

AUSTRALIAN INSTITUTE OF CRIMINOLOGY

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*Latest Trends from the DUMA
Monitoring Program*

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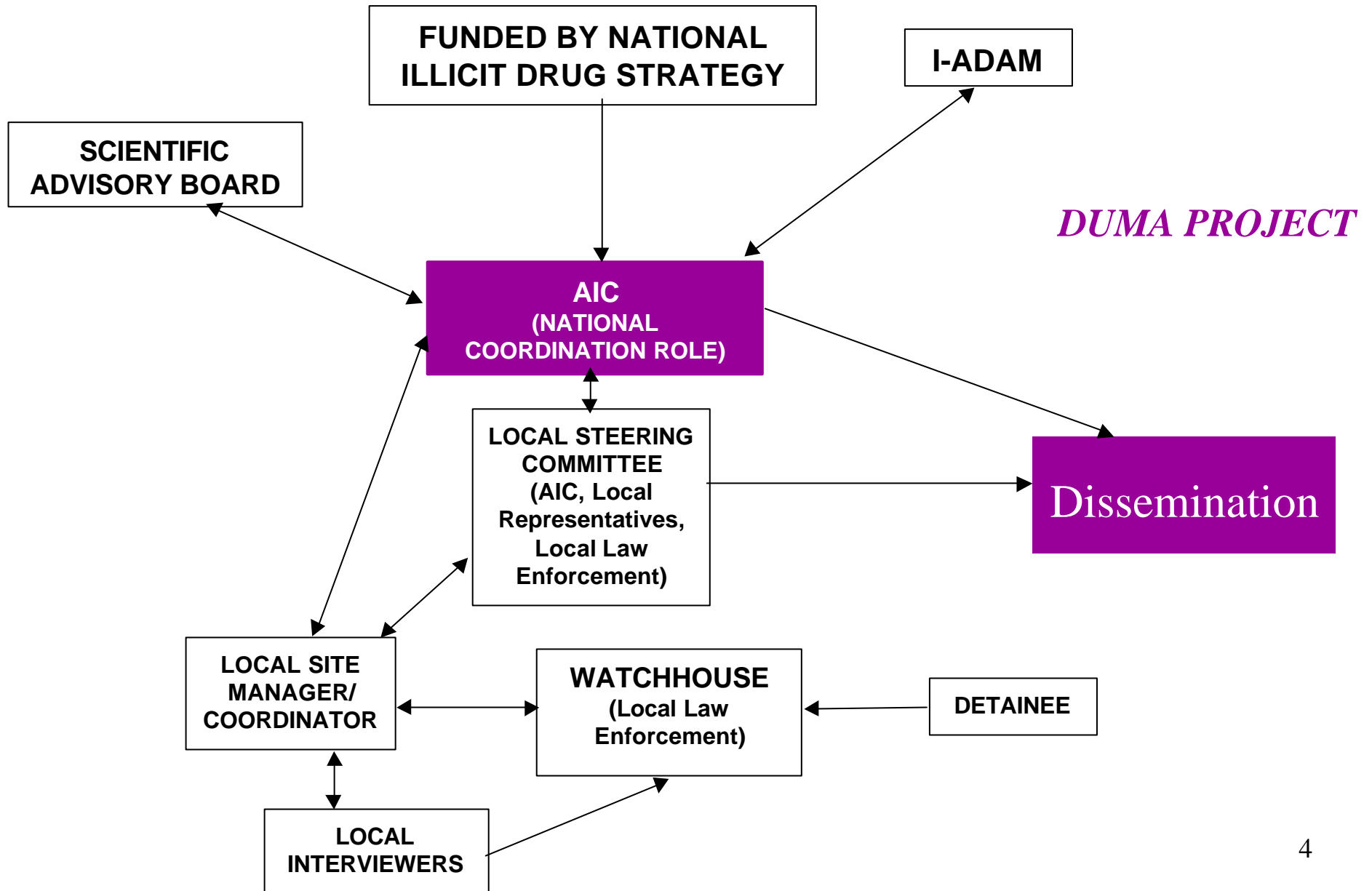
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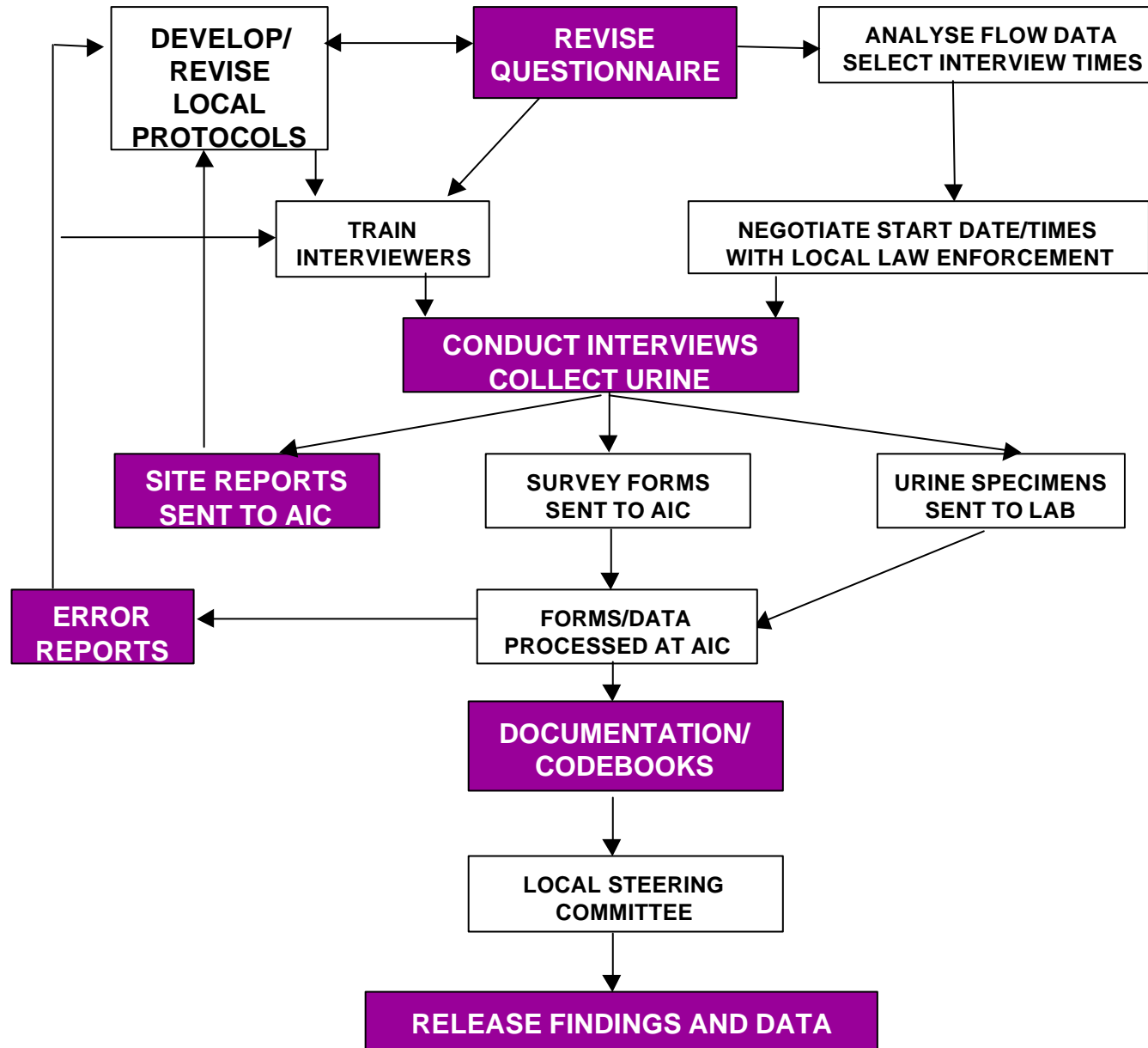
ACKNOWLEDGEMENTS/ DISCLAIMER

The data used here were collected for the Australian Institute of Criminology's Drug Use Monitoring in Australia (DUMA) project by the National Drug Research Institute at the Curtin University of Technology, Marg Hauritz Pty Ltd and Forsythe Consultants Pty Ltd, with the assistance of the Queensland, New South Wales and Western Australian Police Services. Neither the collectors nor the police services bear any responsibility for the analyses or interpretations presented here.

DUMA: WHAT IS IT?

- voluntary interviews with detainees
- voluntary provision of a urine sample
- adult males and females; juveniles in NSW
- covers all offences
- over a three week period
- every three months
- do not have 24 hour coverage
- shift allocation is based on the flow of detainees through the watchhouse





SITE PROCESSES

DUMA - DATA COLLECTED

- SURVEY

- socio-demographic indicators
- arrest/offending indicators
- drug use indicators (including alcohol)
- drug market indicators
- treatment indicators

- URINALYSIS

- screen: cannabis, opiates, methadone, amphetamines, benzodiazepines, cocaine (ng/ml values)
- confirmatory: opiates, amphetamines, benzodiazepines (concentrations in ug/L)

Limitations

- Don't have 24 hour coverage
- Usually only have 1 interviewer on site
- Only interview those held in custody for 48 hours or less
- No sample selection process
- Police can deem a person to be a risk (about 10 percent of cases)
- Not all persons charged in an area are brought to the police station for booking purposes
- Repeat clients – sample of detentions

DUMA SITES

- Southport Watchhouse
- Sydney sites:
 - Bankstown police station
 - Parramatta police station
- East Perth Lockup

Hours covered

	Bankstown		East Perth		Southport		Parramatta	
	1999	2000	1999	2000	1999	2000	1999	2000
Total hours	976	1228	1902	1042	2585	1332	959	1224
Hours covered	544.5	591	1404	634	707.25	368.5	569.5	526
(% hours covered)	55.8	48.1	73.8	60.8	27.5	27.7	59.4	43.0

Source: Australian Institute of Criminology, DUMA Fieldwork files, 1999-2000

Numbers interviewed

	Bankstown		East Perth		Southport		Parramatta	
	1999	2000	1999	2000	1999	2000	1999	2000
No. of males	130	314	427	434	465	551	158	332
No. of females	28	55	52	135	79	77	25	76
No. of juveniles	19	64					17	84

Source: Australian Institute of Criminology, DUMA Fieldwork files, 1999-2000

Fieldwork information

	ADULT MALES							
	Bankstown		East Perth		Southport		Parramatta	
	1999	2000	1999	2000	1999	2000	1999	2000
No. Approached	155	379	529	532	501	641	183	378
No. language problem	2	6	2	1	1	3	6	4
No. Interviewed	130	314	427	434	465	551	158	332
(% Interviewed)	(83.8)	(82.8)	(80.7)	(81.5)	(92.8)	(85.9)	(86.3)	(87.8)
No. Specimens collected	72	244	274	303	392	440	91	259
(% Specimens)	(55.3)	(77.7)	(64.2)	(69.8)	(84.3)	(79.8)	(57.5)	(78.1)

Source: Australian Institute of Criminology, DUMA Fieldwork files, 1999-2000

Fieldwork information

	ADULT FEMALES							
	Bankstown		East Perth		Southport		Parramatta	
	1999	2000	1999	2000	1999	2000	1999	2000
No. Approached	29	67	68	153	84	89	35	85
No. language problem	0	4	0	0	0	0	1	4
No. Interviewed	28	55	52	135	79	77	25	76
(% Interviewed)	(96.5)	(82.1)	(76.5)	(88.2)	(94.1)	(86.5)	(71.4)	(89.4)
No. Specimens collected	17	40	31	97	67	60	17	48
(% Specimens)	(60.7)	(72.7)	(59.6)	(71.8)	(84.8)	(77.9)	(68.0)	(63.2)

Source: Australian Institute of Criminology, DUMA Fieldwork files, 1999-2000

AGE OF ADULT DETAINEES (%)

	Sample size	17/18-20	21-25	26-30	31-35	36+
Males						
Bankstown	444	24	25	22	10	19
East Perth	860	22	27	20	14	18
Parramatta	490	18	27	23	12	20
Southport	1016	16	27	23	13	20
Females						
Bankstown	83	24	36	13	12	15
East Perth	187	24	29	21	12	14
Parramatta	101	25	23	20	9	24
Southport	156	21	30	22	8	20

Source: AIC, DUMA Collection 1999, 2000 [Computer File]

***EMPLOYMENT AND GOVERNMENT BENEFIT
STATUS IN THE PAST MONTH (%)***

	Sample size	Full-time employment	Sample size	Receiving benefit
Males				
Bankstown	440	38	440	47
East Perth	846	26	849	65
Parramatta	483	28	486	64
Southport	1010	26	1012	65
Females				
Bankstown	80	15	83	77
East Perth	185	4	186	88
Parramatta	97	11	99	80
Southport	156	7	155	85

Source: AIC, DUMA Collection 1999, 2000 [Computer File]

PRIOR IMPRISONMENT OR ARREST OF ADULT DETAINEES (%)

	Sample size	Arrested in past year	Sample size	Imprisoned in past year
Males				
Bankstown	436	49	437	22
East Perth	847	56	846	20
Parramatta	486	58	484	27
Southport	1011	43	1011	16
Females				
Bankstown	82	55	83	17
East Perth	186	66	186	25
Parramatta	99	54	97	17
Southport	155	40	154	18

Source: AIC, DUMA Collection 1999, 2000 [Computer File]

***SOLD DRUGS, SEEKING DRUGS AT TIME OF ARREST AND
TOOK DRUGS JUST PRIOR TO ARREST, ADULT DETAINEES (%)***

	Sample size	Sold drugs	Sample size	Seeking drugs	Sample size	Took drugs
Males						
Bankstown	439	25	439	6	440	33
East Perth	839	45	846	12	845	44
Parramatta	483	29	484	6	480	39
Southport	1006	39	1011	7	1009	38
Females						
Bankstown	82	31	83	11	82	43
East Perth	185	40	185	14	185	51
Parramatta	99	25	98	6	98	44
Southport	153	34	156	12	156	44

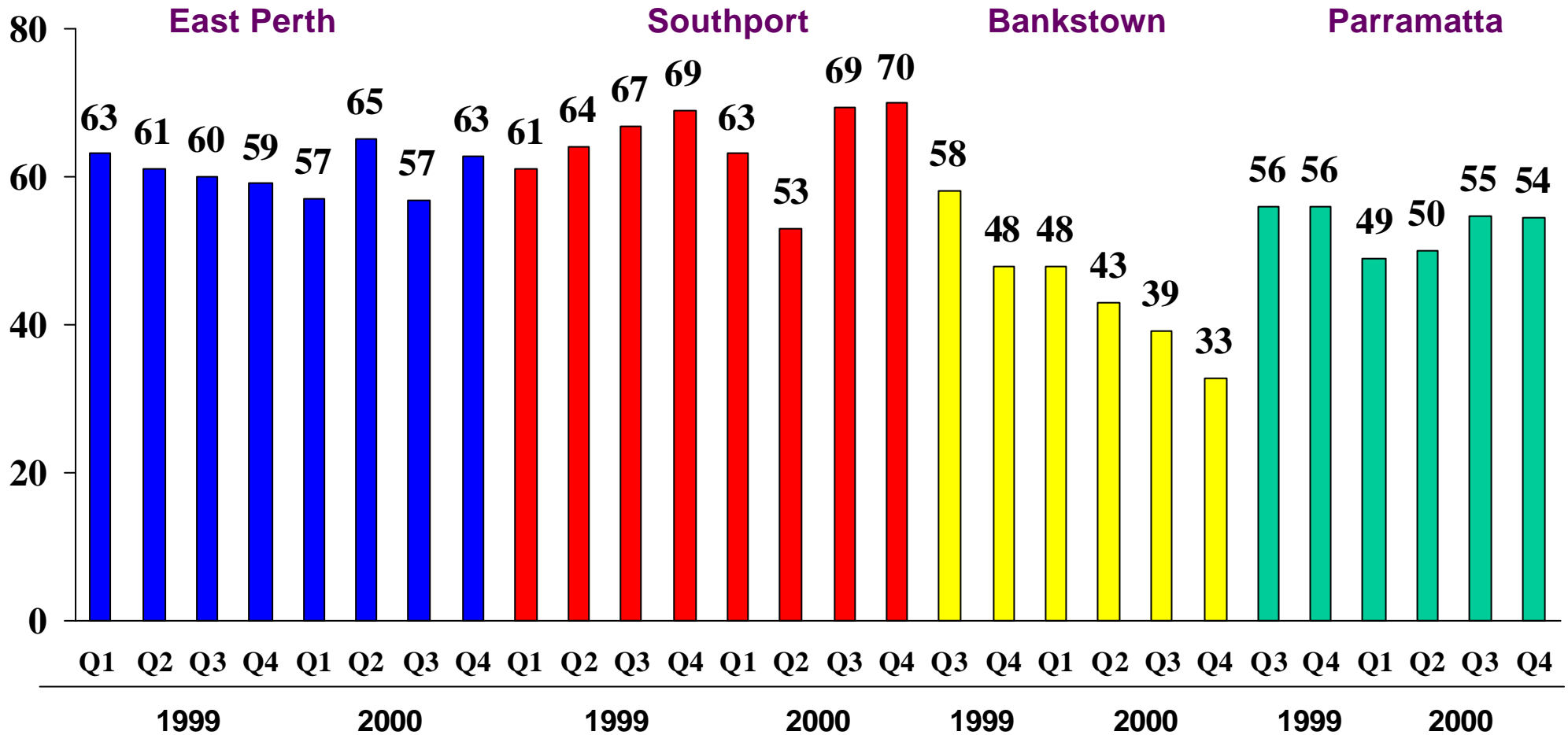
Source: AIC, DUMA Collection 1999, 2000 [Computer File]

Percent testing positive by sex for each site

	Sample size	Cann	Opiates	Coke	Amphet	Benzos	Multiple
Males							
Bankstown	315	43	42	5	10	19	38
East Perth	575	61	23	<1	27	20	38
Parramatta	349	53	42	3	26	27	47
Southport	829	64	13	<1	16	16	28
Females							
Bankstown	57	37	60	11	21	25	49
East Perth	127	63	43	0	42	41	65
Parramatta	70	43	56	6	19	34	51
Southport	127	58	28	2	20	33	48

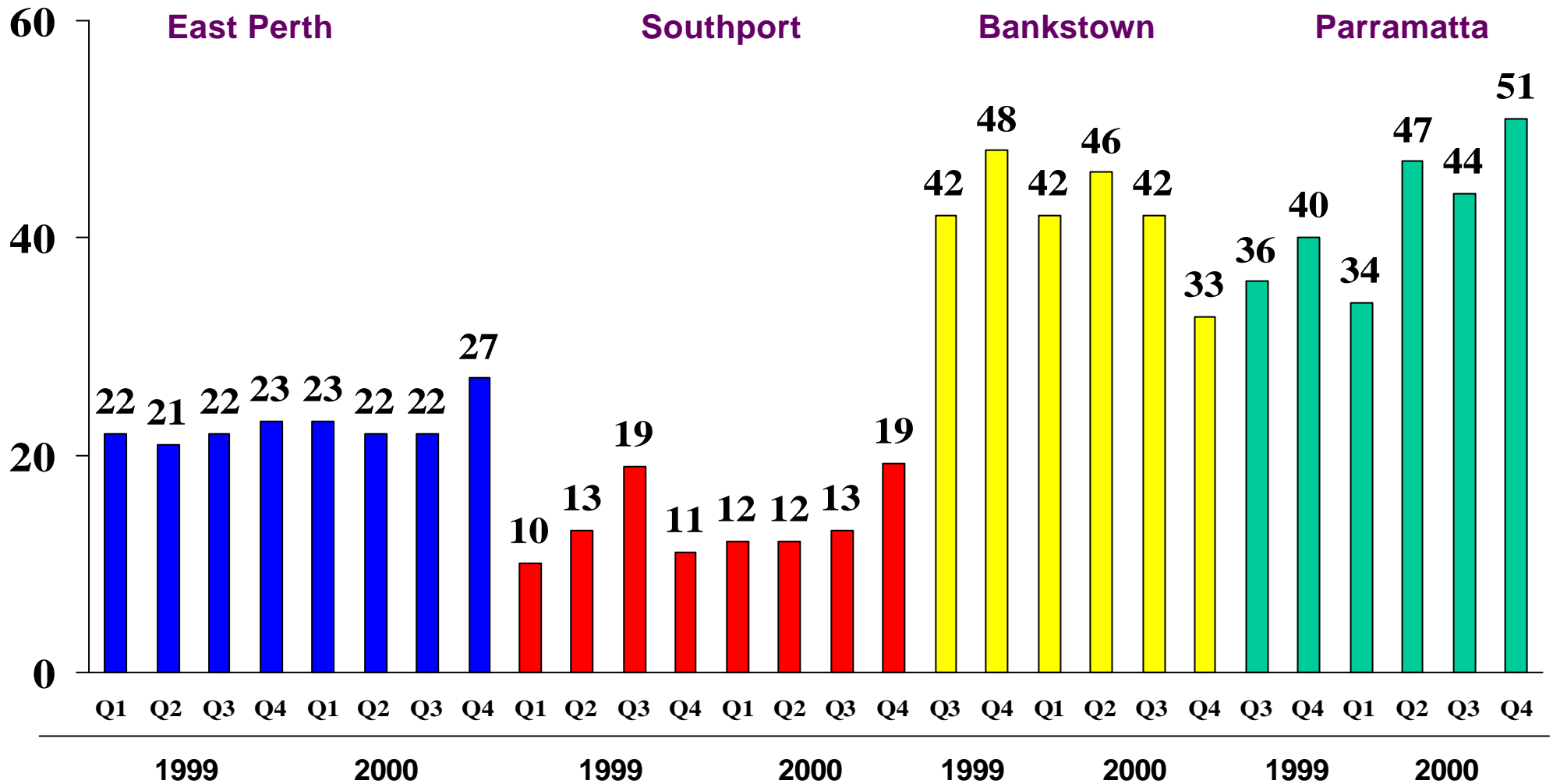
Source: AIC, DUMA Collection 1999, 2000 [Computer File]

Percent testing positive for cannabis, adult male detainees



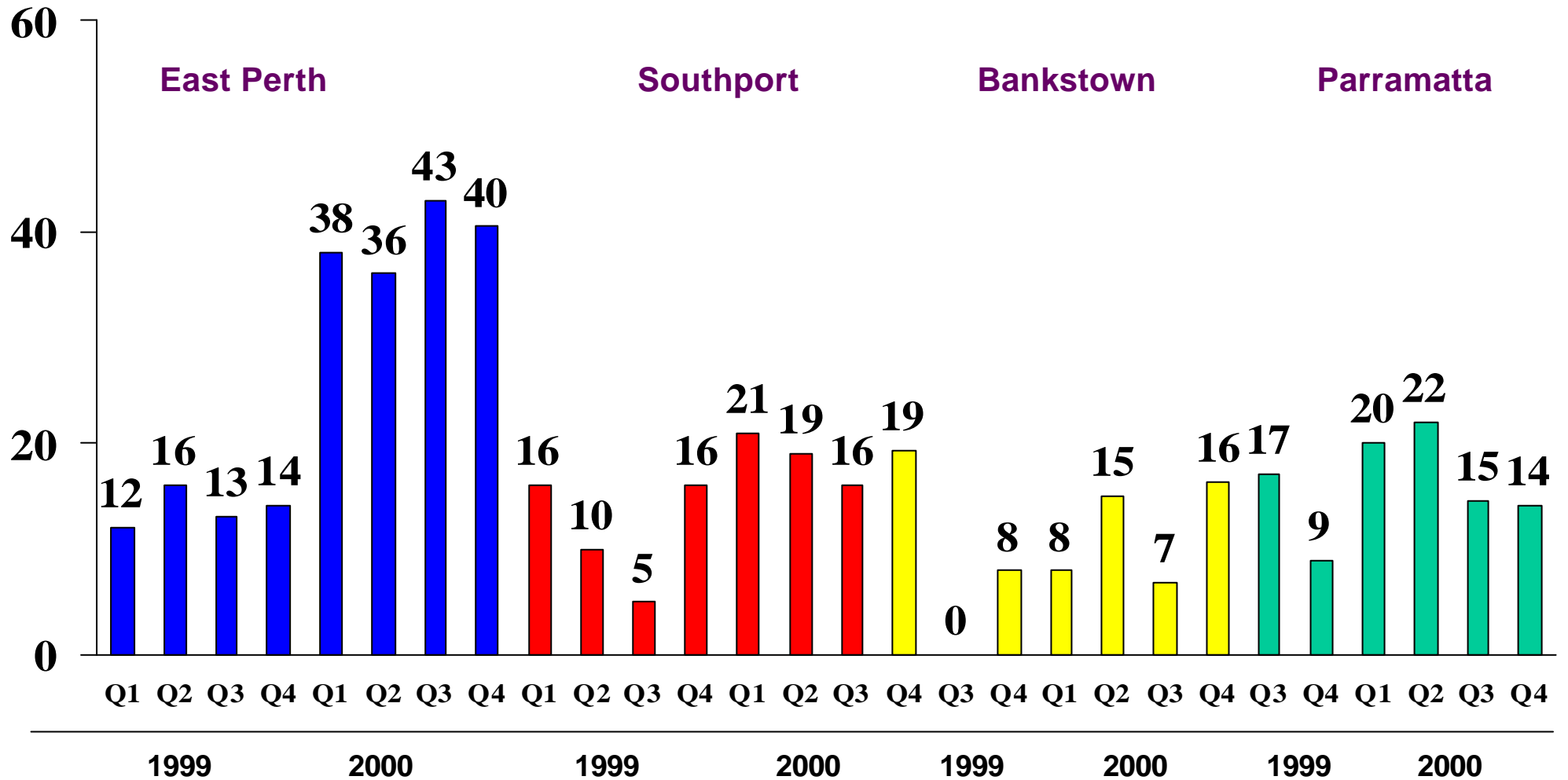
Source: AIC, DUMA Collection 1999, 2000 [Computer file]

Percent testing positive for opiates, adult male detainees



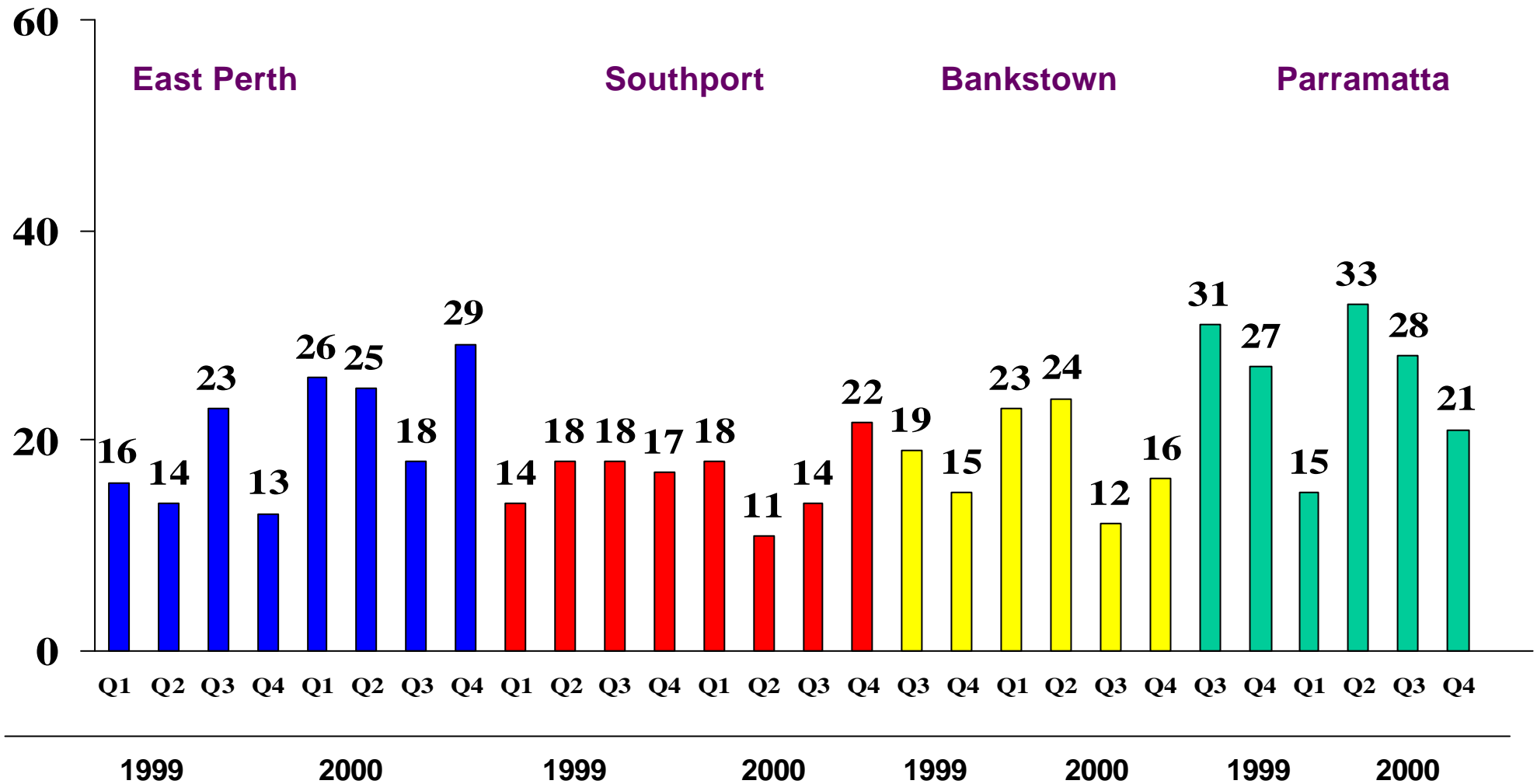
Source: AIC, DUMA Collection 1999, 2000 [Computer file]

Percent testing positive for amphetamines, adult male detainees



Source: AIC, DUMA Collection 1999, 2000 [Computer file]

Percent testing positive for benzodiazepines, adult male detainees



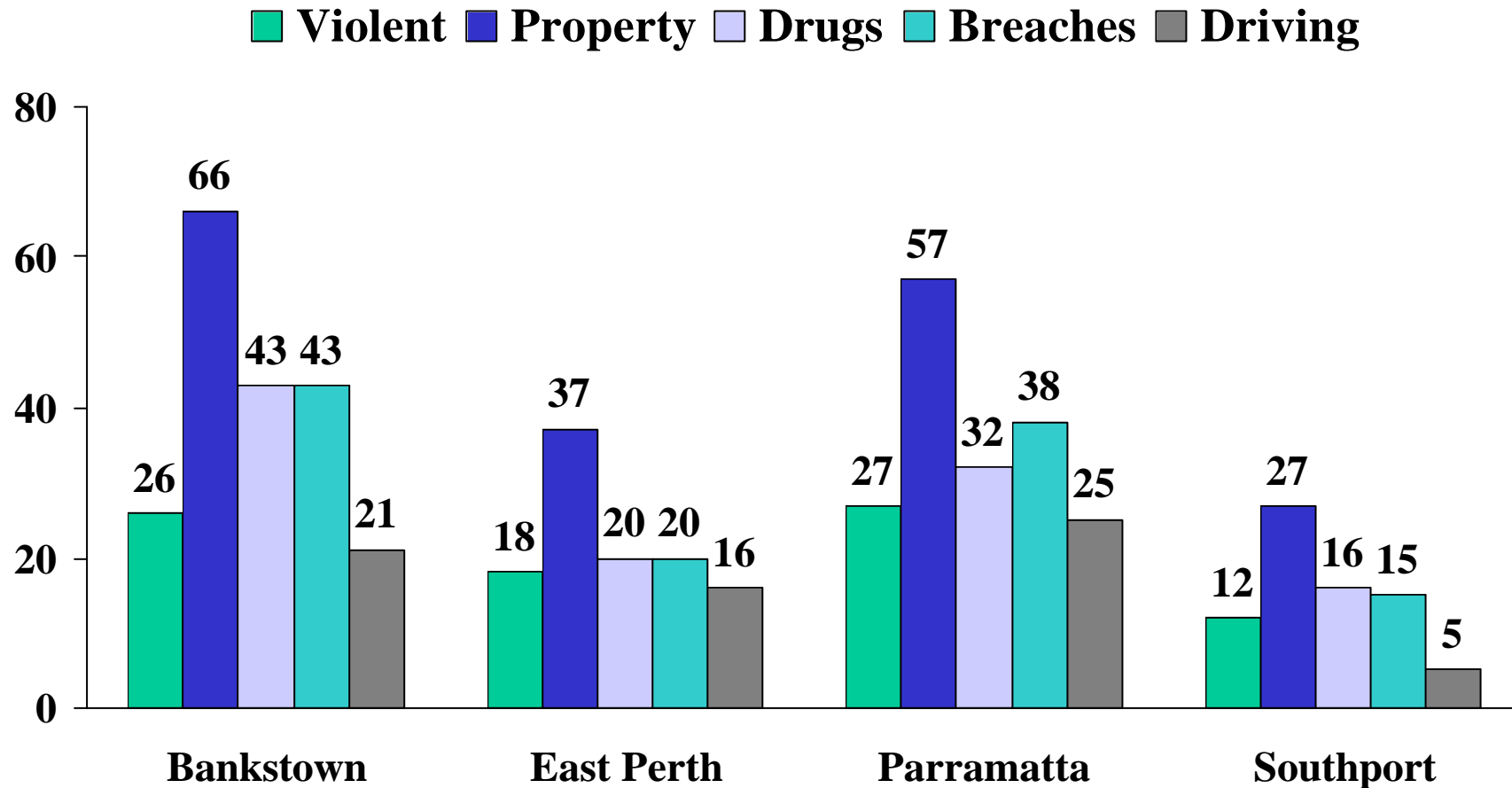
Source: AIC, DUMA Collection 1999, 2000 [Computer file]

MOST SERIOUS CHARGE, ADULT MALE DETAINEES (%)

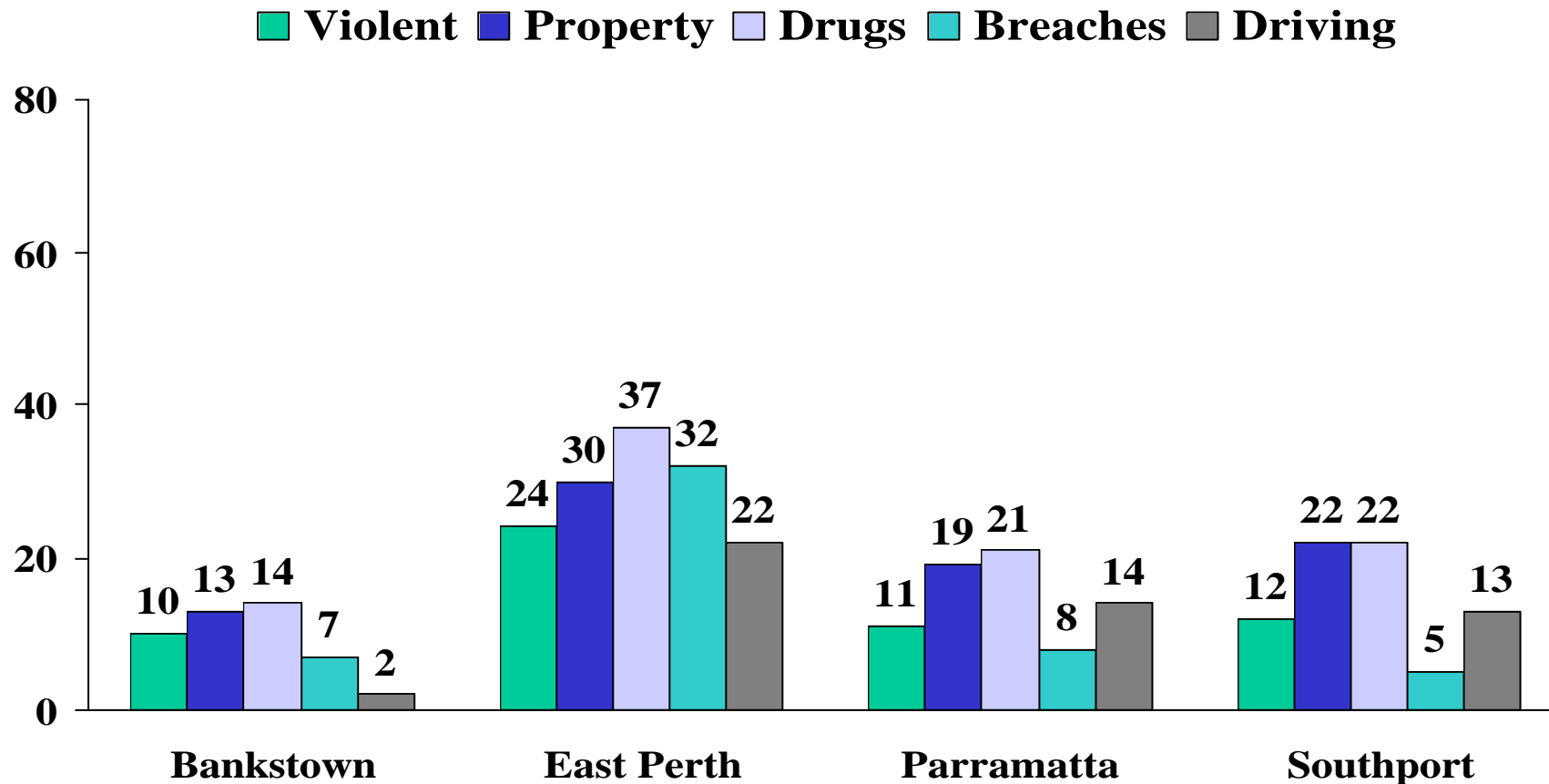
	Total N	Bankstown	East Perth	Parramatta	Southport
Violent	467	22	20	17	12
Property	817	31	24	49	24
Drug	258	12	9	6	10
Driving offences	630	16	15	13	37
Disorder	173	4	10	3	6
Breaches	283	11	18	8	5
Other	131	5	4	5	6

Source: AIC, DUMA Collection 1999, 2000 [Computer File]

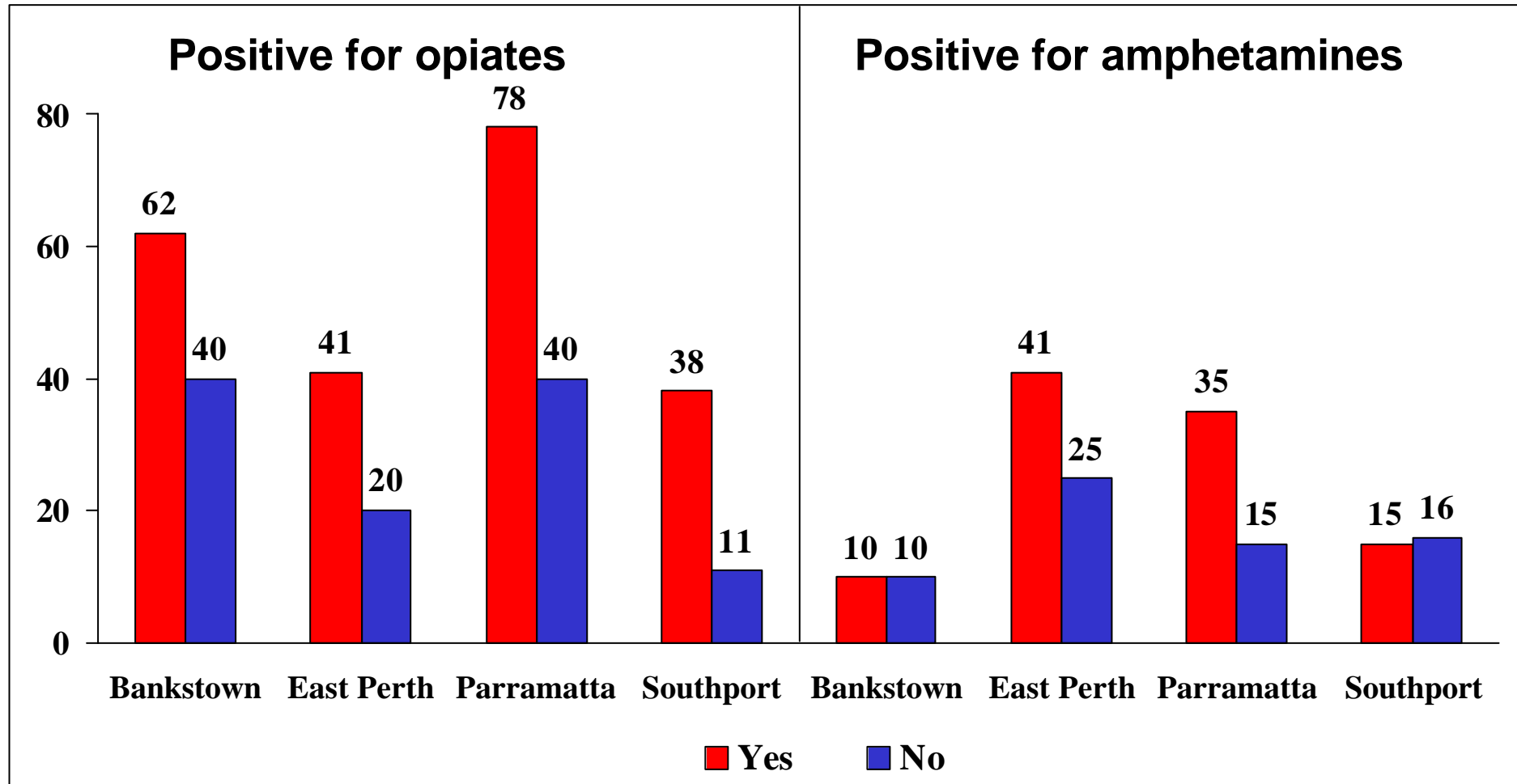
For each charge, % testing +ve for opiates, adult male detainees



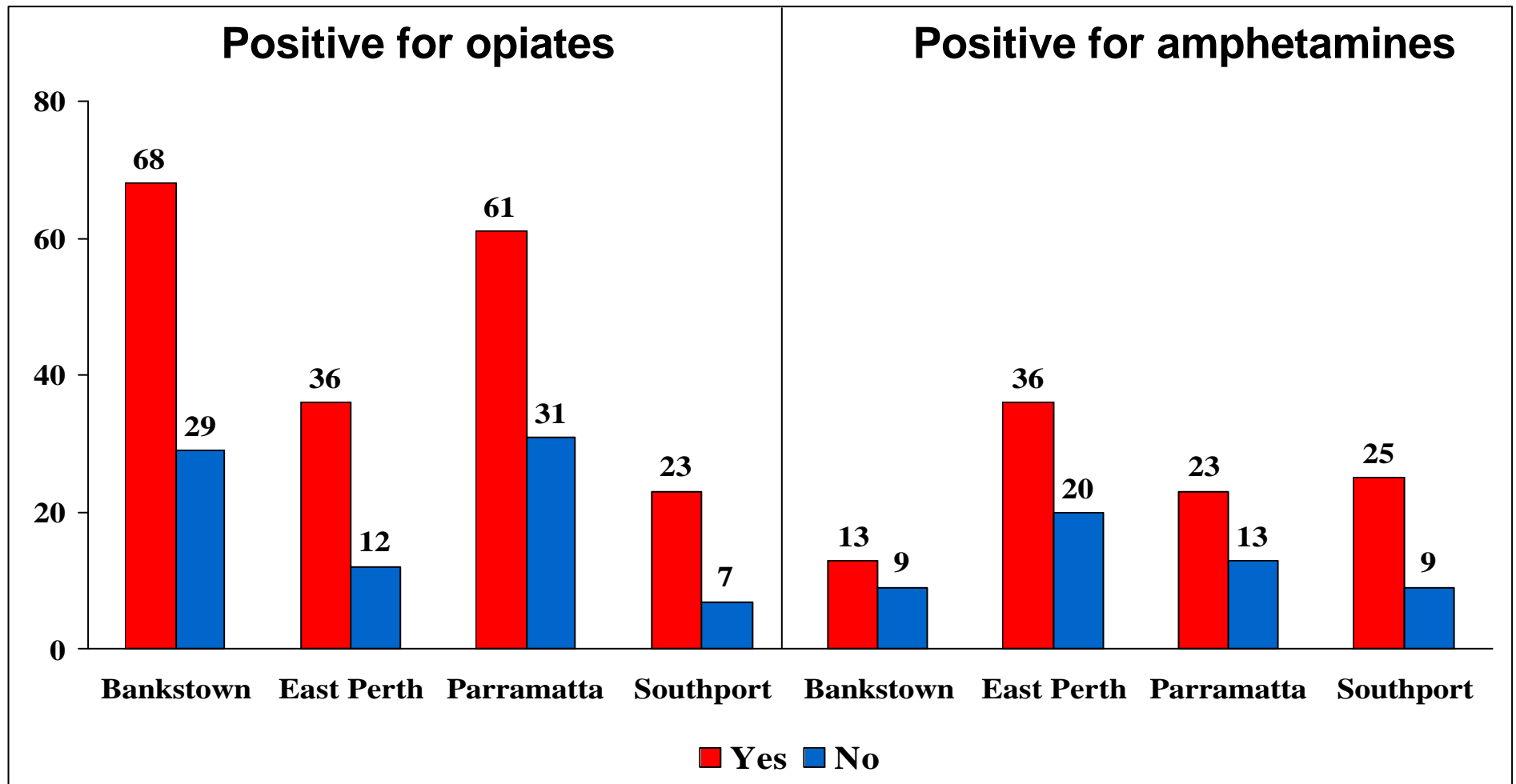
For each charge, % testing +ve for amphet,
adult male detainees



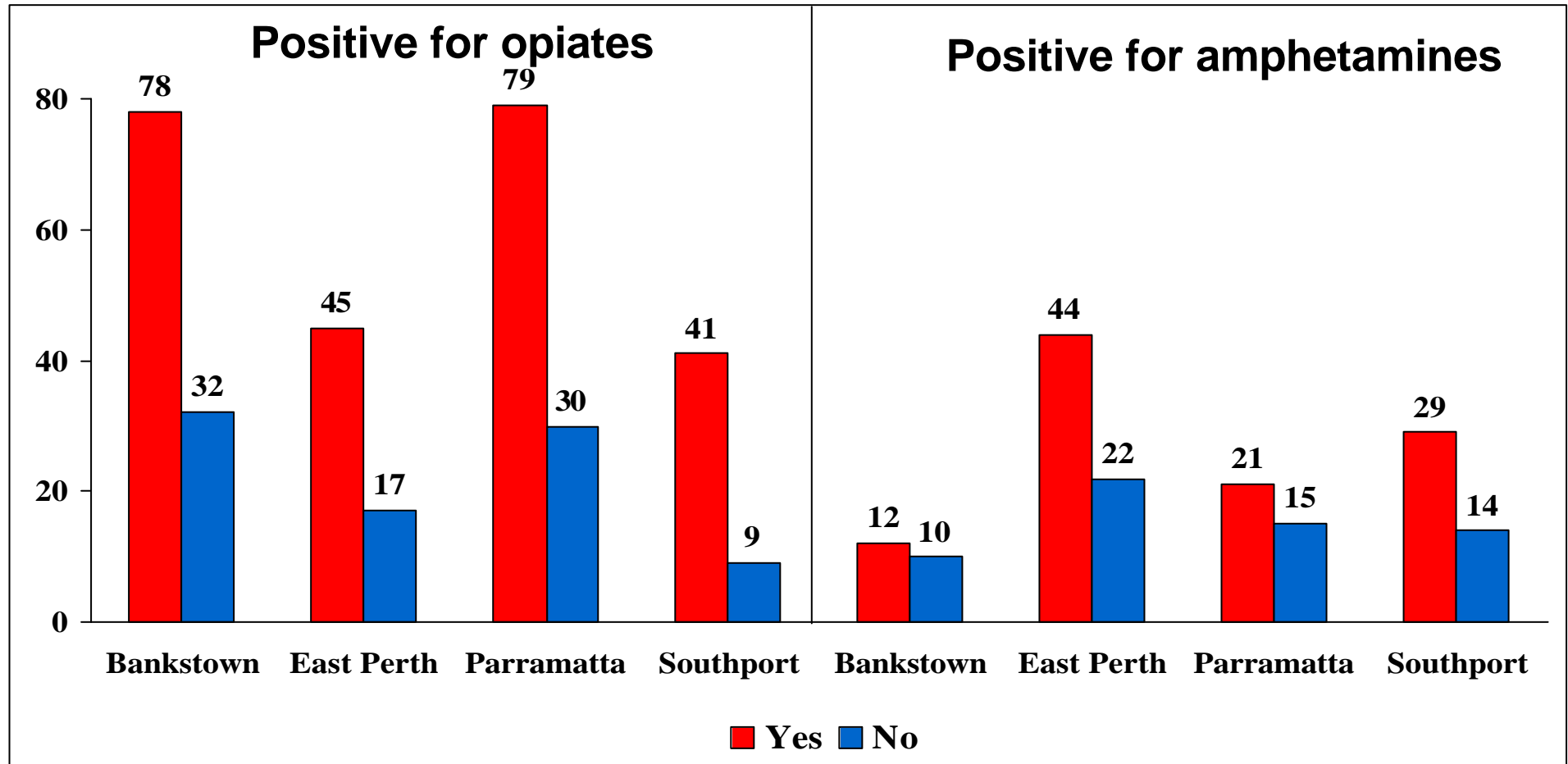
Looking for drugs at time of arrest, adult male detainees



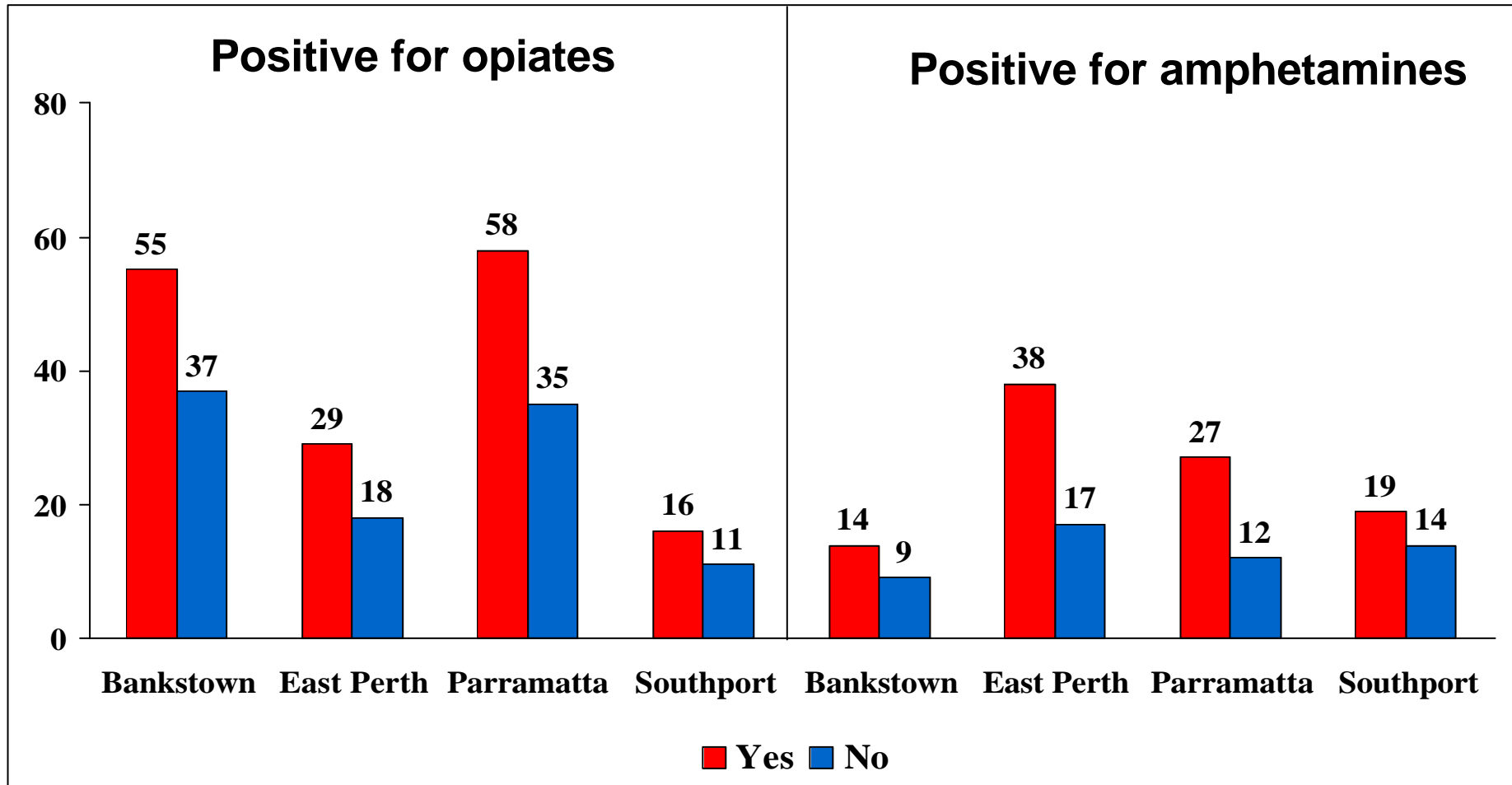
Report use of illicit drugs prior to arrest, adult male detainees



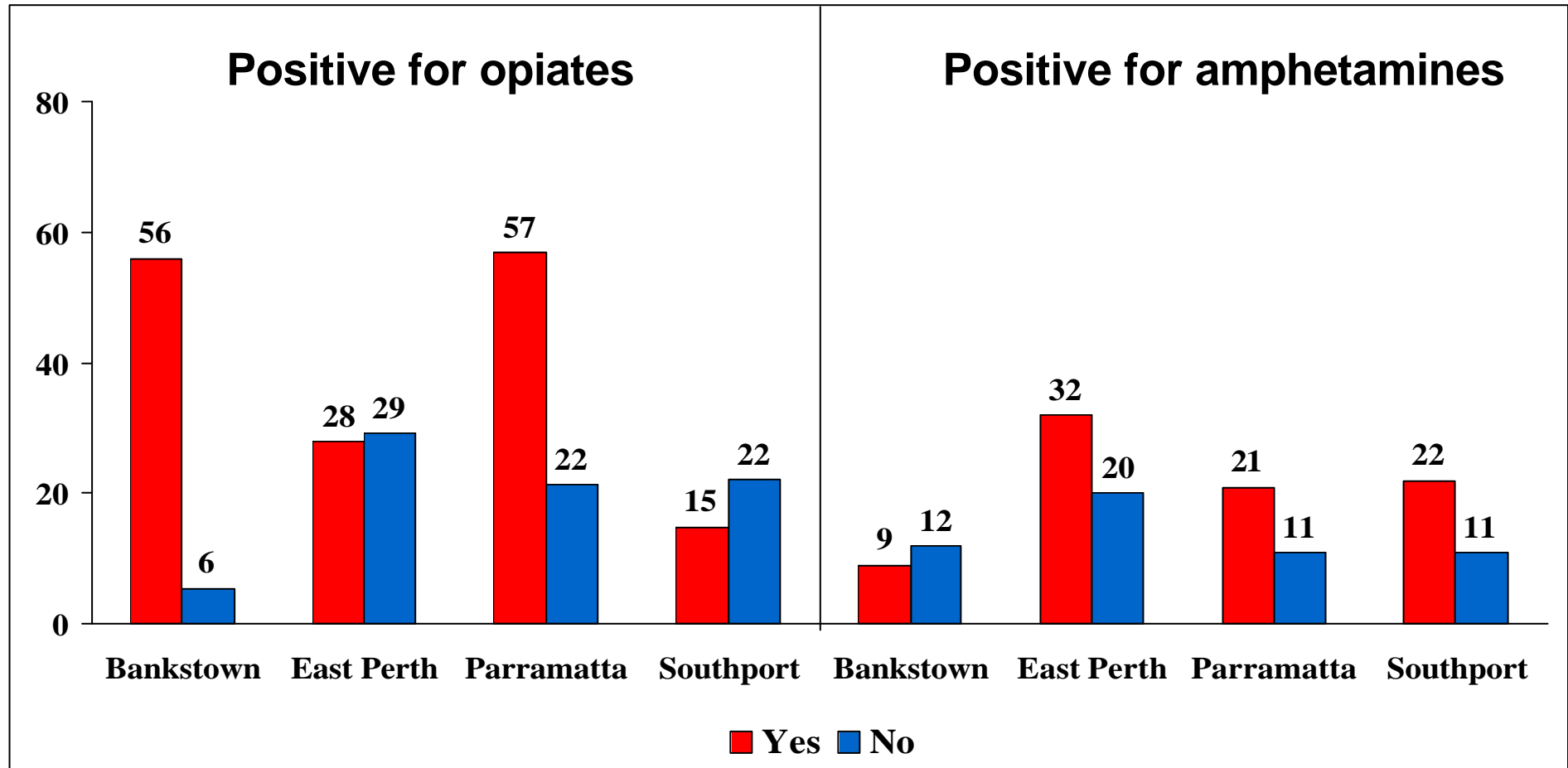
Income from property crime in past 30 days, adult male detainees



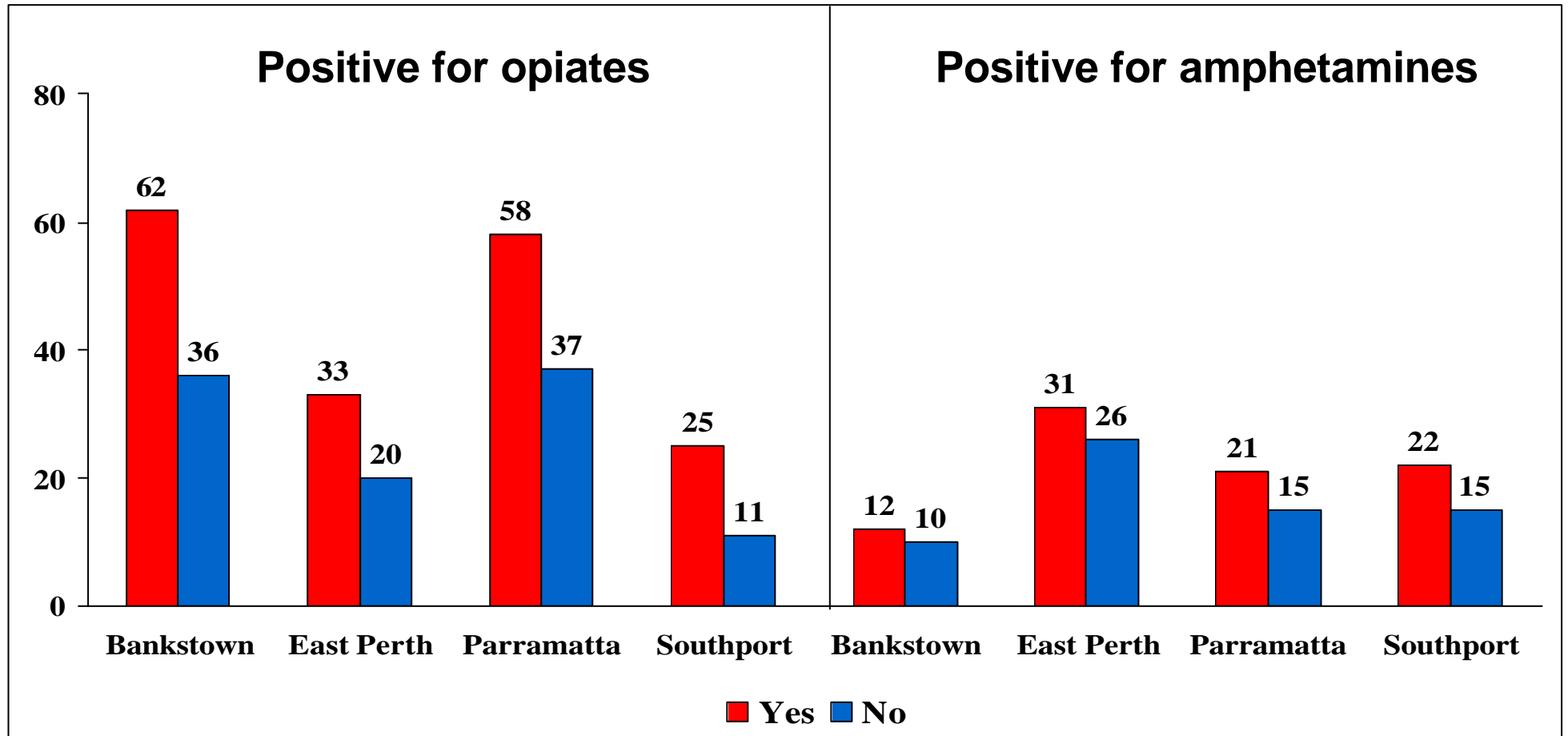
Report ever selling drugs, adult male detainees



Report being arrested past 12 months, adult male detainees



Report being in prison past 12 months, adult male detainees



Alcohol use at time of arrest and recent illicit drug use

	(%)	Of those who had been drinking, % testing positive				
	Drinking at arrest	Cann	Opiates	Amphets	Benzos	Multiple
1999	37	62	7	11	13	19
2000	24	53	9	16	14	24

Source: AIC, DUMA Collection 1999, 2000 [Computer File]