



SACENDU

SOUTH AFRICAN COMMUNITY EPIDEMIOLOGY NETWORK ON DRUG USE

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

GAUTENG SYMPOSIUM

Ms Nancy Hornsby (presenter)

Phase 53b | July – December 2022

18 April 2023, SAMRC Pretoria





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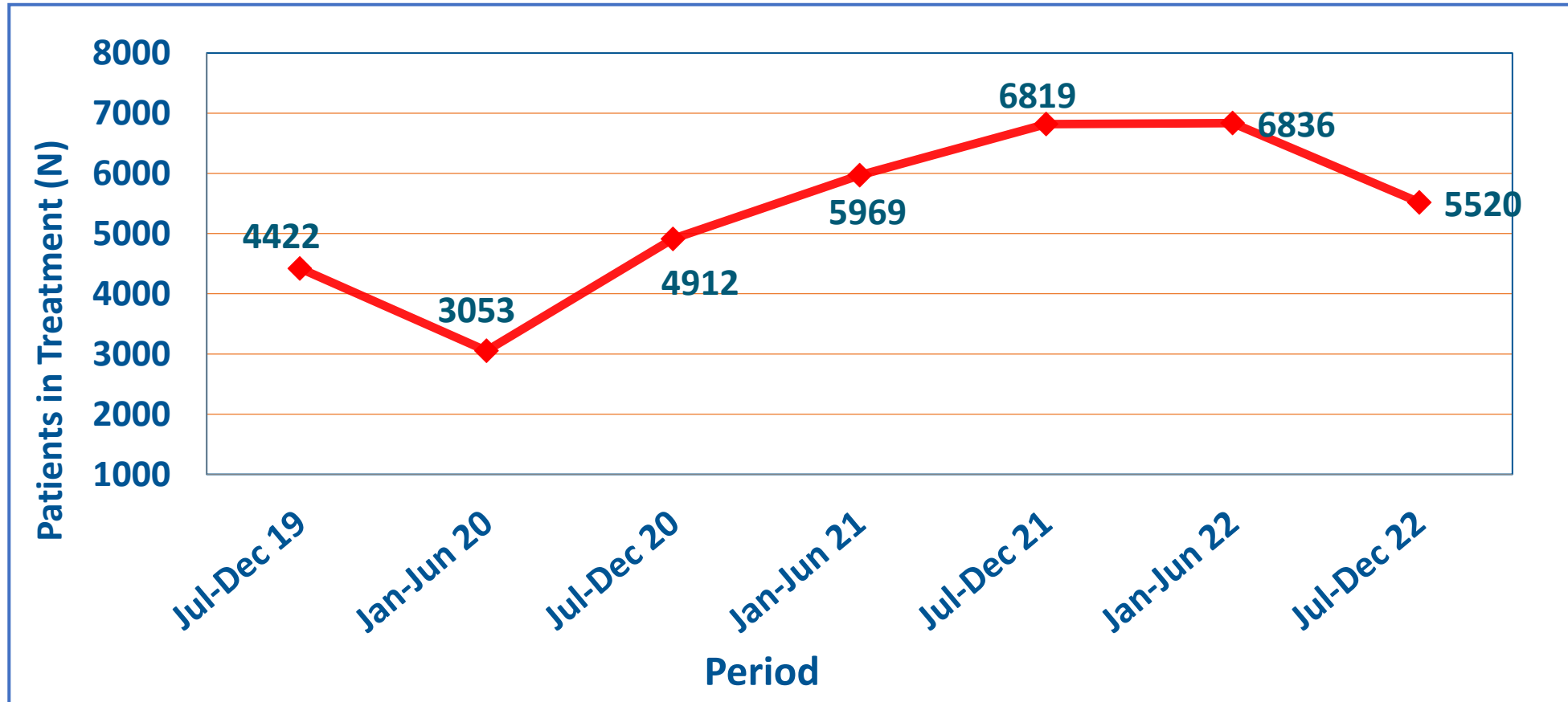
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GAUTENG TREATMENT DEMAND DATA



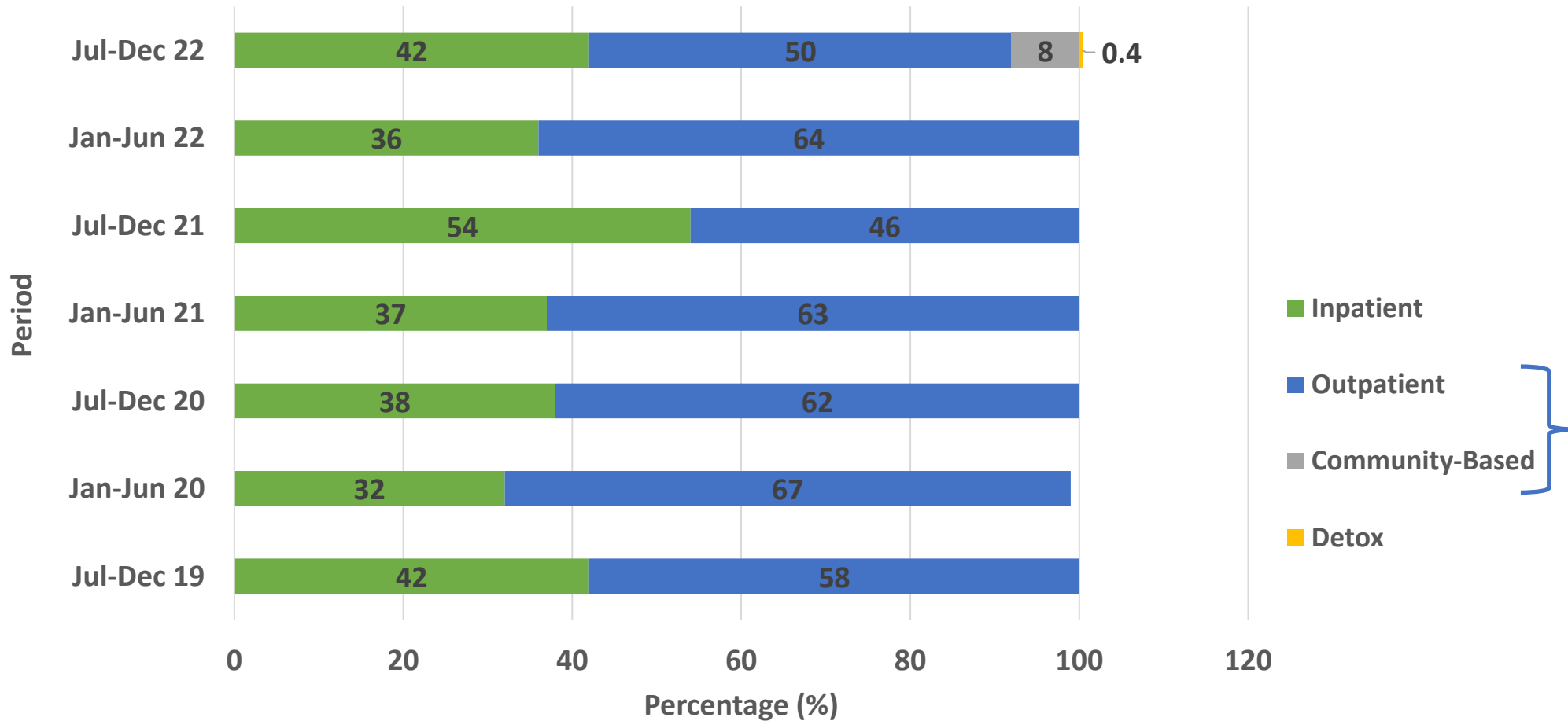


Number of patients in treatment (N)



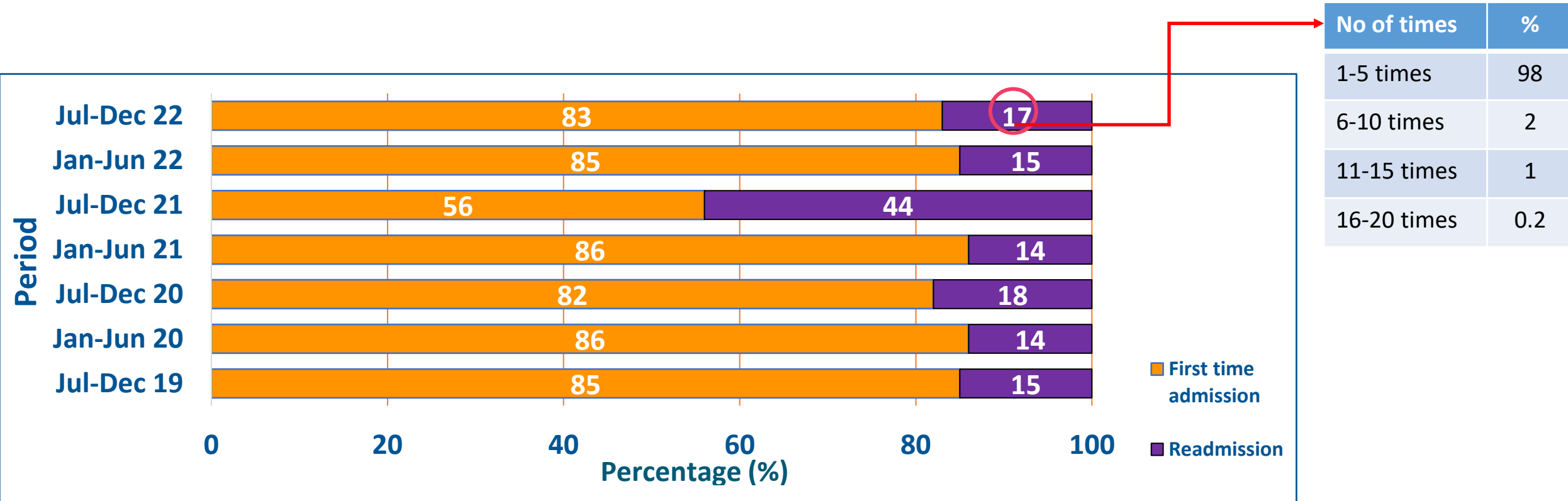


TYPE OF TREATMENT RECEIVED





FIRST TIME ADMISSIONS vs READMISSIONS (%)



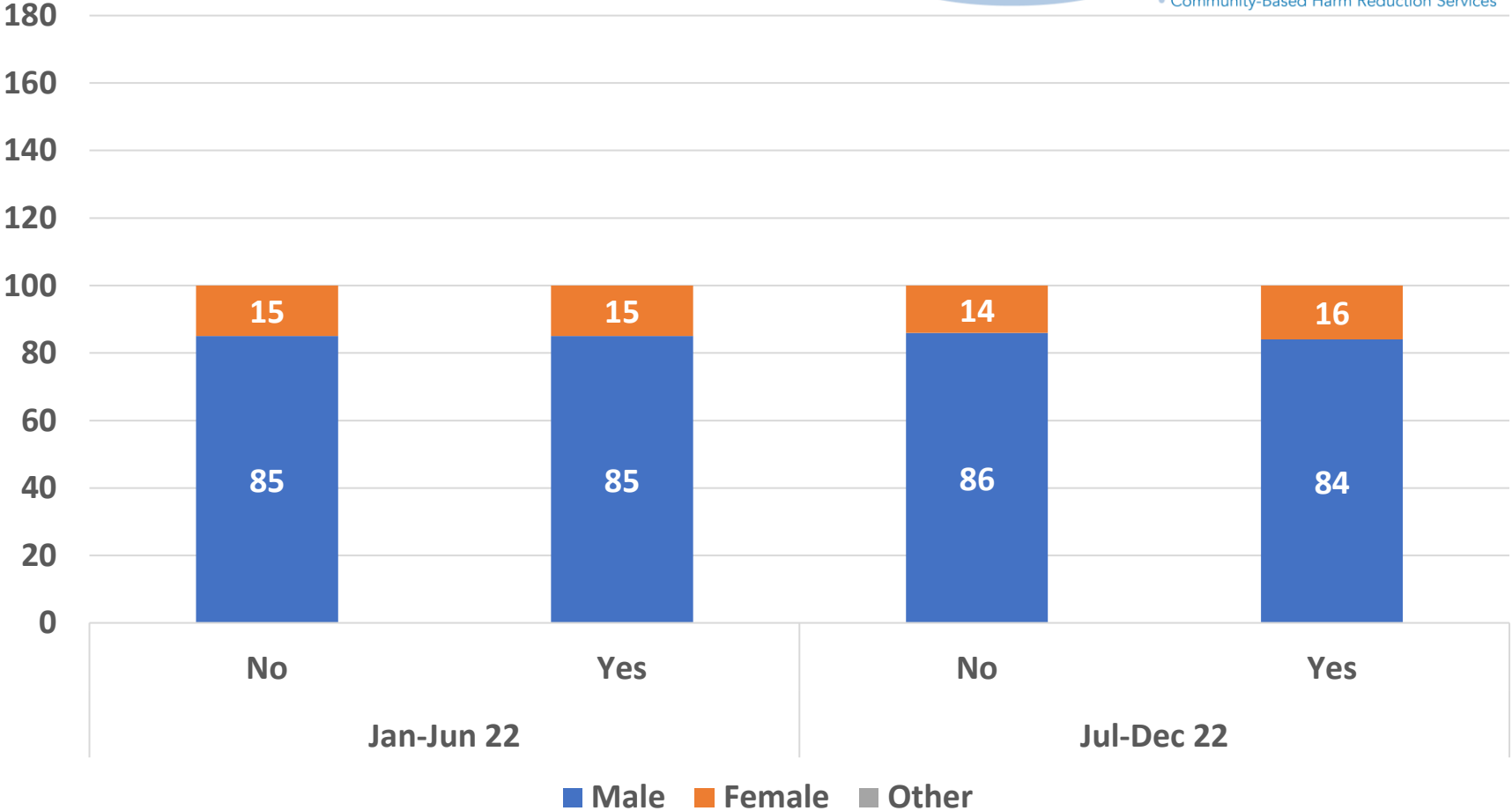
READMISSIONS BY GENDER



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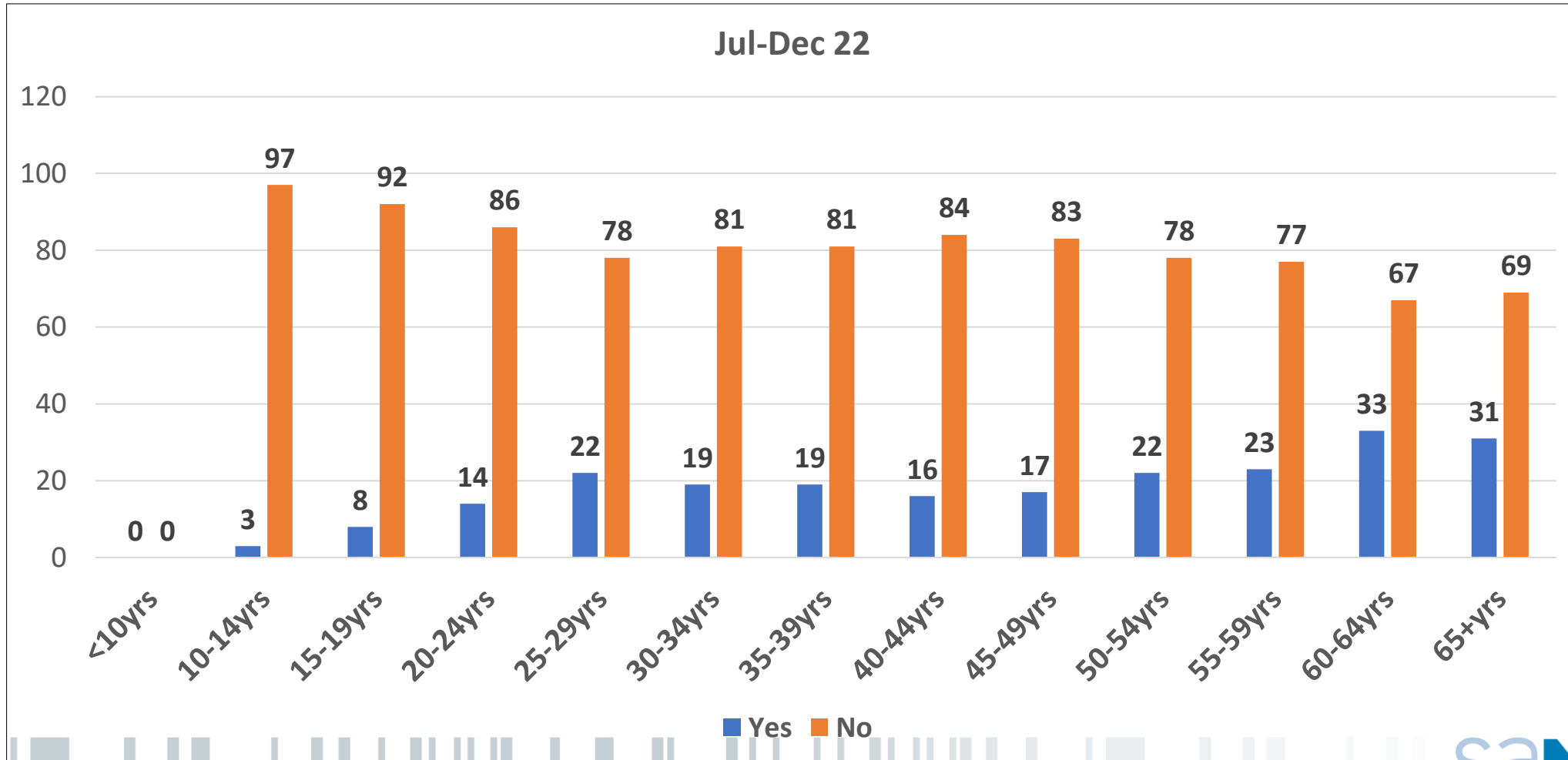
READMISSION BY AGE



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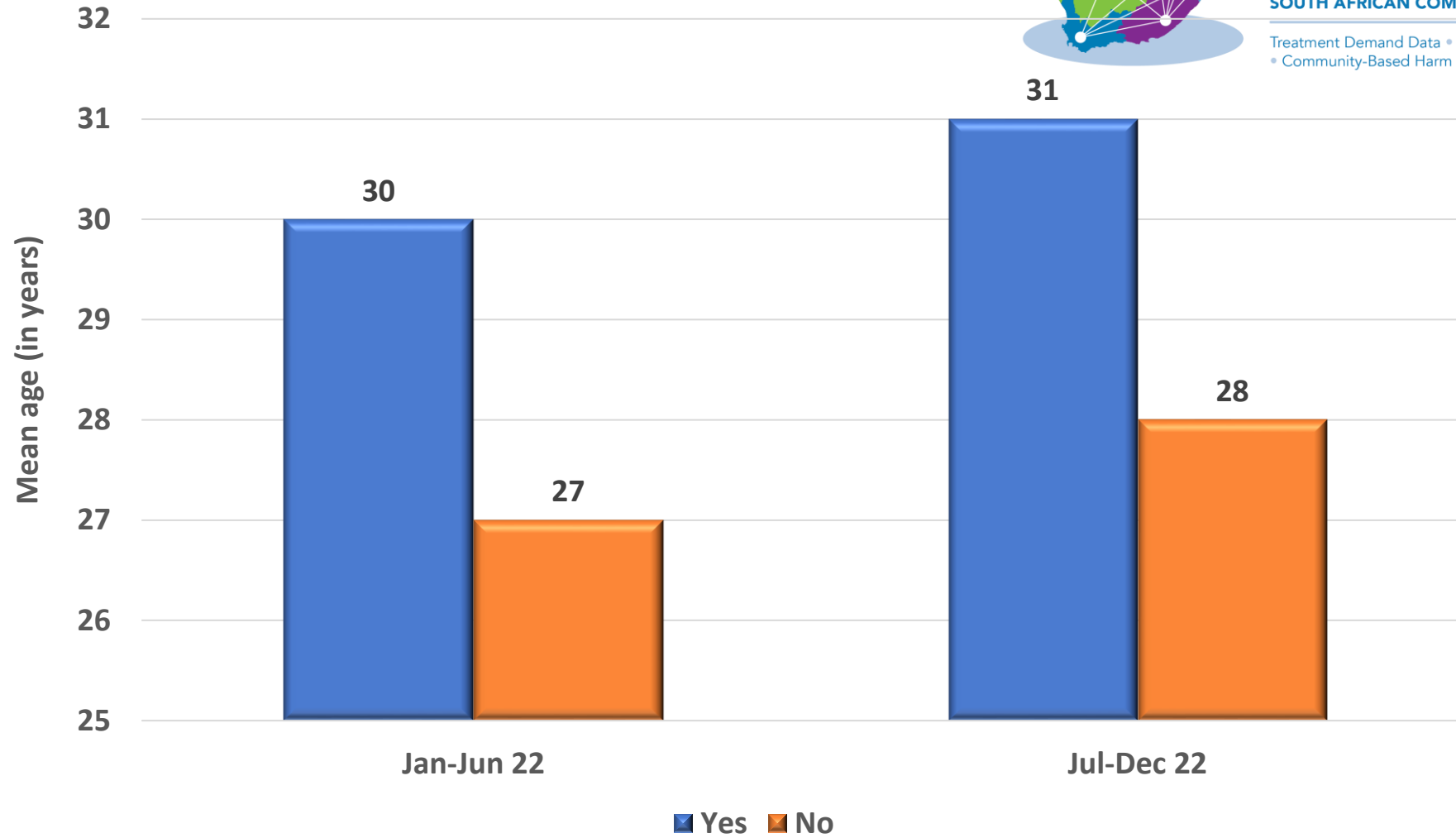
READMISSION BY MEAN AGE (OVER TIME)



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POPULATION PROFILE



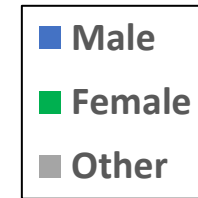
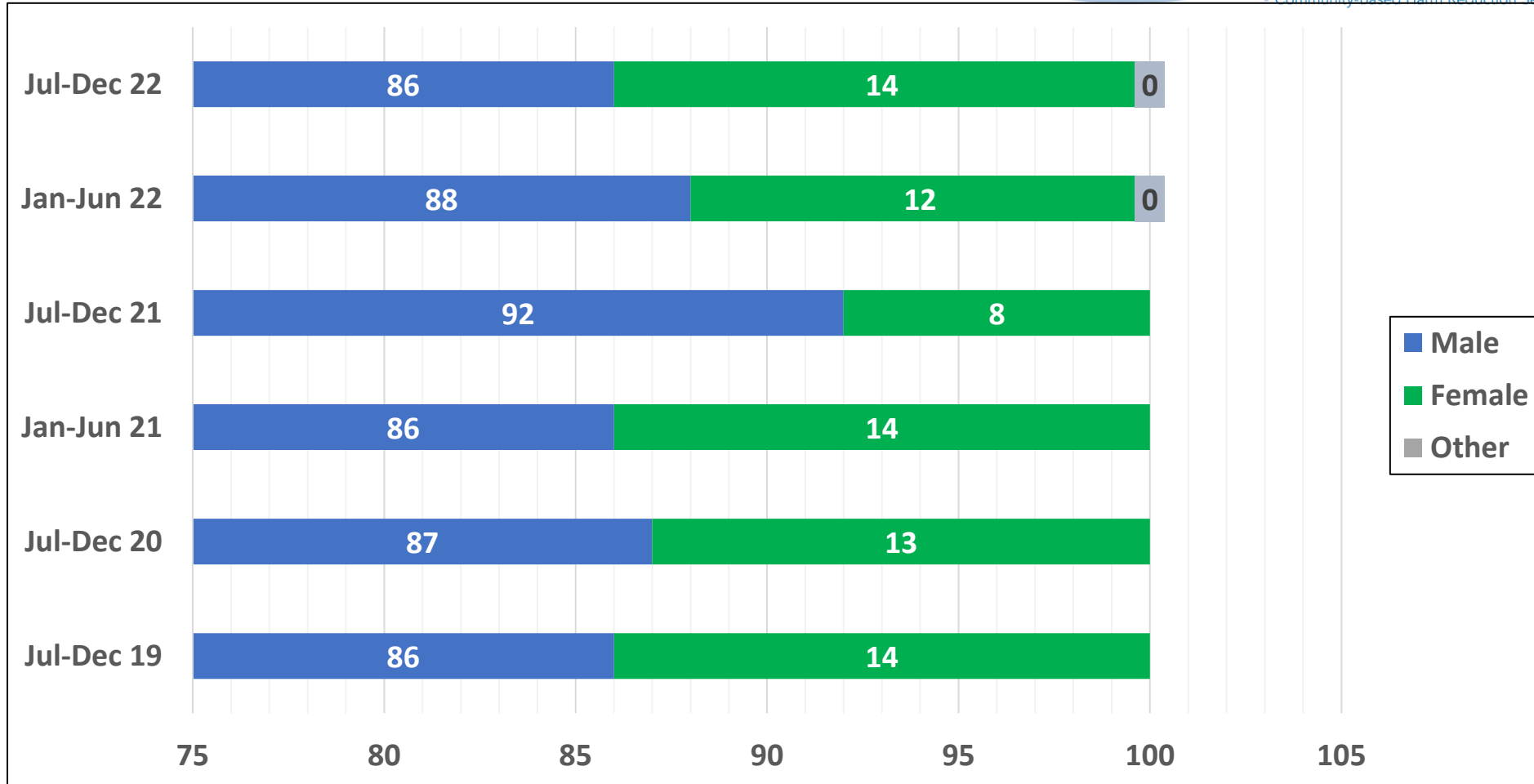
GENDER (%)



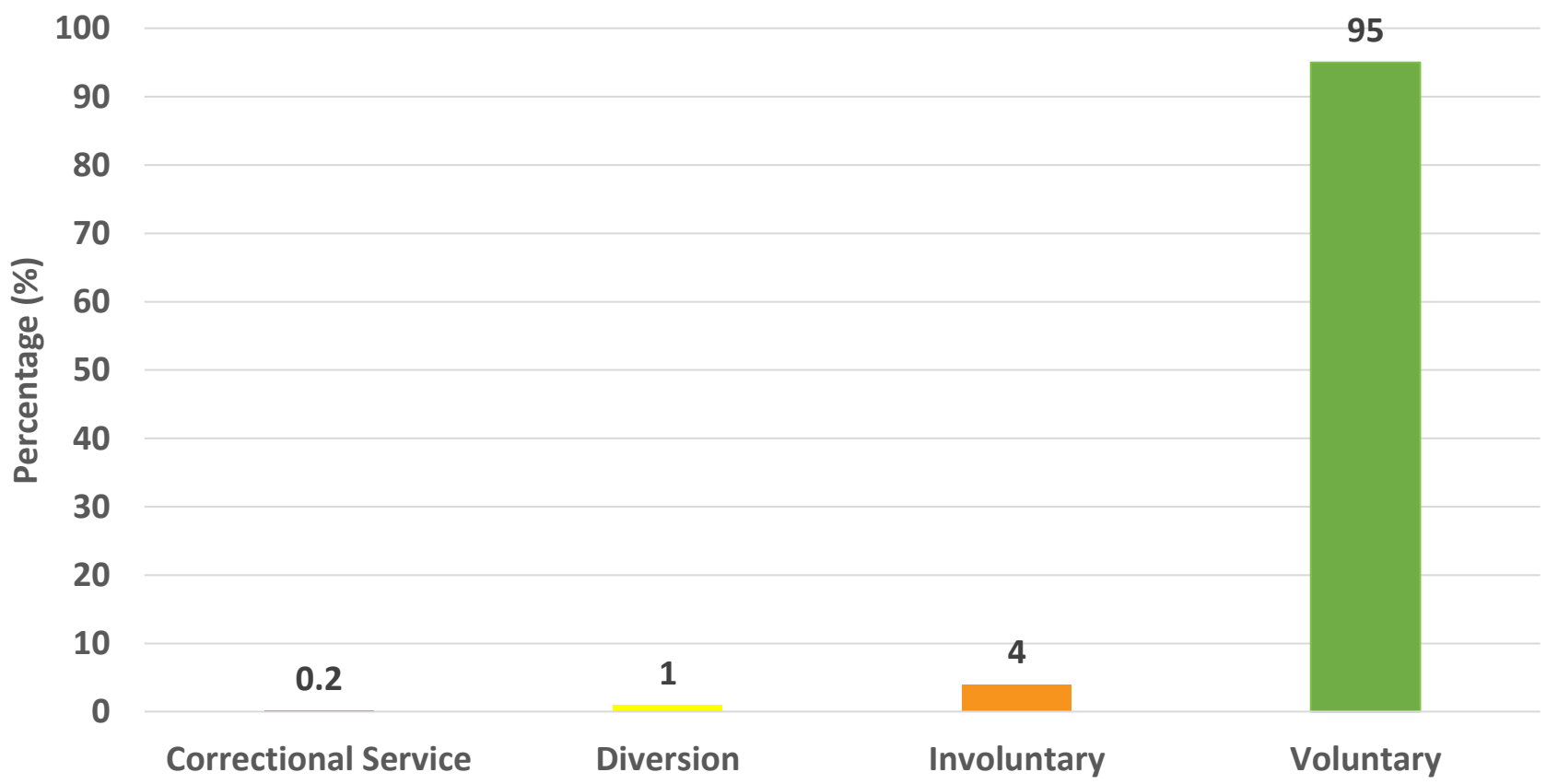
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TYPE OF ADMISSION



■ Correctional Service ■ Diversion ■ Involuntary ■ Voluntary



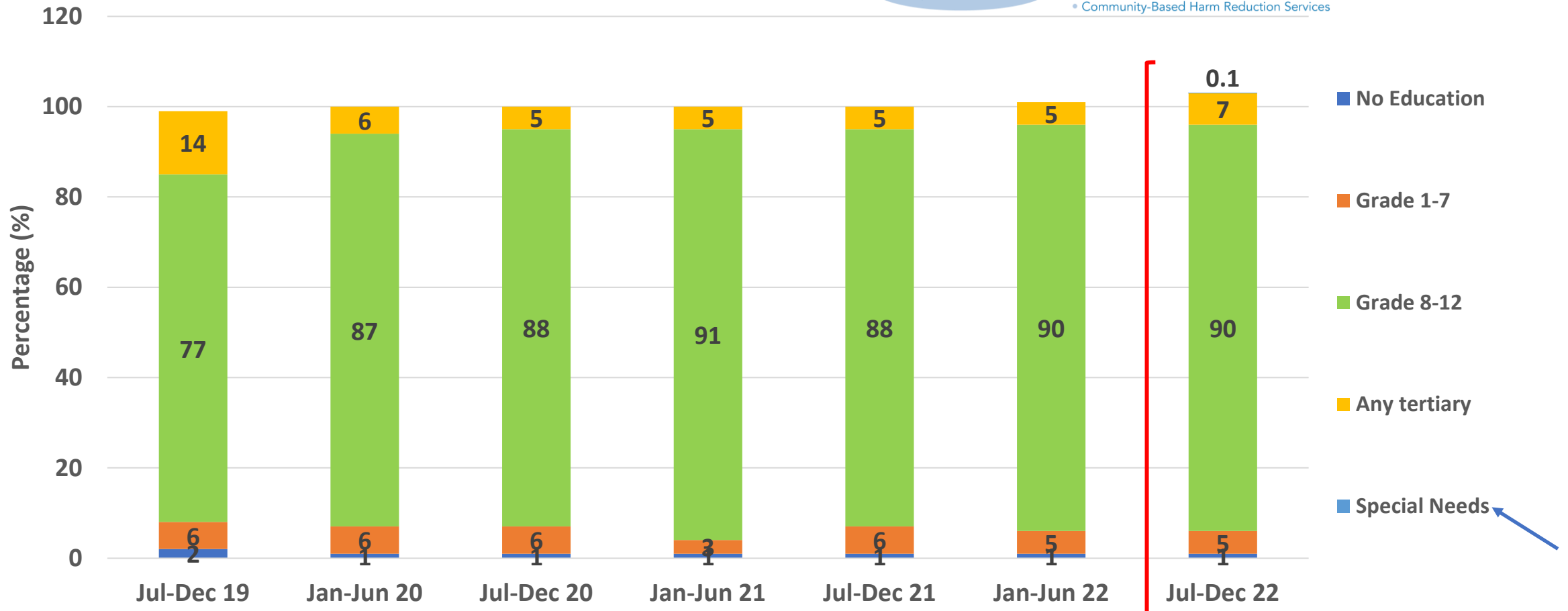
HIGHEST LEVEL OF EDUCATION



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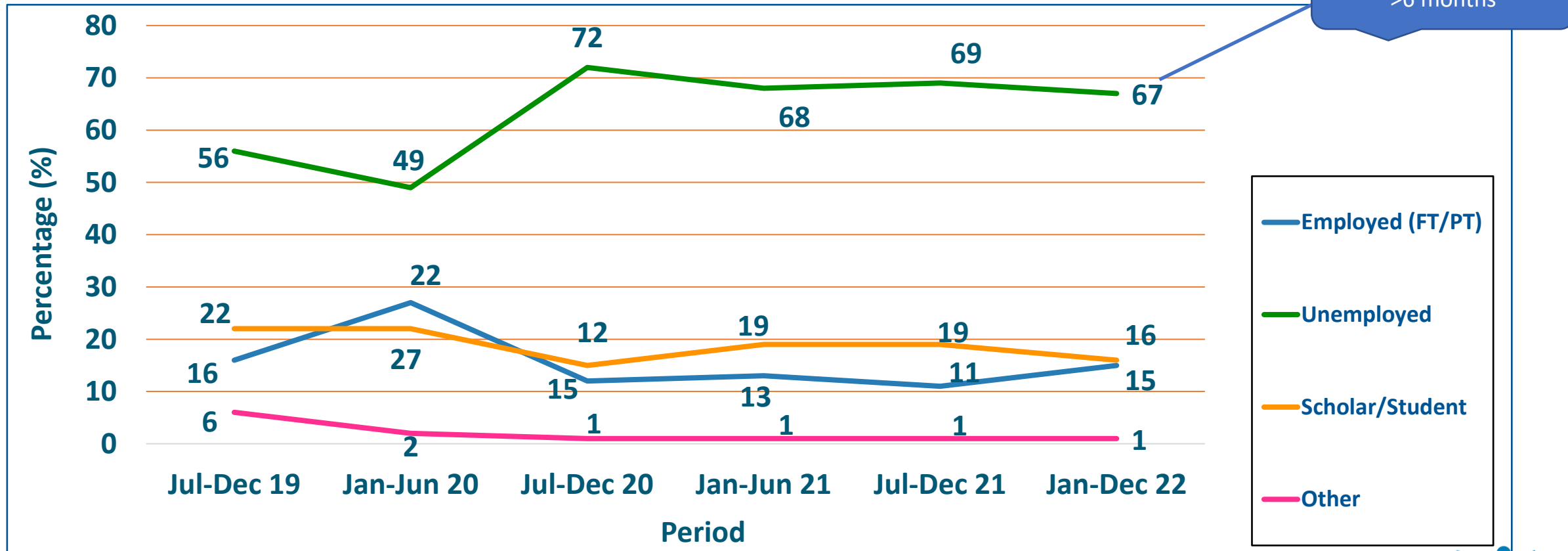
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EMPLOYMENT STATUS (%)



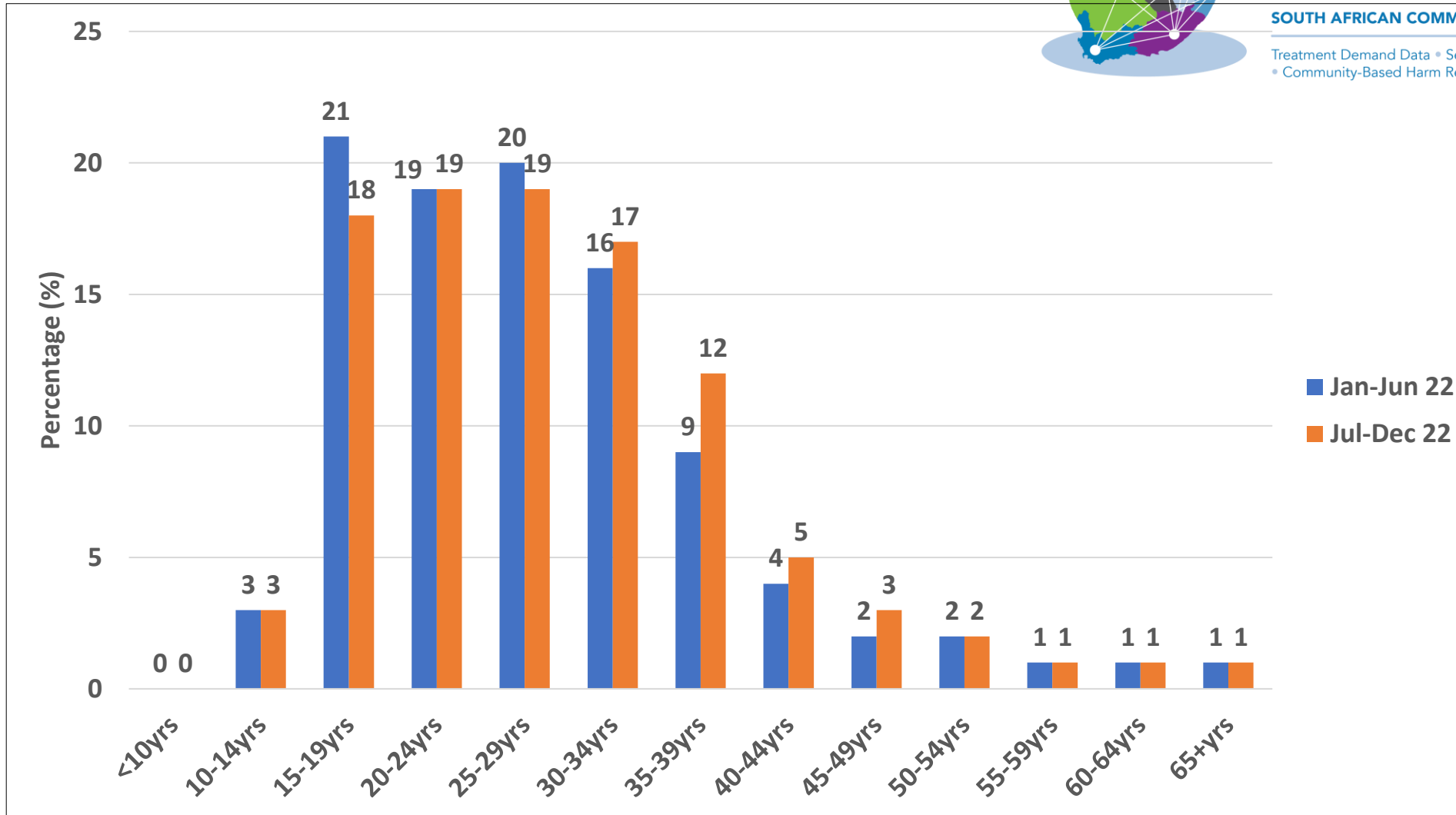
AGE COHORTS (%)



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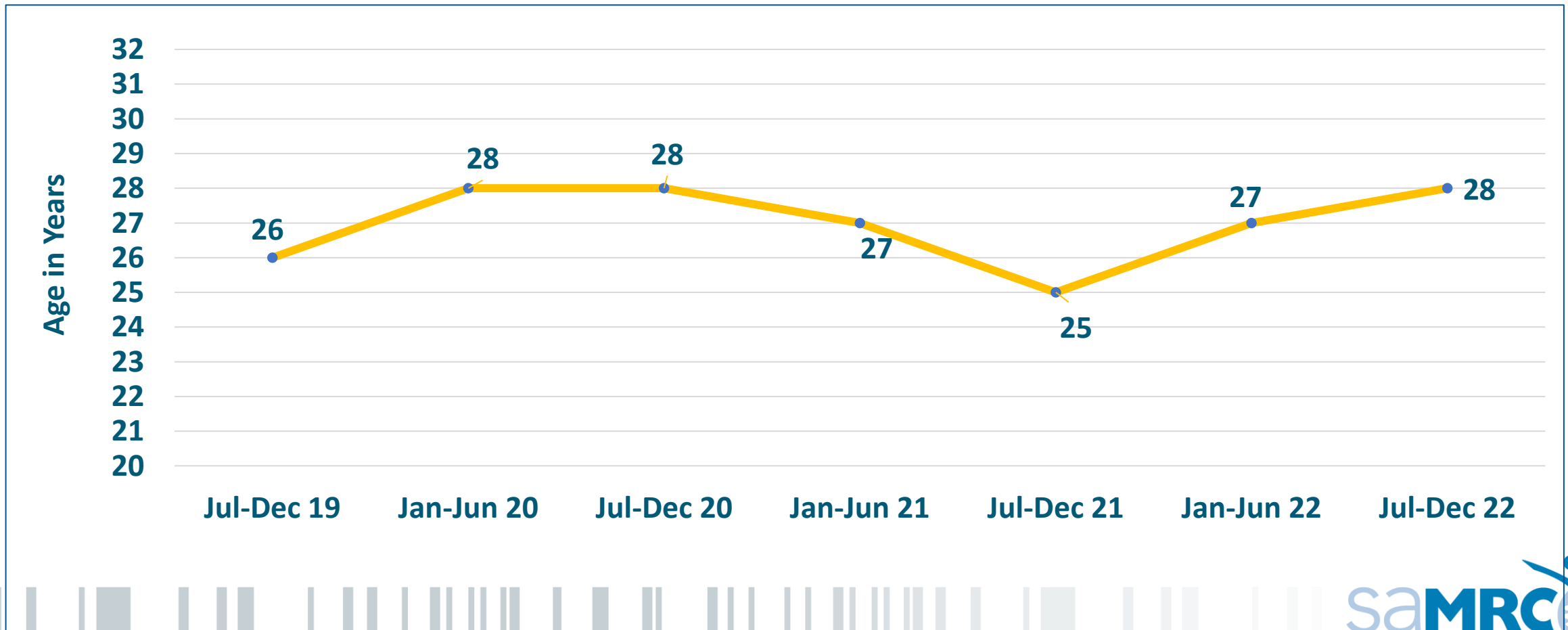
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MEAN AGE



WHERE CLIENT RESIDES

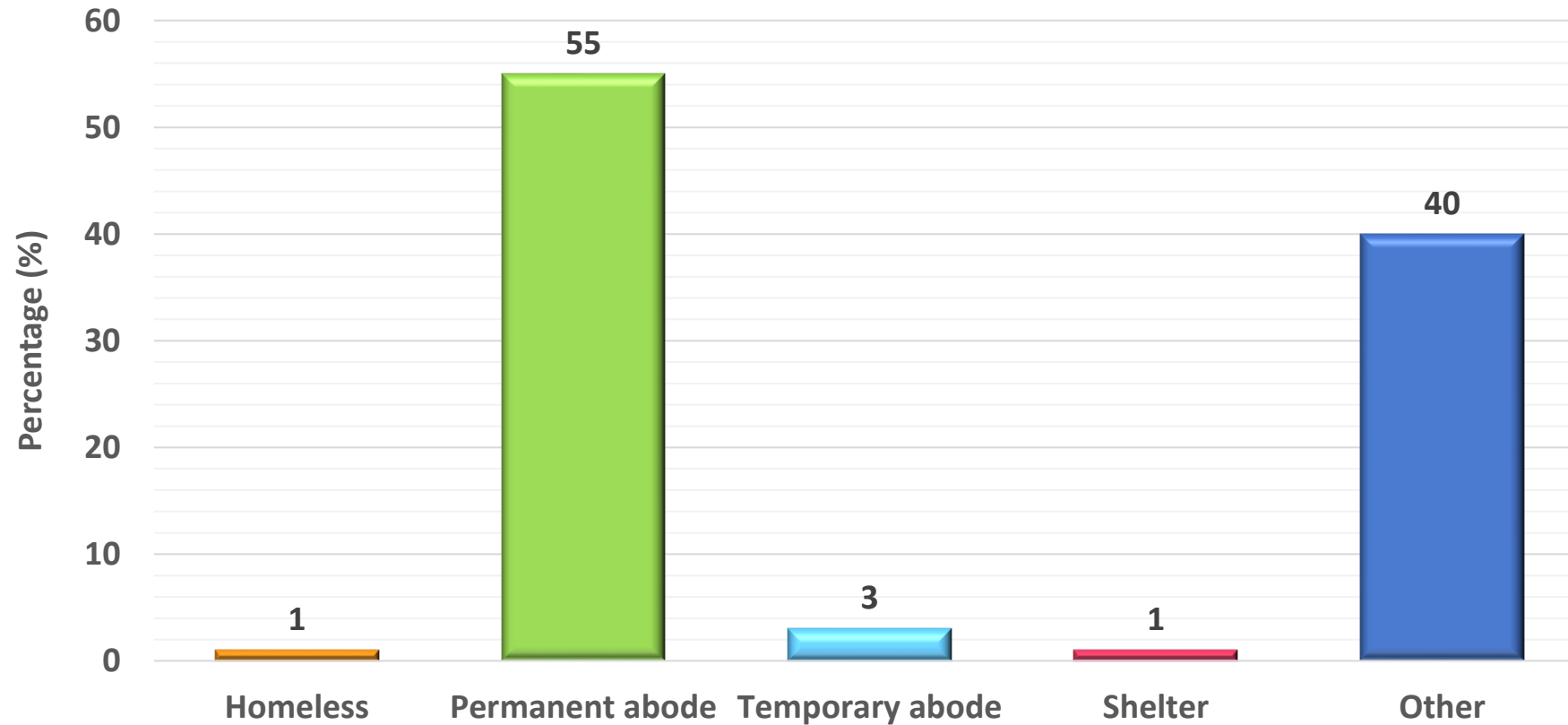


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Jul-Dec 22



WHO CLIENT RESIDES WITH

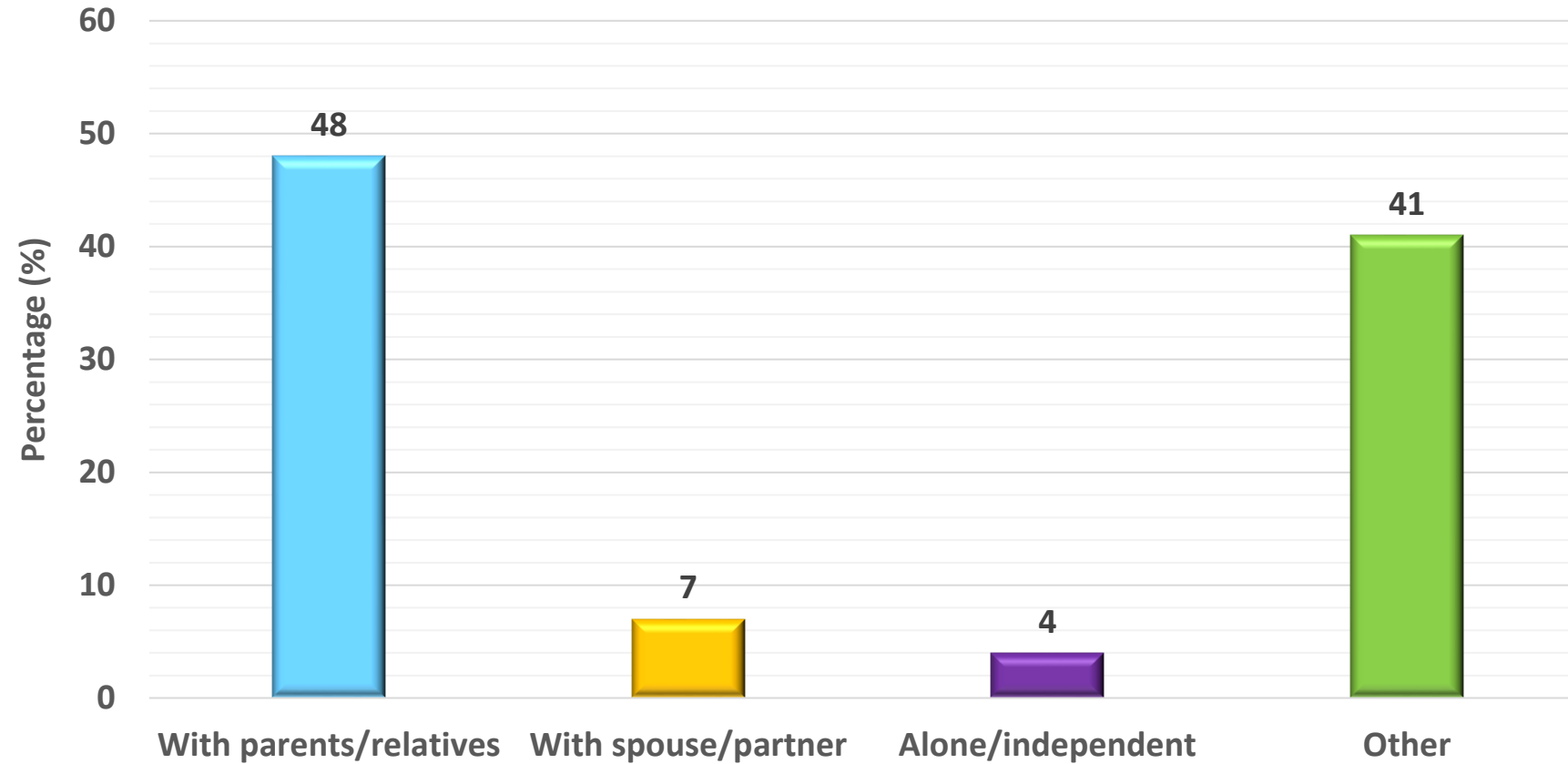


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REFERRAL SOURCE

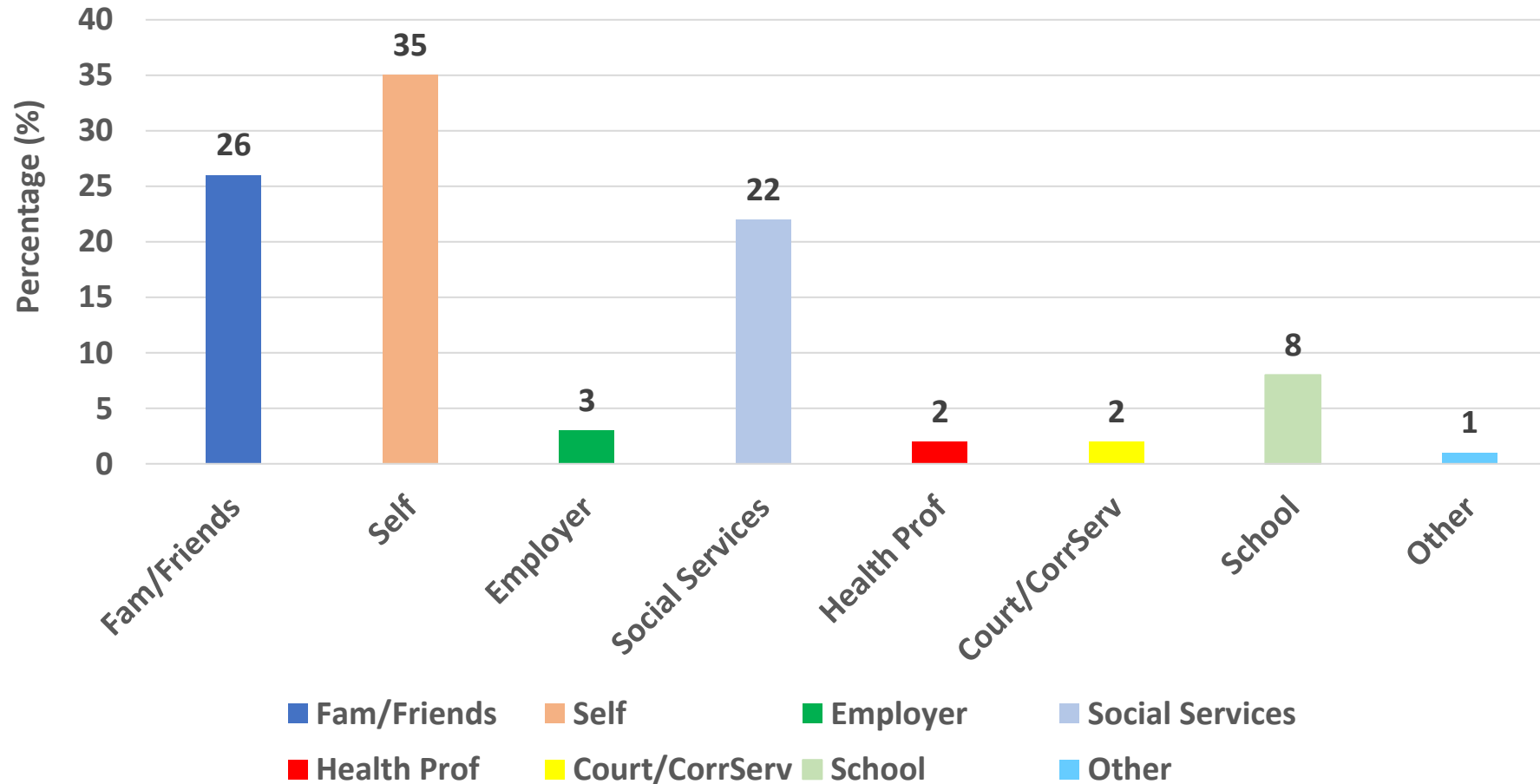


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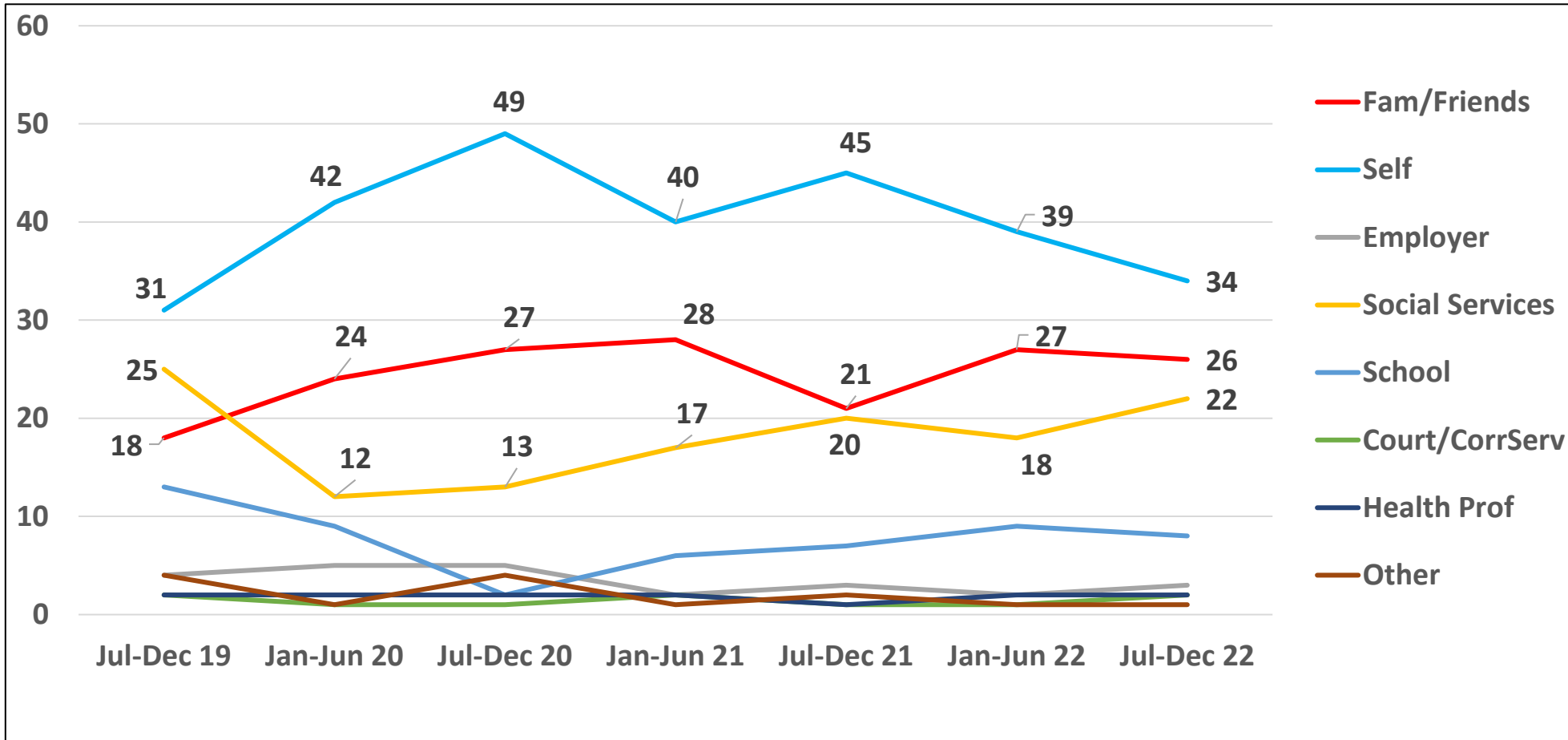
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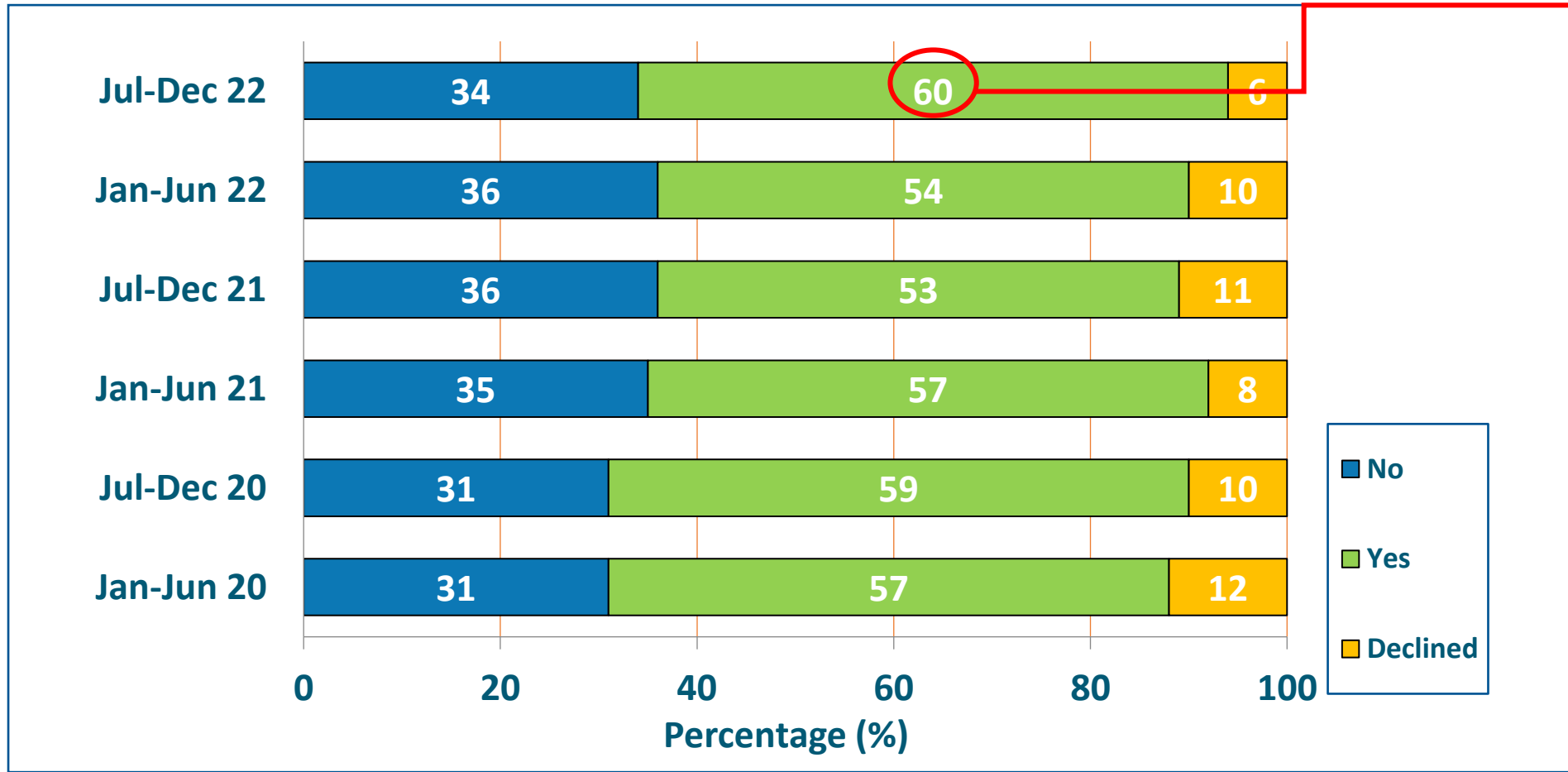




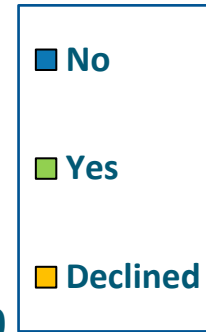
REFERRAL SOURCE OVER TIME (%)



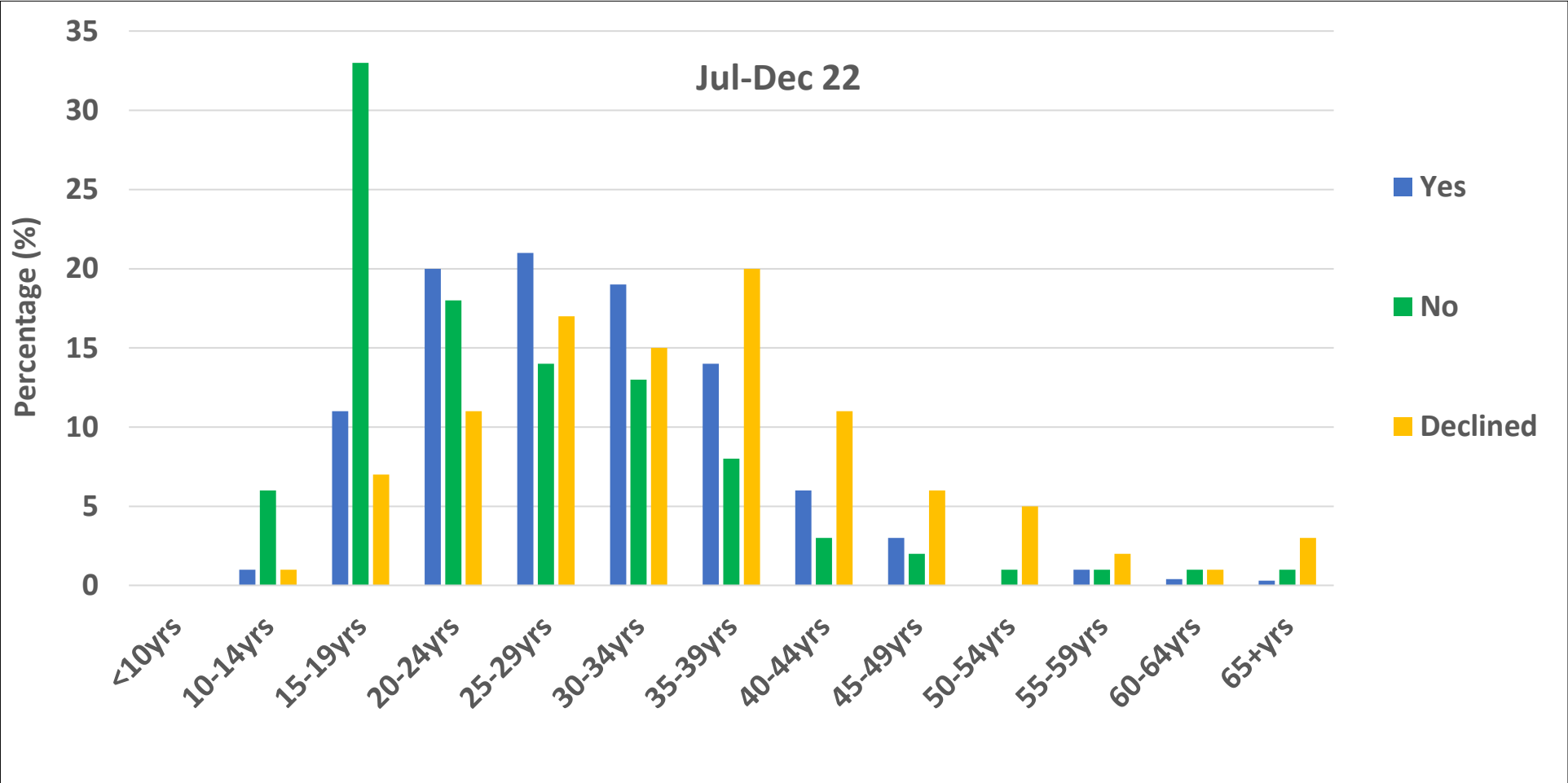
HIV TESTED OVER PTM (%)



Yes, in past 12 mths	18%
Yes, not in past 12 mths	42%



HIV TESTED BY AGE COHORT



SUBSTANCE USE DURING PREGNANCY



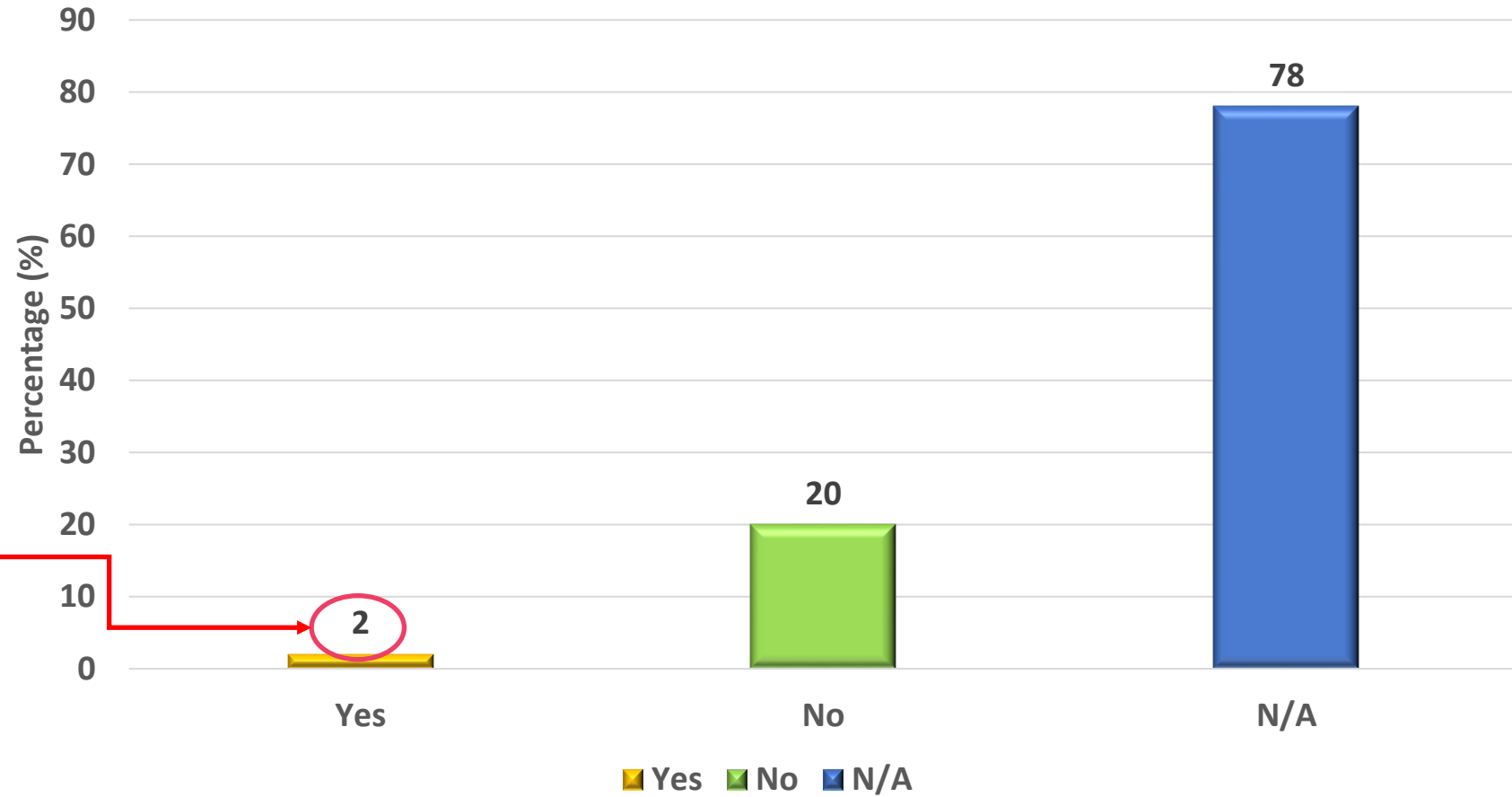
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Substances Used	%
Meth	21
Alcohol	16
Dagga	12
CAT/KHAT	12





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SUBSTANCES OF USE



TOP 5 PRIMARY SUBSTANCES OF USE

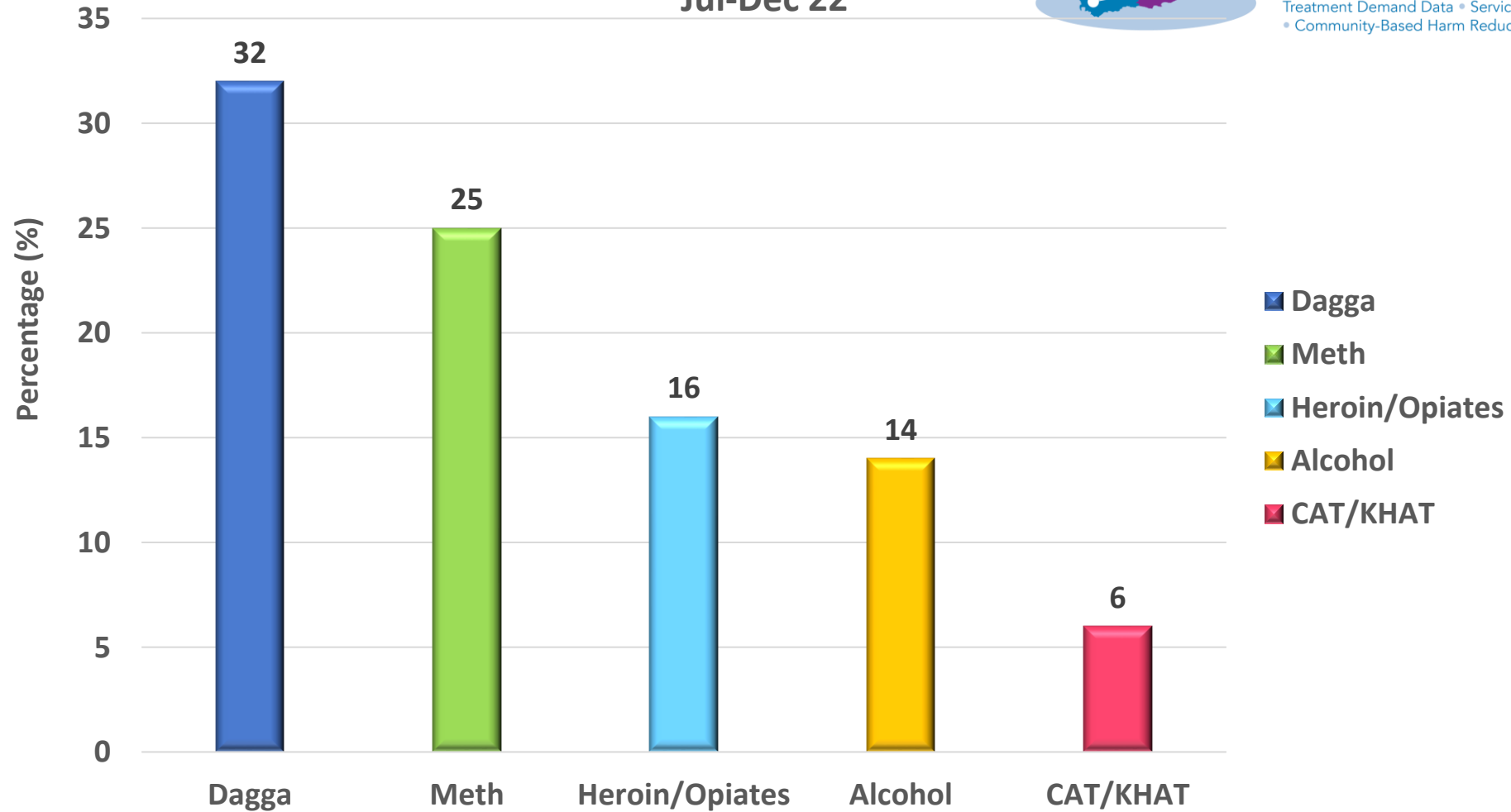


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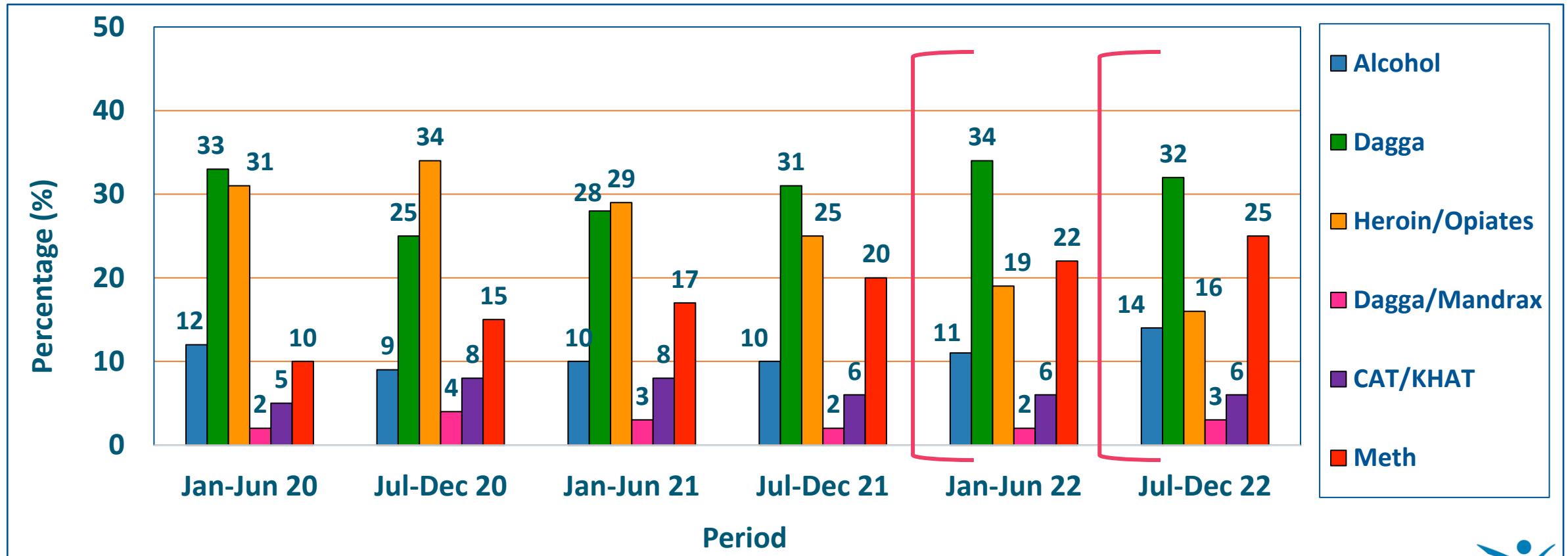
SELECTED PRIMARY SUBSTANCES OF USE



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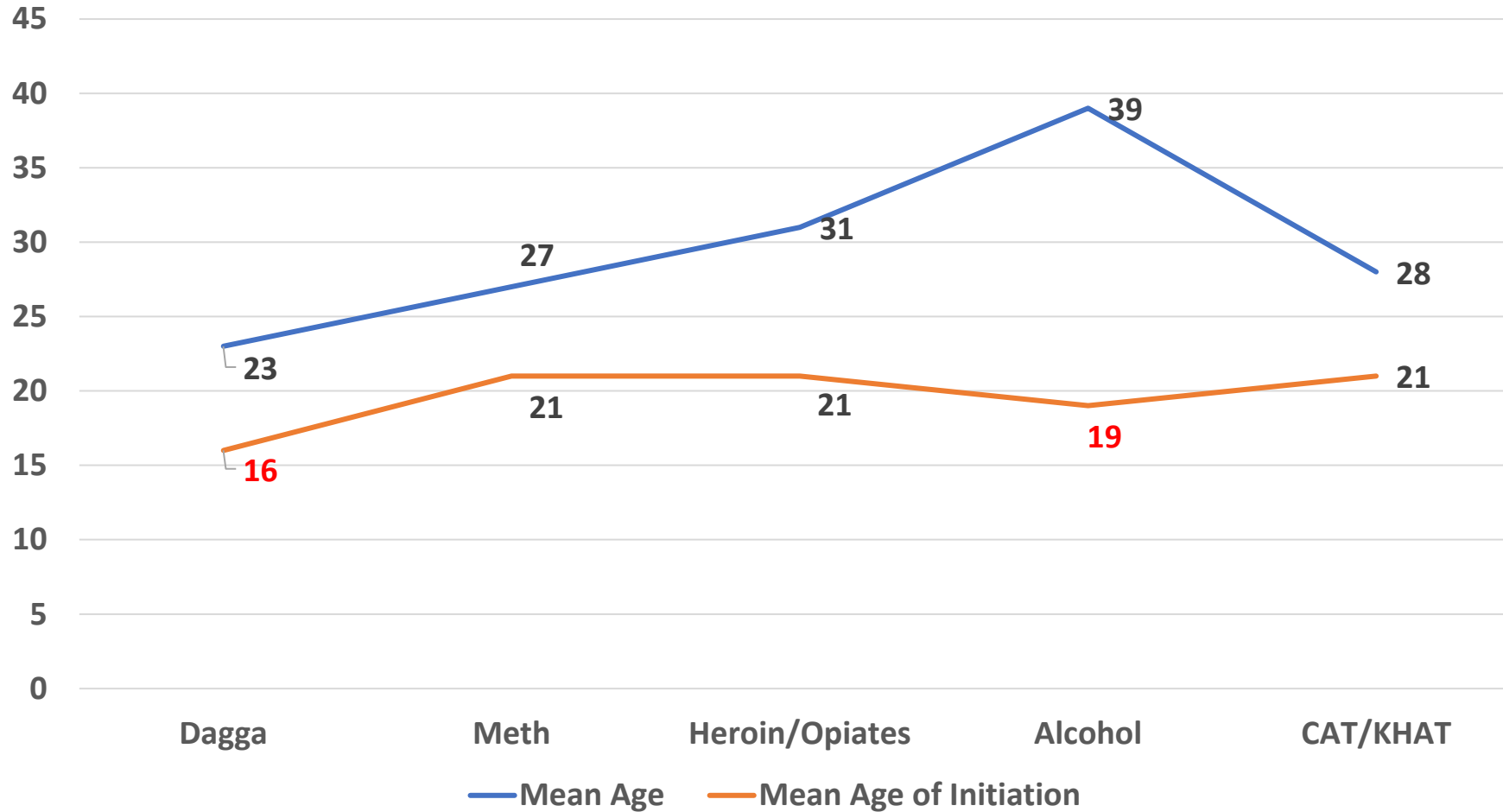
TOP 5 PSOA BY MEAN AGE/MEAN AGE OF INITIATION



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TOP 5 PRIMARY SUBSTANCES OF USE BY AGE COHORT



	Dagga	Meth	Heroin	Alcohol	CAT/KHAT
	%				
<10yrs	0	0	0	0	0
10-14yrs	7	1	<1	1	1
15-19yrs	38	13	2	3	12
20-24yrs	18	32	12	4	27
25-29yrs	14	23	29	11	22
30-34yrs	11	17	29	16	21
35-39yrs	7	9	21	22	12
40-44yrs	3	3	6	13	4
45-49yrs	1	1	1	13	1
50-54yrs	1	1	1	8	<1
55-59yrs	<1	<1	<1	4	1
60-64yrs	<1	<1	<1	3	<1
65+yrs	<1	<1	<1	<u>3</u>	<1



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



	Dagga	Meth	Heroin	Alcohol	CAT/KHAT
<10yrs	1	0	0	1	0
10-14yrs	30	8	4	10	5
15-19yrs	60	47	44	60	43
20-24yrs	8	24	29	16	24
25-29yrs	2	11	14	7	19
30-34yrs	1	7	5	5	5
35-39yrs	<1	2	2	1	4
40-44yrs	<1	1	1	<1	1
45-49yrs	<1	1	0	1	0
50-54yrs	<1	0	0	1	0
55-59yrs	0	0	<1	0	0
60-64yrs	-	-	-	-	-
65+yrs	0	0	0	0	0



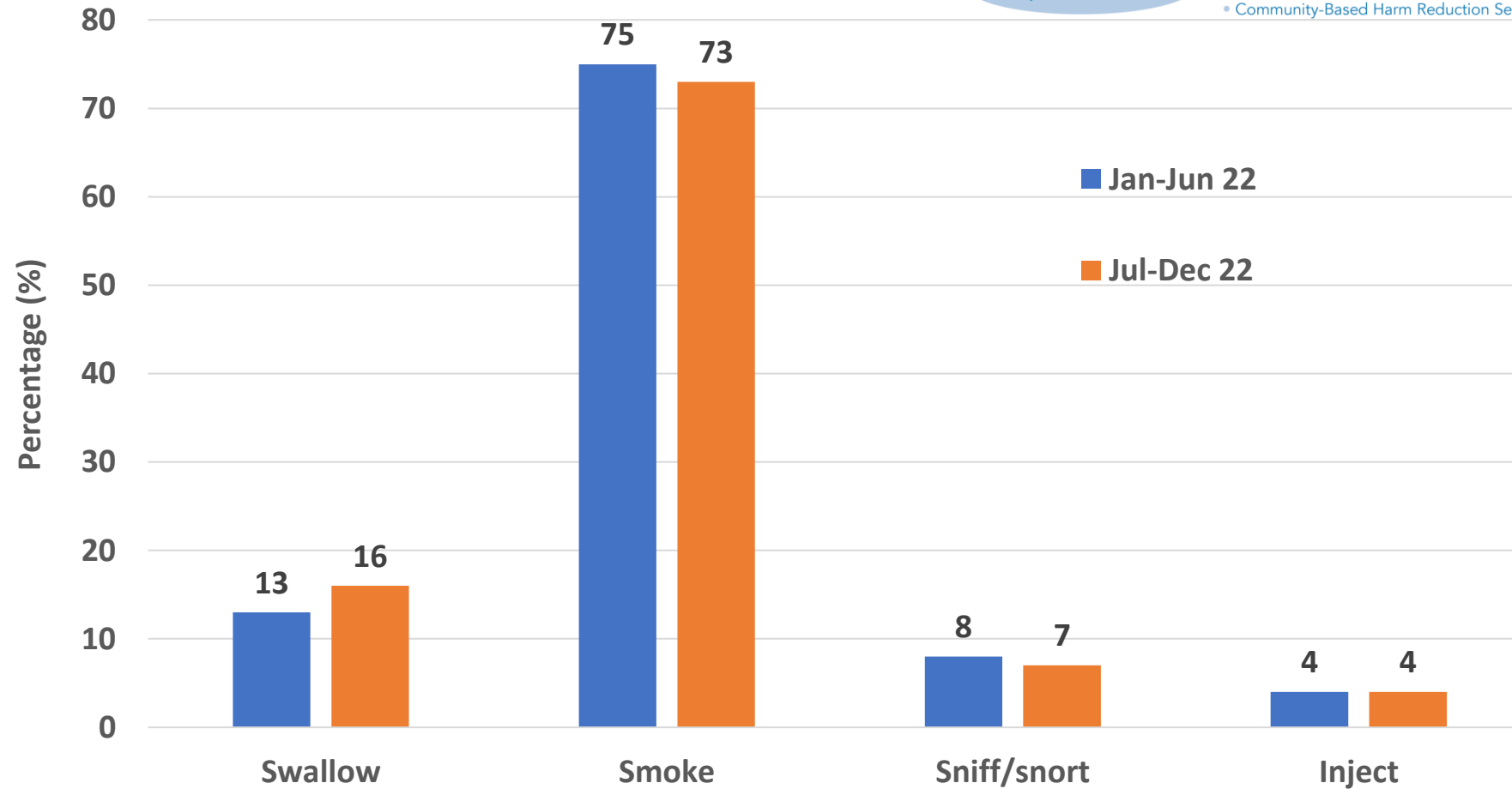
ROUTE OF ADMINISTRATION (%)



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PRIMARY SUBSTANCES COMMONLY INJECTED (%)

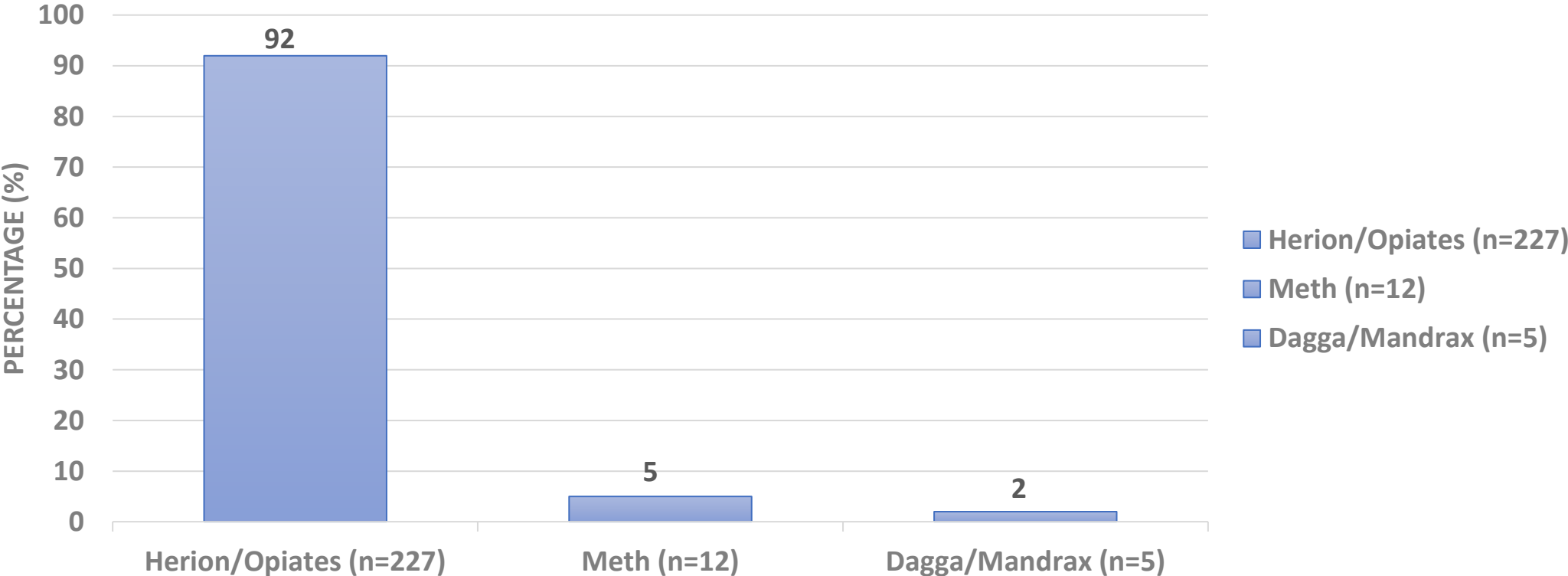


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MEAN AGE (yrs) – SELECTED PRIMARY SUBSTANCE OF USE



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Substance of use	Jul-Dec 19	Jan-Jun 20	Jul-Dec 20	Jan-Jun 21	Jul-Dec 21	Jan-Jun 22	Jul-Dec 22
Alcohol	30	28	39	38	38	39	39
CAT/KHAT	27	28	27	27	26	27	28
Crack/Cocaine	28	27	30	29	30	30	34
Dagga	25	28	23	23	22	23	23
Heroin/Opiates	26	29	29	29	30	30	31
Inhalants	23	25	19	15	13	19	29
Meth	25	27	27	26	23	25	27
OTC/PRE	25	26	43	36	39	42	38
OVERALL	26	28	28	27	25	27	28



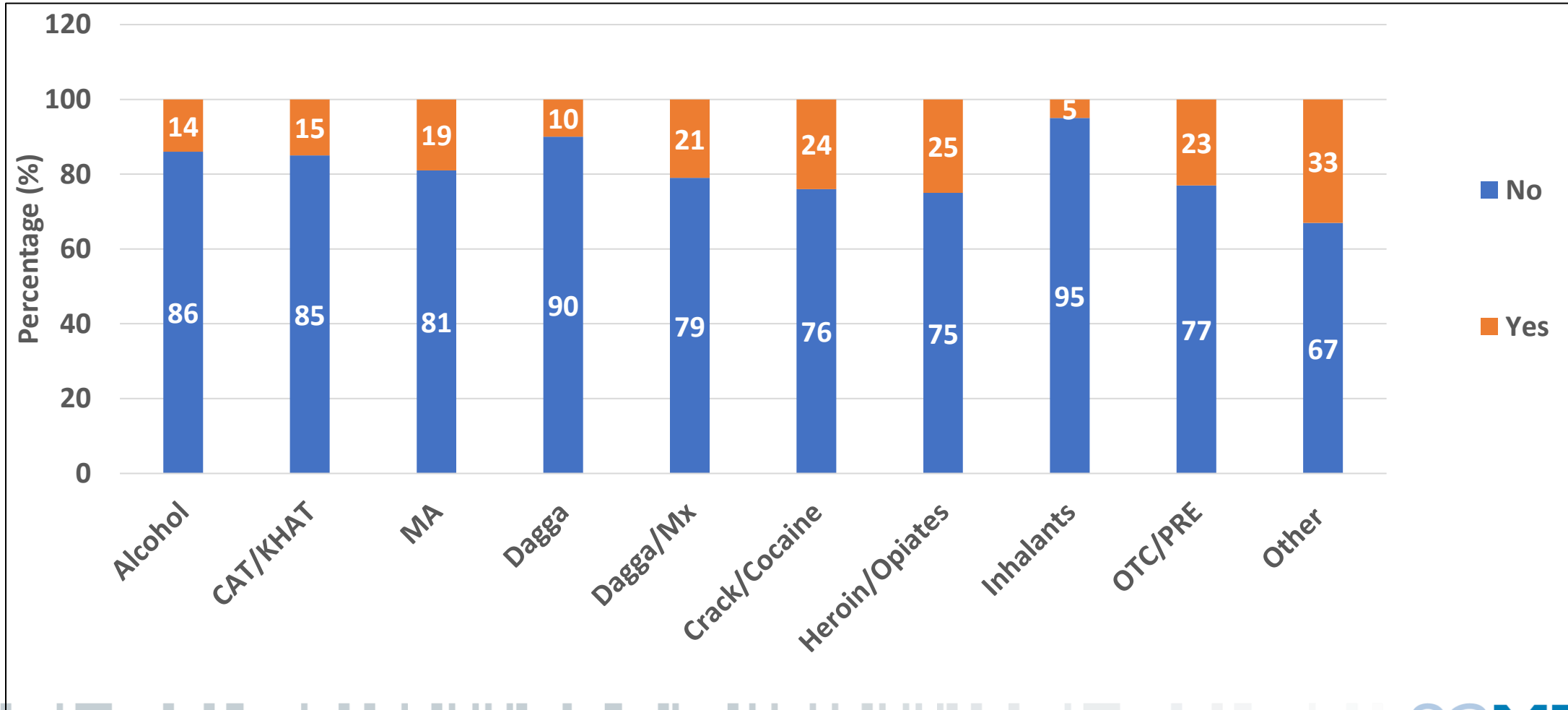
READMISSION BY SELECTED PRIMARY SUBSTANCE OF USE



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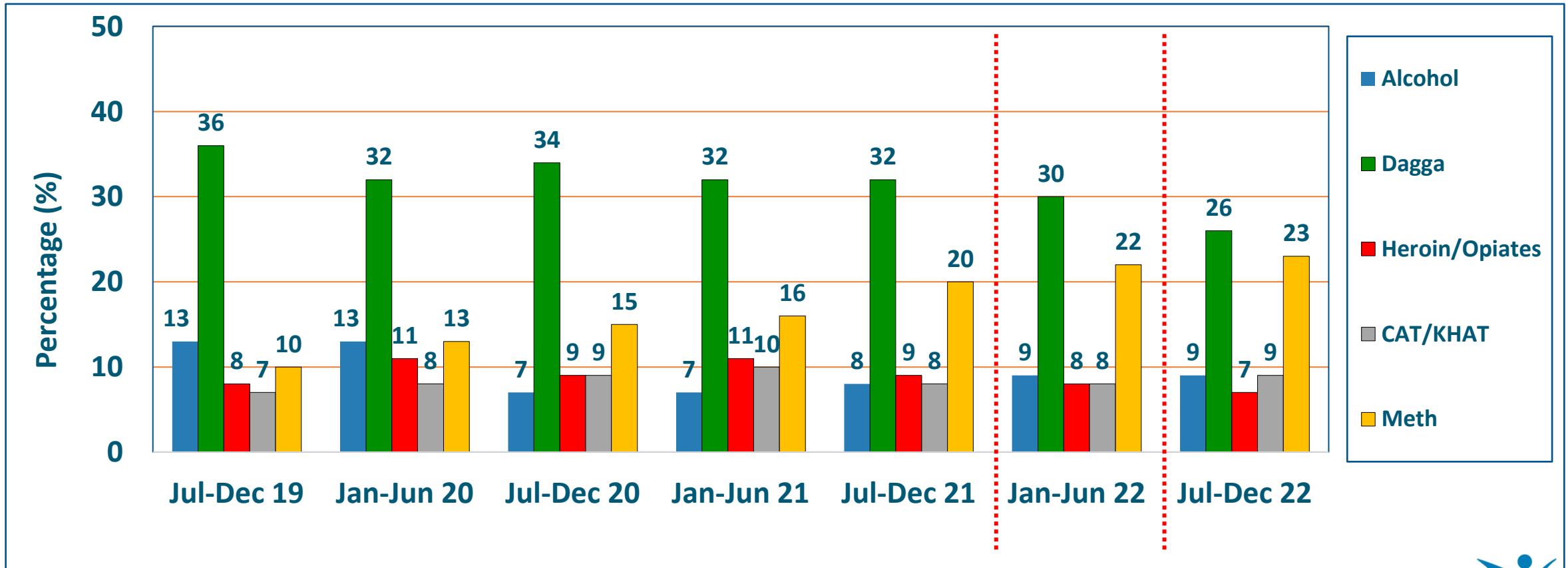
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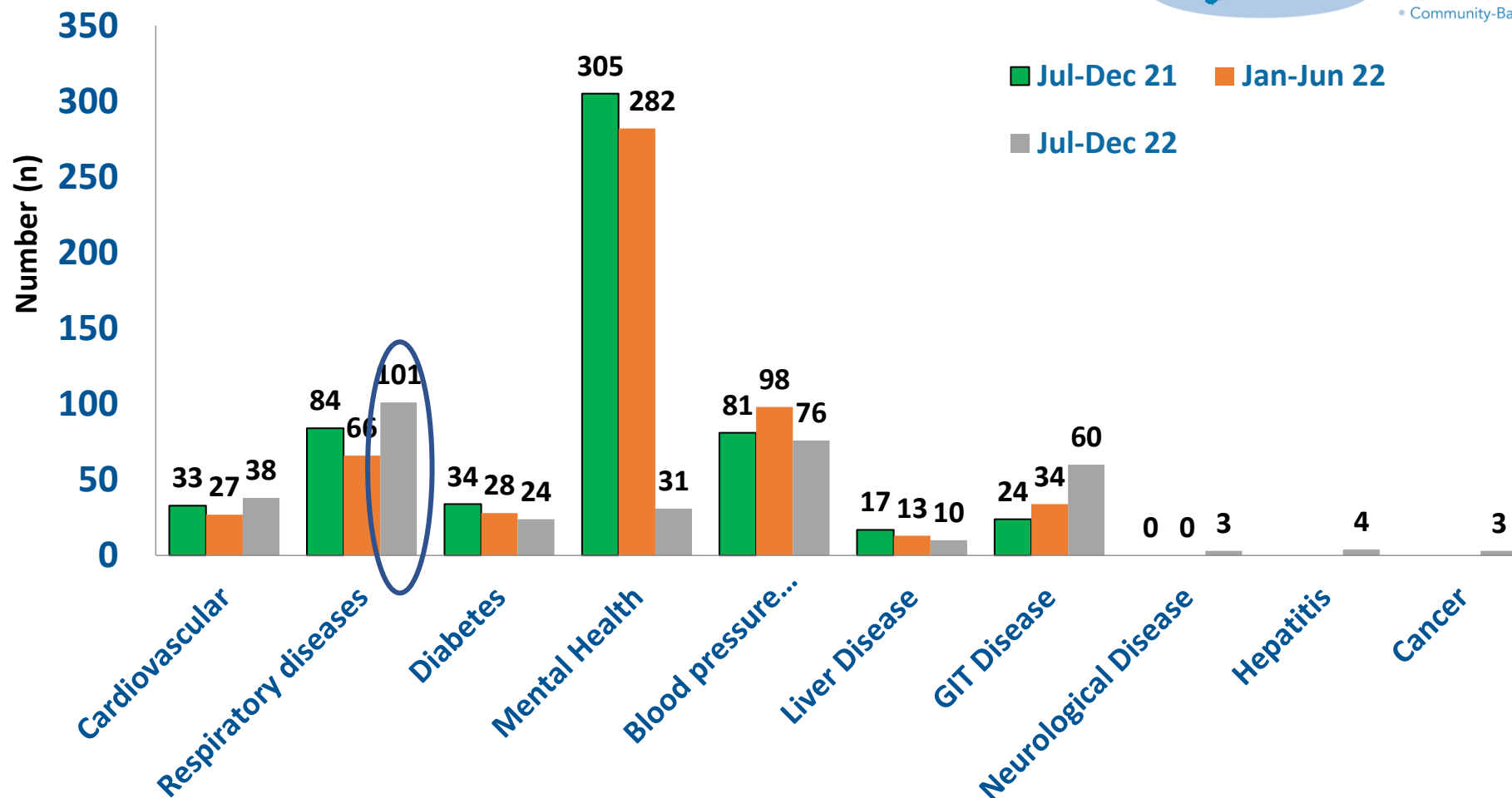




SECONDARY SUBSTANCE OF USE (%)



Number of NCDs (n = 462/5520; 8%)



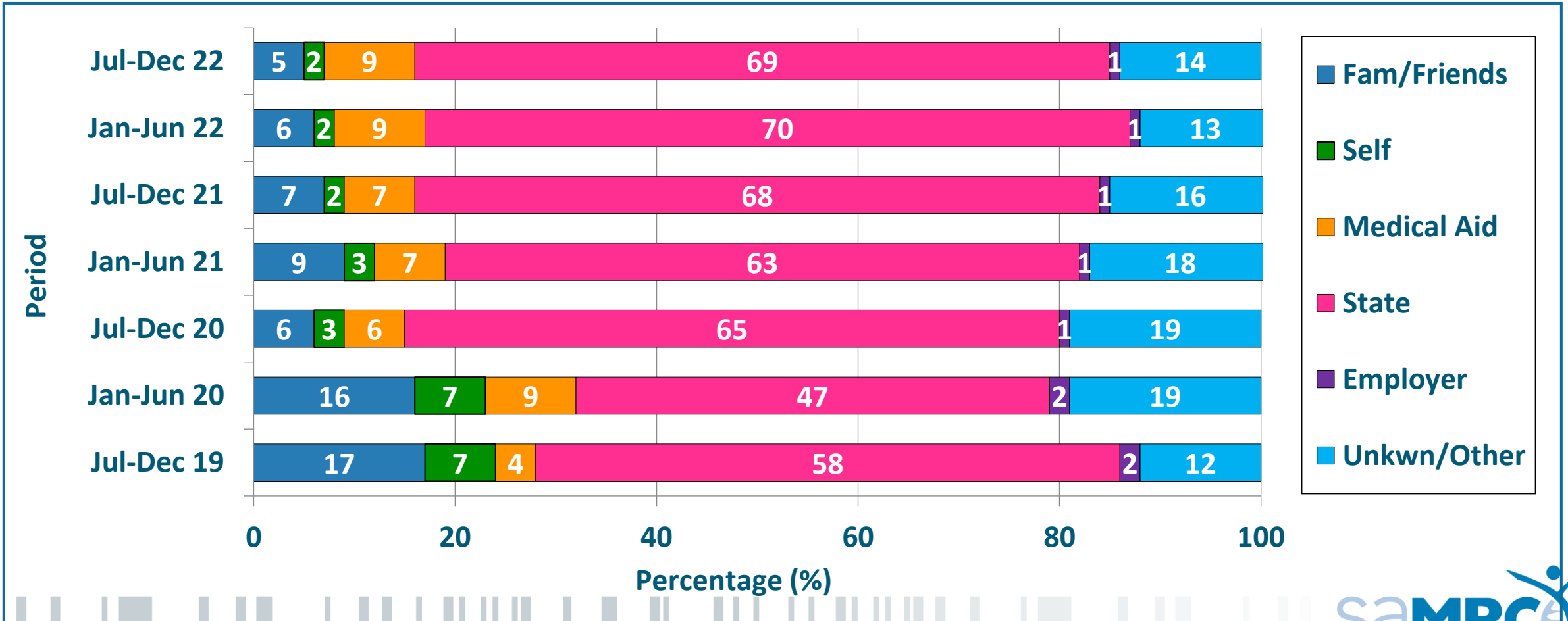
PATIENTS REPORTING CODEINE MISUSE



Profile of Individuals who use Codeine (n=294/5520, 5%)	Percent (%)
Majority were male	83
Highest proportion were aged between 15-29 years: (i) 15-19yrs (22%); (ii) 20-24yrs (21%); (iii) 25-29yrs (16%) (Stilpane tablets, followed by cough mixture)	59
Most between 15-19 years (Stilpane tablets followed by cough syrup)	22
The majority were unemployed	68
Type of Codeine-containing medication misused	
Acurate; Adco-Dol; Betapyn; Codoxyl; Napacod Mybulen; Myprodol; Pynstop; Salterpyn; Stilpane; Syndol } Tablets	34
Actifed syrup; Benylin syrup with codeine; Broncleer syrup; Painagon syrup; Expectalin syrup } Syrup	11



SOURCE OF PAYMENT (%)





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PATIENTS ≤ 18 YEARS



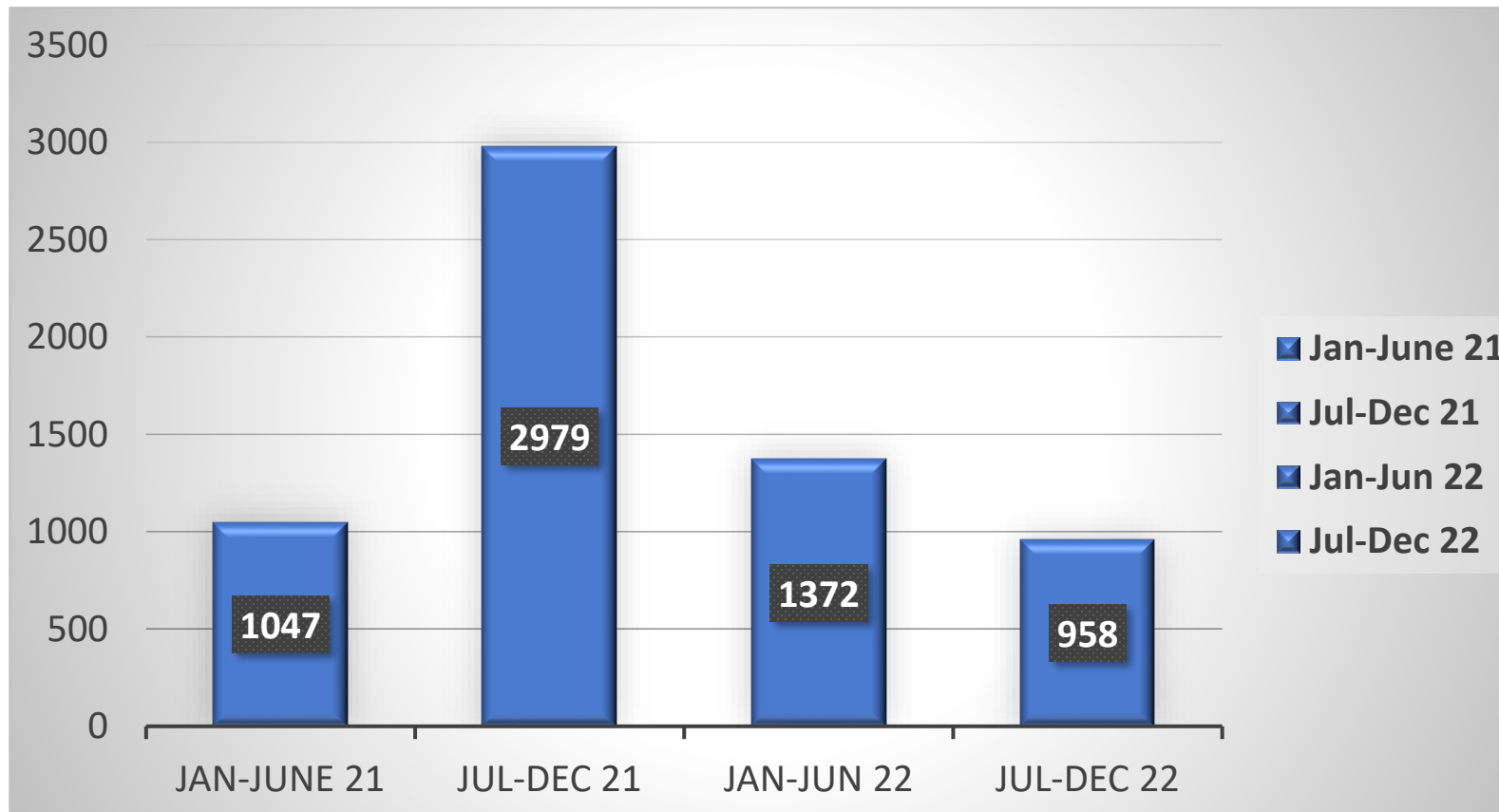


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NUMBER OF PATIENTS IN TREATMENT



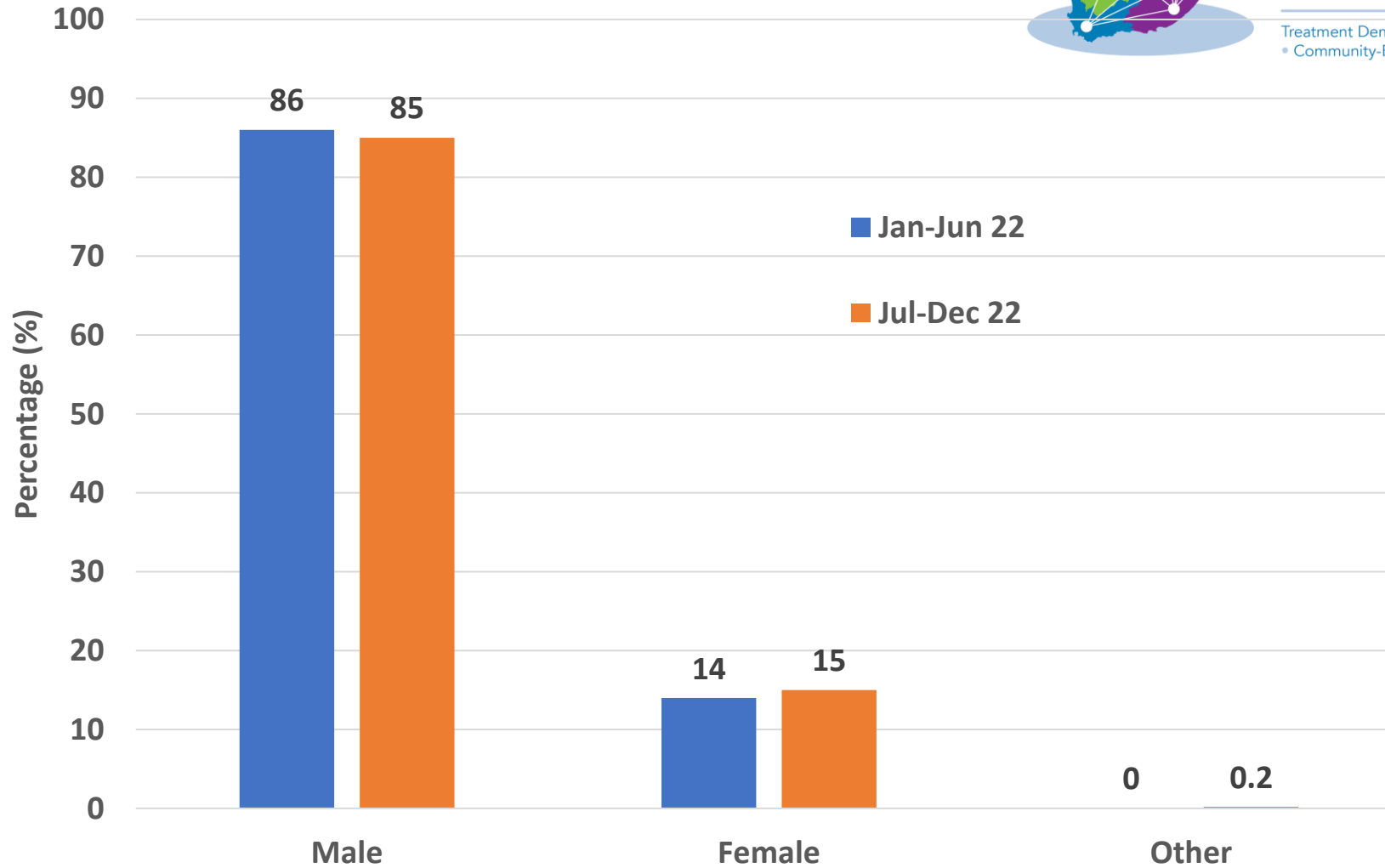
GENDER



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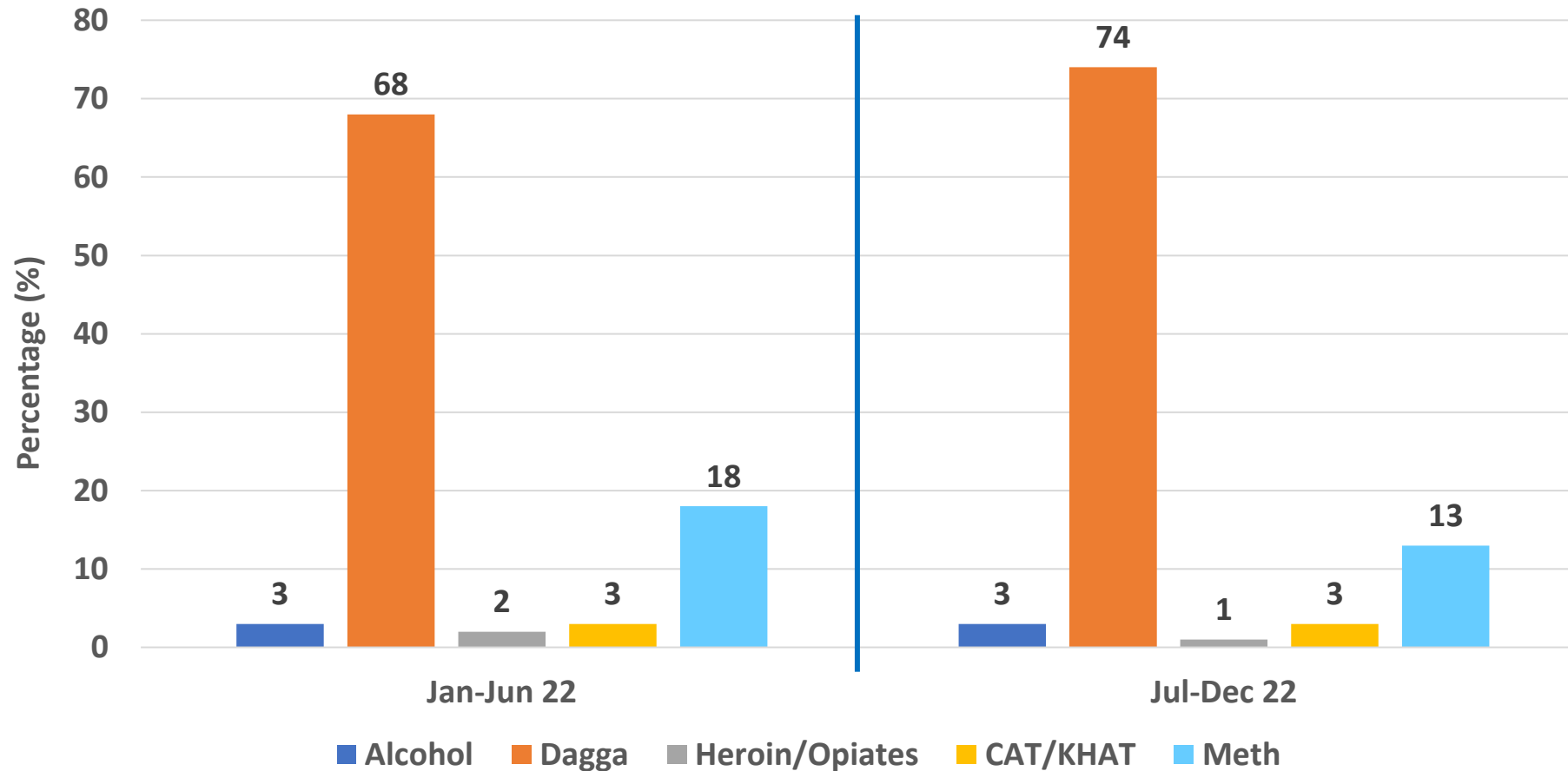
SELECTED PRIMARY SUBSTANCES OF USE



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SUMMARY



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- Decrease in the number of admission over the last two periods.
- Majority were in-patient, first-time admissions.
- Highest proportion of admissions were found among younger individuals aged 15 to 29 years.
- Most individuals were unemployed (67%) at time of admission, with almost 60% having been unemployed for >6 months.
- Over half (55%) resided in a permanent abode and lived with parents/relatives (48%).
- The majority were self-referrals (35%), followed by referrals by family/friends (26%).
- Highest rates for no prior HIV testing were found among 15-19 year individuals (33%).
- Cannabis was the leading primary (32%) and secondary (26%) substance of use at time of admission; cannabis was also most commonly reported as a primary substance at time of admission among young individuals aged 15 to 29 years.
- The youngest age of initiation was reported for cannabis at 10-14 years (30%) and 15-19 years (60%) compared to other substances. Alcohol was also commonly initiated at a younger age (15-19 years, 60%) compared to other substances.



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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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