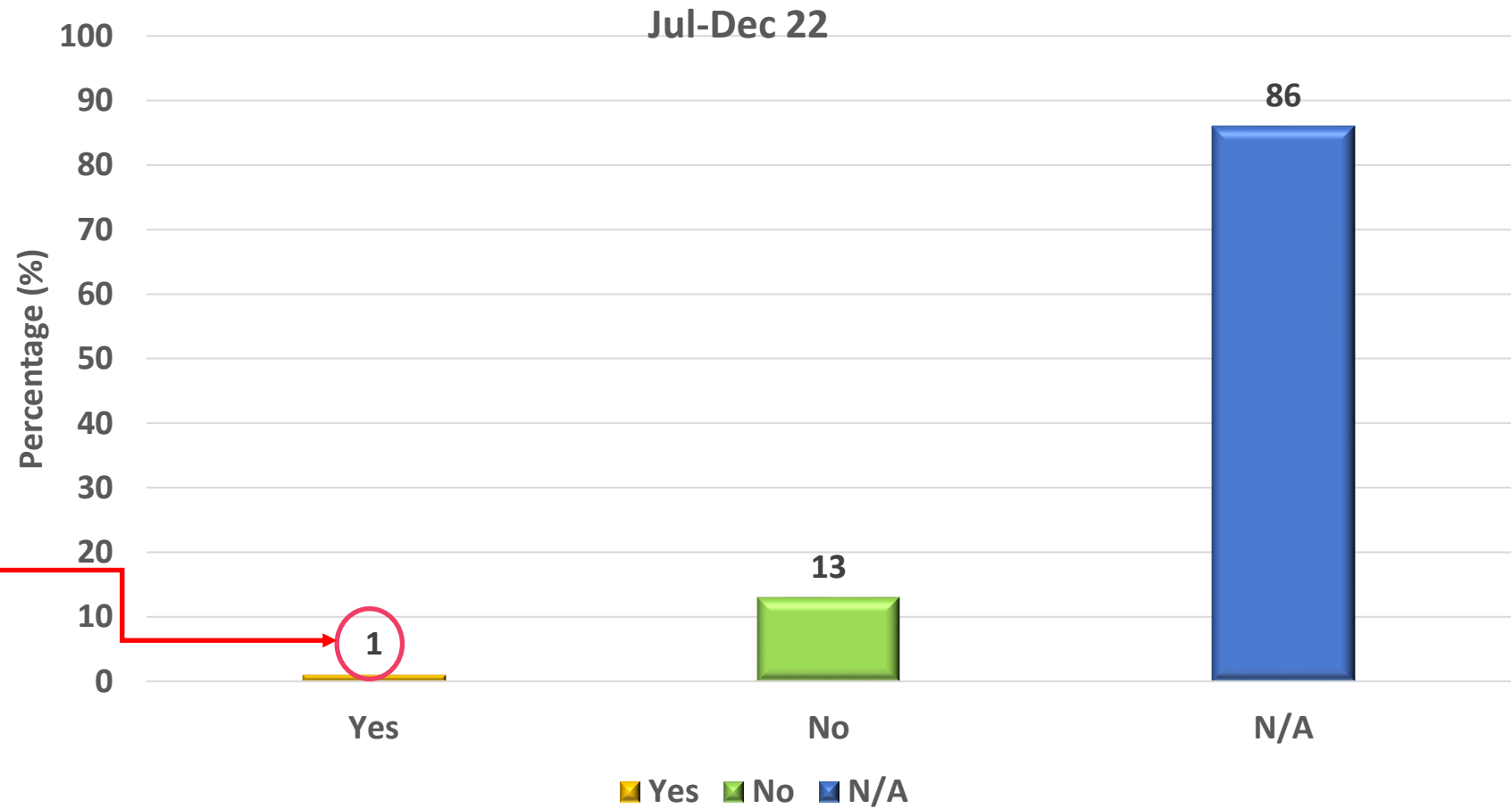
# SUBSTANCE USE DURING PREGNANCY



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Substances Used	%
Crack/Cocaine	12
Dagga	0.2
Heroin/Opiates	0.2





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## SUBSTANCES OF USE



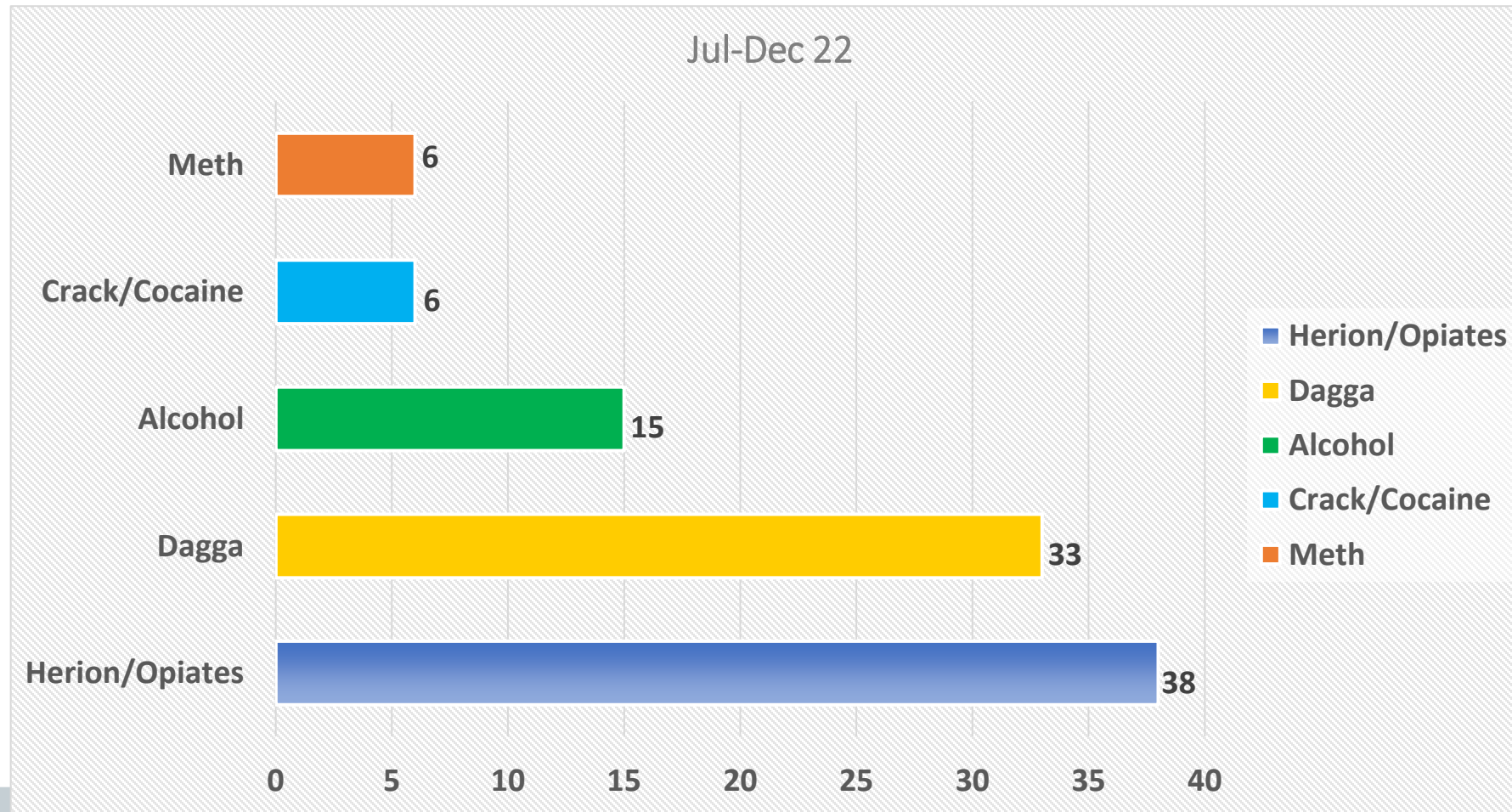
# TOP 5 PRIMARY SUBSTANCES OF USE (%)



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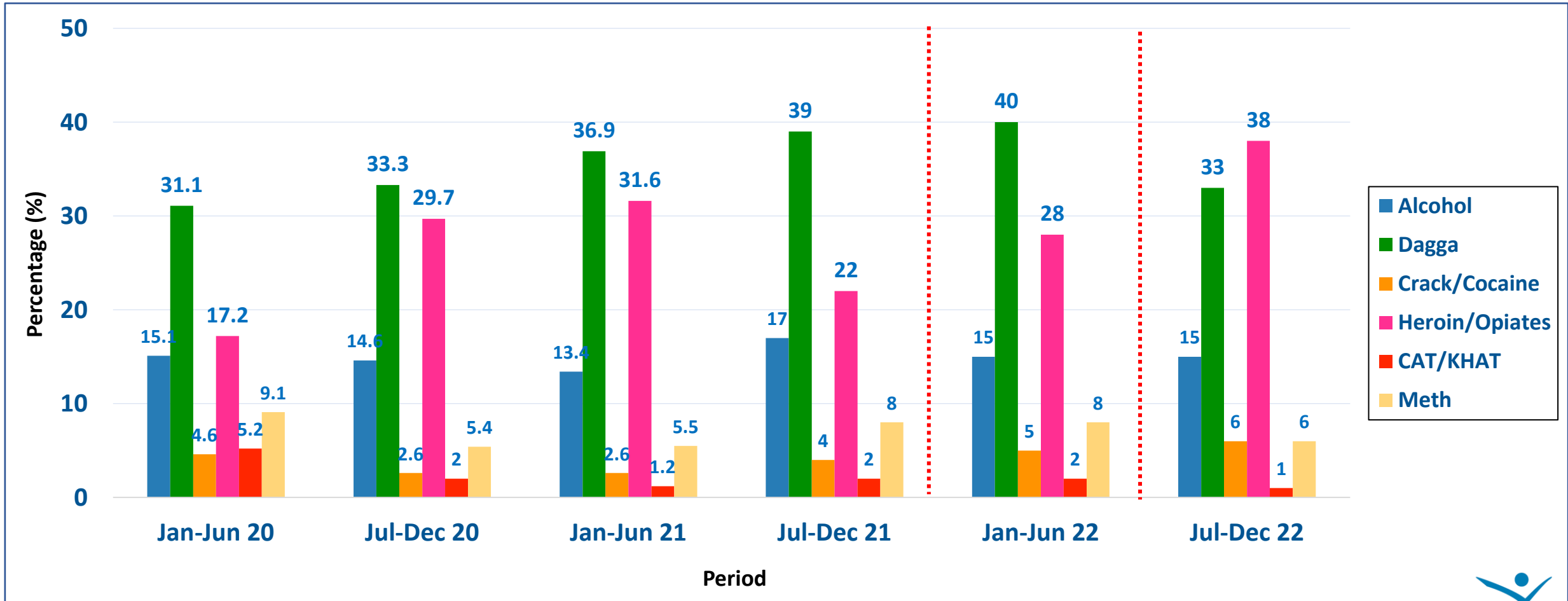
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## SELECTED PRIMARY SUBSTANCES OF USE(%)



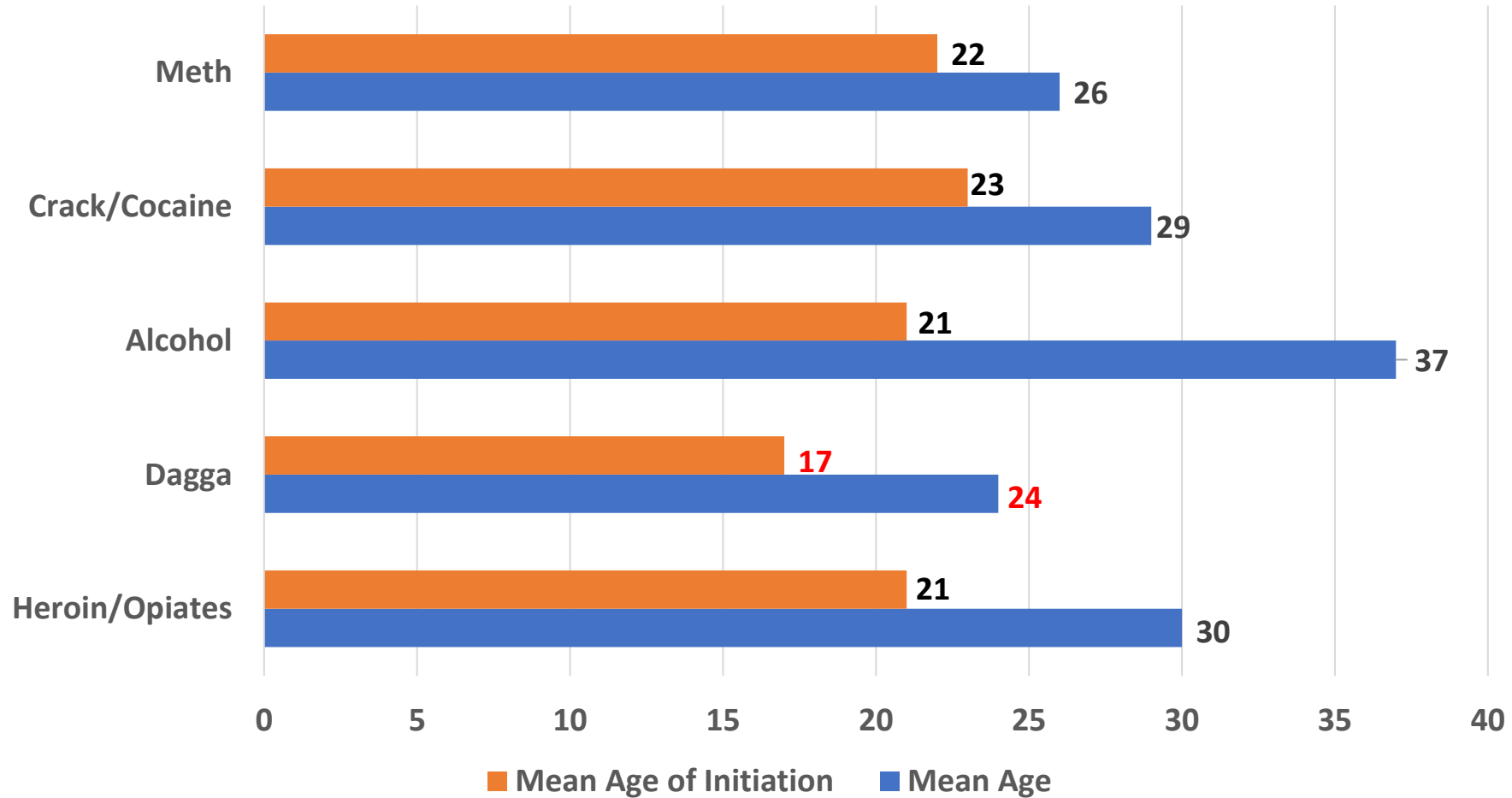
# TOP 5 PSOA BY MEAN AGE/MEAN AGE OF INITIATION



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## TOP 5 PRIMARY SUBSTANCES OF USE BY AGE COHORT (%)



	Heroin/Opiates	Dagga	Alcohol	Crack/Cocaine	Meth
<10yrs	0	0	0	0	0
10-14yrs	0	6	0	0	6
15-19yrs	4	<b>32</b>	2	8	<b>19</b>
20-24yrs	<b>18</b>	<b>22</b>	10	<b>20</b>	<b>19</b>
25-29yrs	<b>27</b>	<b>18</b>	12	<b>26</b>	<b>25</b>
30-34yrs	<b>29</b>	6	<b>21</b>	<b>23</b>	<b>17</b>
35-39yrs	15	9	<b>21</b>	16	4
40-44yrs	4	4	14	4	4
45-49yrs	2	1	5	2	6
50-54yrs	1	1	9	2	0
55-59yrs	0	1	5	0	0
60-64yrs	0.3	1	1	0	0
65+yrs	0	0	1	<u>0</u>	0



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## AGE OF INITIATION BY TOP 5 PRIMARY SUBSTANCE (%)



	Heroin/Opiates	Dagga	Alcohol	Crack/Cocaine	Meth
<10yrs	1	0	0	0	0
10-14yrs	6	27	10	2	17
15-19yrs	42	54	49	38	30
20-24yrs	29	9	18	24	28
25-29yrs	13	4	9	16	11
30-34yrs	6	3	3	14	4
35-39yrs	2	1	4	2	4
40-44yrs	1	1	4	2	2
45-49yrs	0.3	0	2	2	4
50-54yrs	0	1	1	0	0
55-59yrs	-	-	-	-	-
60-64yrs	-	-	-	-	-
65+yrs	-	-	-	-	-

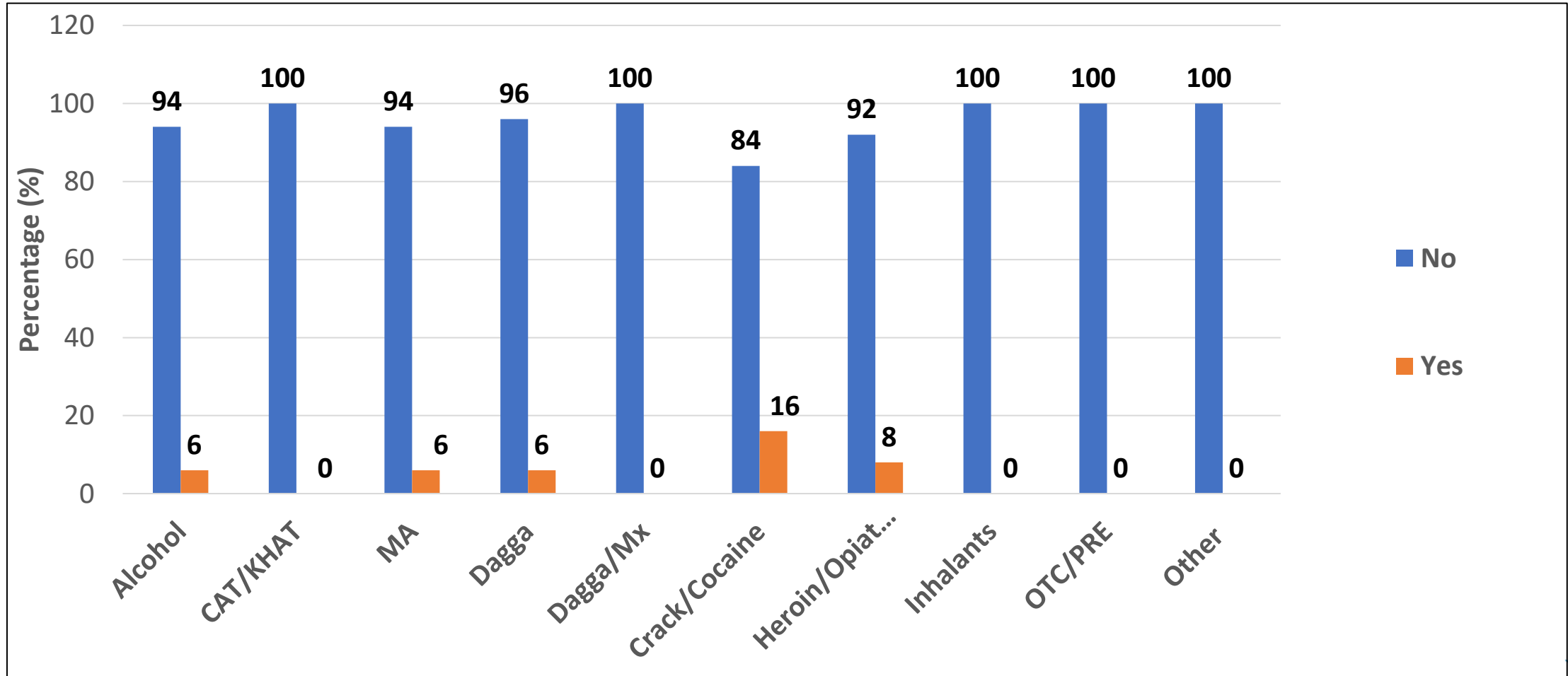
# READMISSION BY SELECTED PRIMARY SUBSTANCE OF USE



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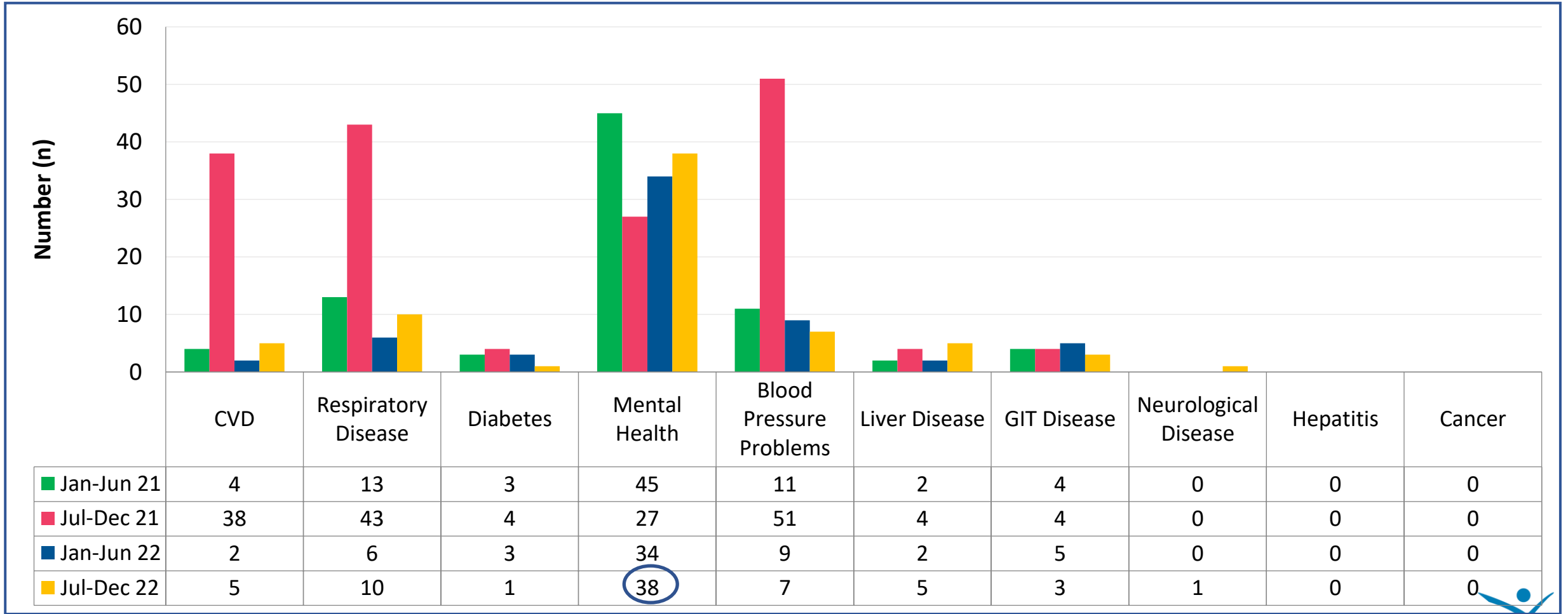
# Number of NCDs (n = 69/861, 8%)



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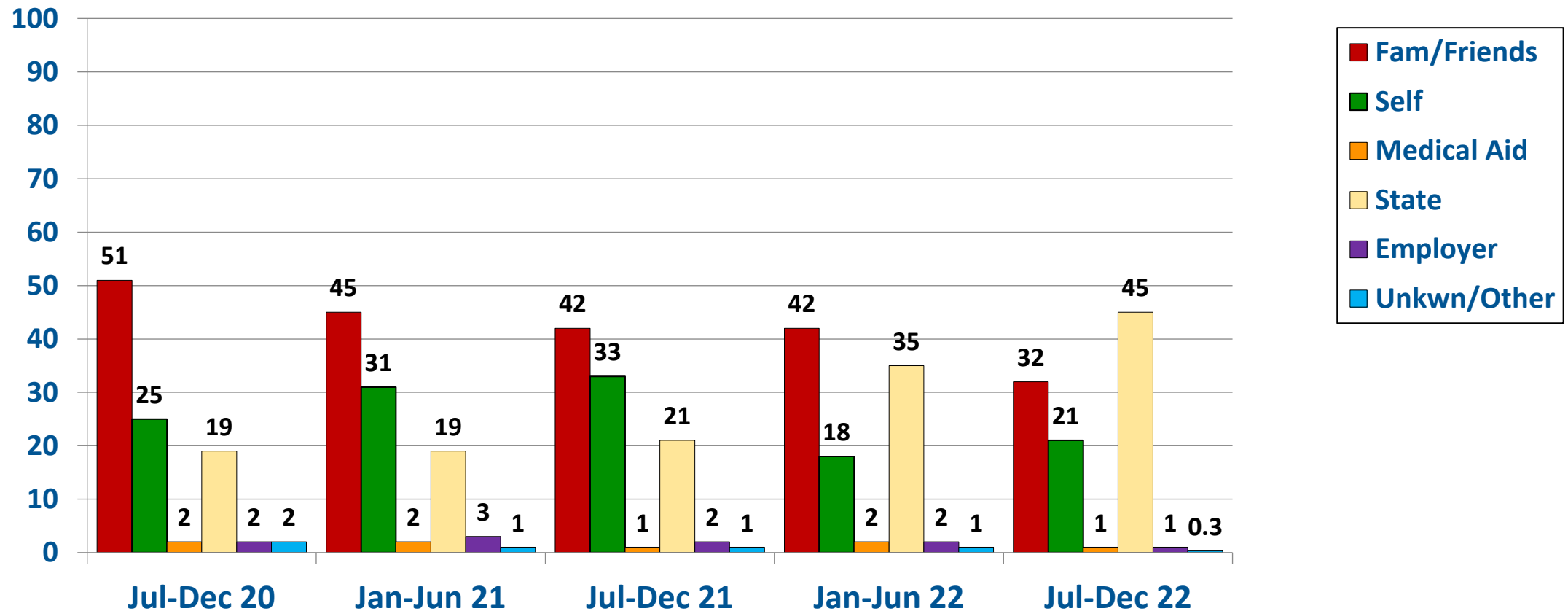
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## SOURCES OF PAYMENT (%)





## Profile of Individuals who use Codeine (n=19/861, 2%)

## Percent (%)

Majority were male

79

Majority were aged between 20-39 years  
20-24yrs (28%); 25-29yrs (17%); 30-34yrs (17%); 35-39yrs (17%)  
(tablets, followed by cough mixture)

79

Most individuals used tablets

26

Over half were unemployed

53

## Type of Codeine-containing medication misused

Painamol }  
Stilpain } Tablets

26

Benylin with codeine – Cough mixture

11

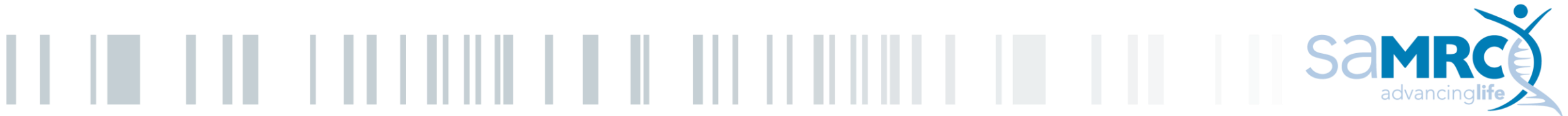


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## PATIENTS $\leq 18$ YEARS



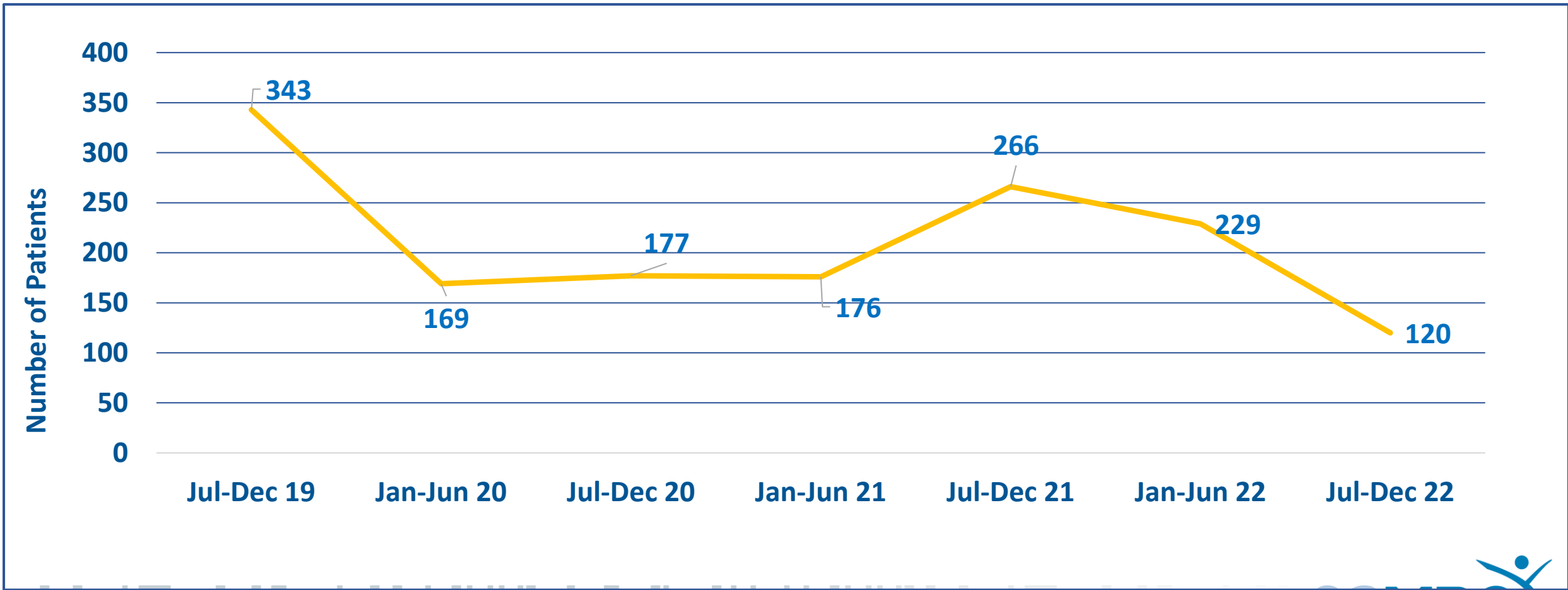
# NUMBER OF PATIENTS IN TREATMENT



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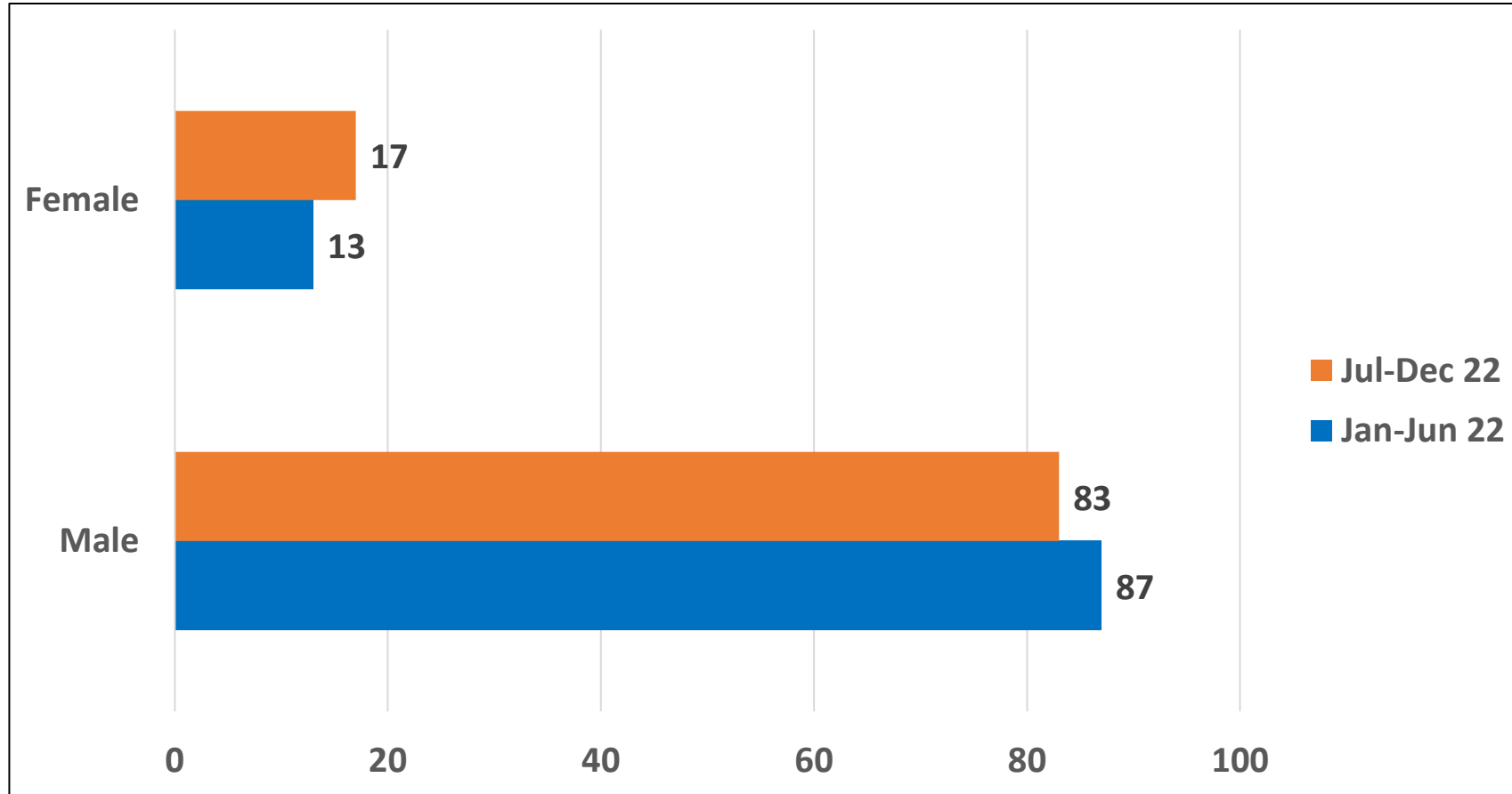
# GENDER (%)



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# TOP 5 PRIMARY SUBSTANCES OF USE

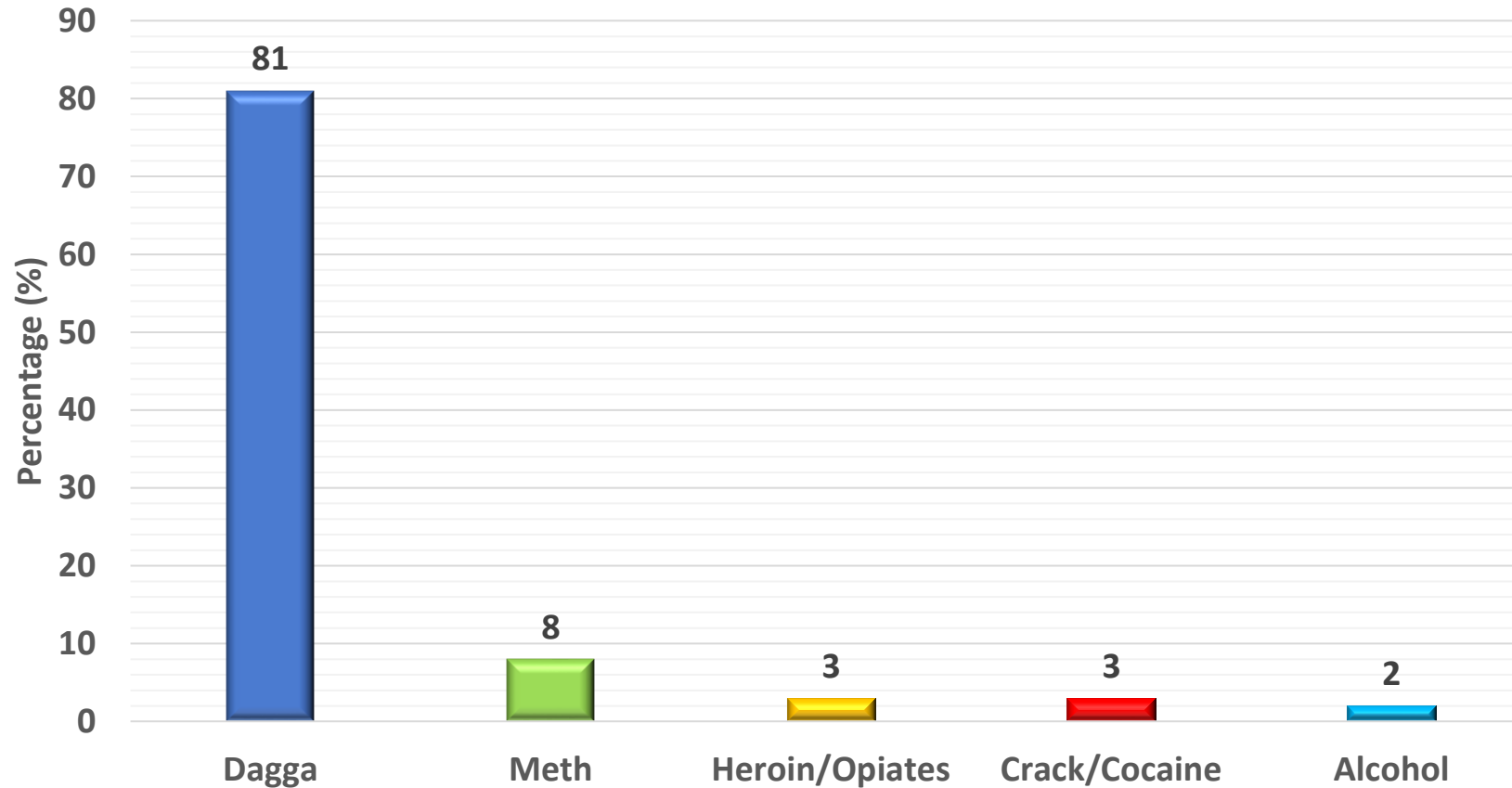


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# SELECTED SECONDARY SUBSTANCES OF USE

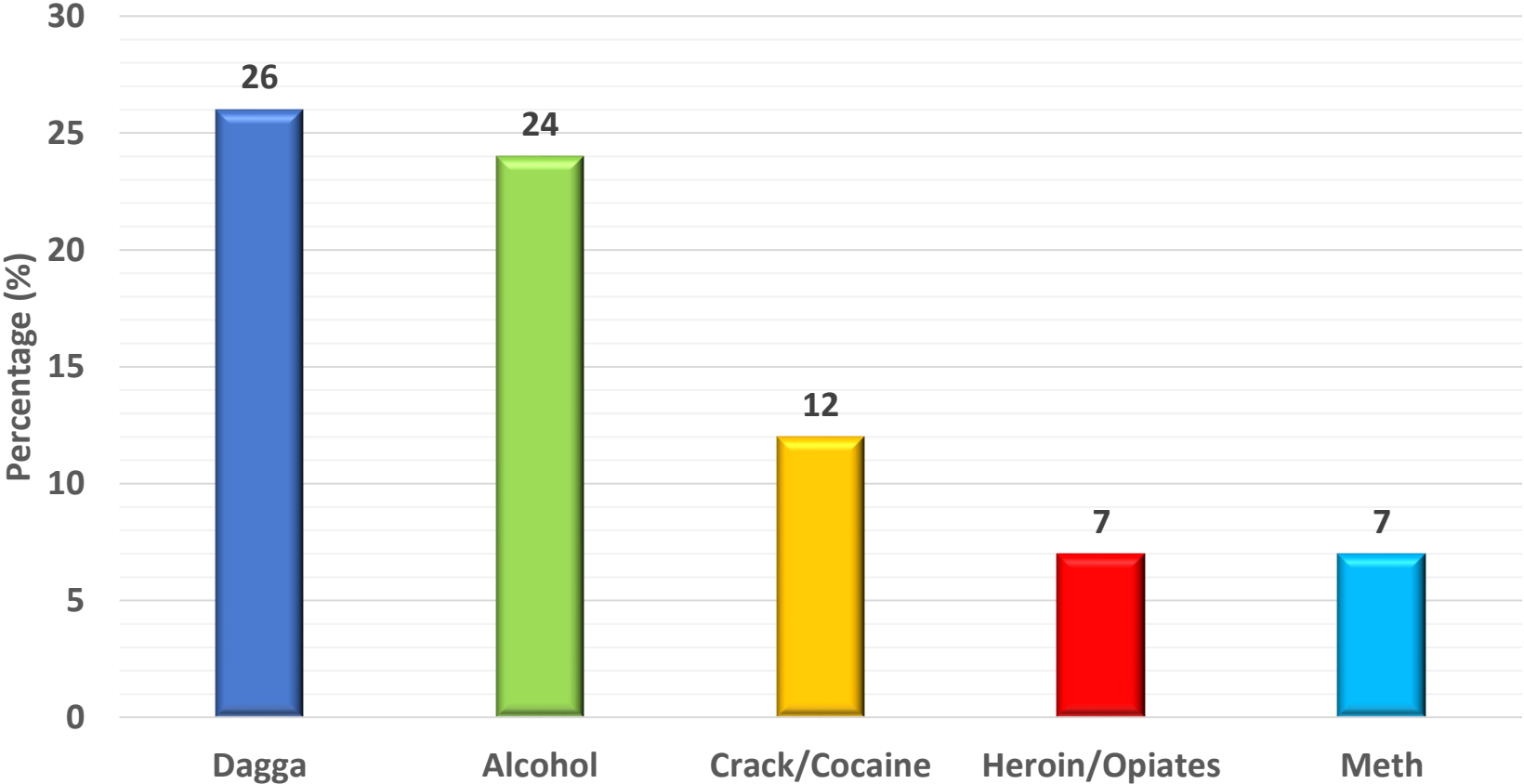


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# SUMMARY



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Treatment Demand Data • Service Quality Measures (SQM)  
• Community-Based Harm Reduction Services

- **Decrease in the number of admissions to treatment centres.**
- **Majority were admitted on an out-patient basis and were first-time admissions.**
- **Most were unemployed with a high school-level education; of those who were unemployed, 52% had not been in employment for >6 months.**
- **Highest admission rates found among 15-19 year and 25-29 year old individuals (22% respectively ); 8% point drop seen for 15-19 year olds.**
- **Majority lived in a permanent abode (63%) with parents/relatives (53%).**
- **Most had been tested for HIV prior (64%), however, 15-19 year old individuals reported highest proportions for not having been tested.**
- **Majority of admissions were by self-referral route (30%), followed by family/friends (22%), and social services (22%).**
- **Heroin was the leading primary substance of use (38%), followed by cannabis (33%) – a decrease of 7% points noted for cannabis from previous to current period.**
- **Cannabis was associated with younger age at admission, 15-19 years (32%) as well as younger age of initiation, 10-14 years (27%), 15-19 years (54%) compared to other substances.**
- **Among youths aged 18 years and younger, cannabis was the most common primary (81%) and secondary substance of use (26%).**







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**Thank you  
Baie dankie  
Enkosi  
Ngiyabonga**

**For more information, contact us:**



<https://www.samrc.ac.za/intramural-research-units/ATOD-sacendu>



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