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Drug use monitoring in Australia: Drug use among police detainees, 2018

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Australian Institute of Criminology

Drug use monitoring in Australia: Drug use among police detainees, 2018

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Neither the external collectors nor the police services bear any responsibility for the analyses or interpretations presented in this report.

Acronyms and abbreviations

AIC Australian Institute of Criminology

DUI driving under the influence of alcohol and/or illicit drugs

DUMA Drug Use Monitoring in Australia

MDA 3,4-methylenedioxyamphetamine

MDMA 3,4-methylenedioxymethamphetamine

MSO most serious offence (category)

TAFE technical and further education

Abstract

Established in 1999, the Drug Use Monitoring in Australia (DUMA) program is funded by the Australian Government and is the nation's longest-running ongoing survey of police detainees across the country. DUMA comprises two core components: a self-report survey on drug use, criminal justice history and demographic information; and voluntary urinalysis, which provides an objective measure for corroborating reported recent drug use.

This report describes drug use, drug market participation and the extent to which detainees' alleged offences were related to drug or alcohol use. Data were collected between January and December 2018 at five sites: Adelaide, Brisbane, Perth, Bankstown and Surry Hills. Since police detainees are more likely than the general population to have been in recent contact with the illicit drug market, understanding their drug use and offending habits is valuable in the formulation of policy and programs.



Drug Use Monitoring in Australia program

Established in 1999 by the Australian Government, the Australian Institute of Criminology's Drug Use Monitoring in Australia (DUMA) program collects drug use and criminal justice information from police detainees at watch houses and police stations across Australia. The DUMA program is the only Australian survey of police detainees conducted on a routine basis. Assessing the drug use and offending habits of detainees is valuable in the formulation of policy and programs as this population is more likely than the general community or incarcerated offenders to have had recent and close contact with the illicit drug market. The DUMA program also provides a more accurate representation of the extent and nature of drug use in Australia compared with drug arrest and seizure data. For detailed information on the program, see the Technical appendix.

Box 1: Summary of DUMA detainees

In 2018, 2,418 adult detainees participated in the DUMA program. Detainees were interviewed at five sites—Adelaide, Brisbane, Perth and Bankstown and Surry Hills in Sydney.

Eighty-two percent (n=1,981) of detainees were male and 18 percent (n=437) were female (Table A1). The average age of detainees was 34 years (range=18–77; see Table A2). One-quarter of the sample (25%, n=612) identified as Aboriginal, Torres Strait Islander or both (Table A3). Twenty-two percent (n=443) of male detainees identified as Aboriginal, Torres Strait Islander or both compared with 39 percent (n=169) of female detainees.

An average of three criminal charges was recorded against each detainee. Thirty-five percent (n=814) of detainees had a violent offence as their most serious offence, followed by 25 percent (n=588) with a property offence and 21 percent (n=493) with a breach offence. Forty-seven percent (n=1,023) of detainees reported that they had been charged on another occasion in the 12 months before their current period of detention.

Forty-two percent (n=1,012) of the 2,418 detainees interviewed were eligible to provide a urine sample. Of these, 87 percent (n=874) agreed to provide a sample.

For other information on detainee profile and criminal justice contact, see the appendix tables.

a: To be eligible for urinalysis, detainees must complete the interview within 48 hours of arrest Source: AIC DUMA collection 1999–2018 [computer file]

Data collection

Data are collected quarterly using two methods—an interviewer-administered questionnaire and urinalysis.

The questionnaire

Trained interviewers, independent from the police, administer the questionnaire to detainees. The questionnaire consists of the core questionnaire and quarterly addenda. The core questionnaire collects demographic data, details of past contact with the criminal justice system, and information on drug and alcohol use. It also contains questions about the extent to which the detainees' alleged offences were drug or alcohol related. Charge information is obtained from police charge records.

Quarterly addenda are developed in consultation with Commonwealth and state and territory agencies to collect information on emerging issues of policy relevance. In 2018 quarterly addenda were used to collect information on pharmaceutical opioid use (quarters 1 and 2), mobile communications and drug crime (quarter 3) and the amphetamine-type stimulants market (quarter 4).

Urinalysis

Urinalysis provides an objective measure of the prevalence of drug use among detainees within a specified period of time while also allowing for comparisons across time. It also acts as a countermeasure to the under-reporting of drug use identified in other studies. Urine samples are collected in selected quarters and only from detainees who have been in custody for less than 48 hours. These urine samples are tested for five classes of drug: amphetamines, benzodiazepines, cannabis, cocaine and opioids.

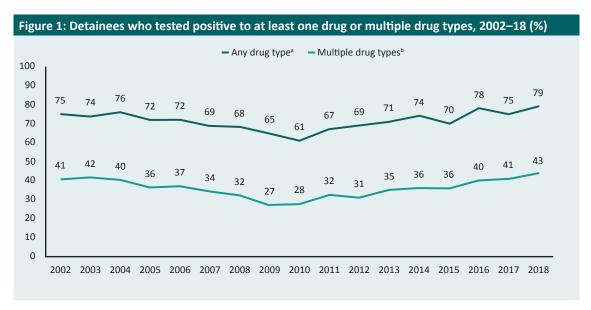
In 2018 urine samples were collected from detainees in quarter 1 (all sites), quarter 3 (Adelaide, Brisbane and Perth) and quarter 4 (Bankstown).

Drug and alcohol use

Seventy-nine percent (n=690) of detainees who provided a urine sample for analysis tested positive to at least one type of drug and 43 percent (n=377) tested positive to more than one drug type (see Table B1). The test positive rate for any drug among detainees at each site was similar to the national rate, except for the Bankstown site, where 62 percent (n=36) of detainees tested positive to any drug (see Table B2). Compared to the national sample, the rate of test positives for multiple drugs was lower for detainees at the Adelaide site (36%, n=70) and the Bankstown site (38%, n=22; see Table B2), and higher for detainees at the Surry Hills site (52%, n=28).

Female detainees were more likely to test positive to multiple drug types (56%, n=72) compared with male detainees (41%, n=305; see Table B1), as were Indigenous detainees (55%, n=122) compared with non-Indigenous detainees (39%, n=254; see Table B3). Detainees aged 18 to 20 years had the highest test positive rates for multiple drugs (56%, n=39; see Table B4).

Figure 1 shows drug use trends for four long-term DUMA sites—Adelaide, Bankstown, Brisbane and Perth (see Table B5). These data exclude Surry Hills and hence 2018 percentages may differ from those presented elsewhere in the report. The proportion of detainees testing positive to any drug in 2018 is the largest recorded since 2002, following an upward trend that began in 2010. The proportion of detainees having used multiple drug types also increased, from 27 percent (n=513) in 2009 to 43 percent (n=349) in 2018 (see Figure 1).



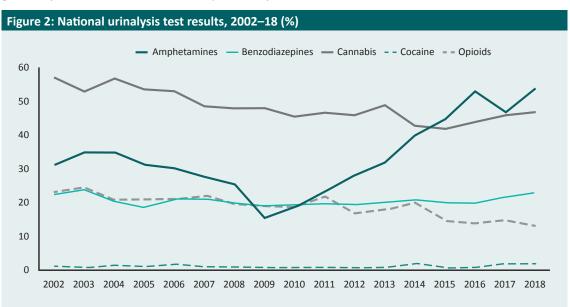
a: Detainees who tested positive to at least one drug including: amphetamines (methamphetamine, MDMA, MDA or other amphetamines), benzodiazepines, cannabis, cocaine or opioids (heroin, buprenorphine, methadone or other opioids)

b: Detainees who tested positive to two or more classes of drug: amphetamines, benzodiazepines, cannabis, cocaine or opioids. Detainees who tested positive to multiple types of amphetamines or opioids were not classified as multiple drug users unless they also tested positive to another drug of a different class

Note: Includes four DUMA sites—Adelaide, Bankstown, Brisbane and Perth

Source: AIC DUMA collection 2002–18 [computer file]; see Table B5

Changes in detainee drug use have also varied by drug type (see Figure 2). Except for a brief decrease in 2017, amphetamine use has risen over the past decade, surpassing cannabis use in 2015. The increase in the proportion of detainees testing positive to amphetamines is driven by an increase in methamphetamine use. There has been a sustained, steady decrease in opioid use over the past two decades. The rates of cannabis, cocaine and benzodiazepine use have generally remained stable over the past five years.



Note: Includes four DUMA sites—Adelaide, Bankstown, Brisbane and Perth Source: AIC DUMA collection 2008–18 [computer file]; see Table B7

Amphetamines

Fifty-four percent (n=470) of detainees tested positive for amphetamines in 2018 (see Table B1). Methamphetamine contributed 96 percent (n=451) of all amphetamine test positives, whereas three percent of test positives were for MDMA (n=12), two percent for MDA (n=11) and four percent for other amphetamines (n=17). Overall, 52 percent of detainees tested positive to methamphetamine in 2018 (see Table B1). The test positive rate for methamphetamine remained higher than that of cannabis.

Test positive rates for methamphetamine varied by site, from 31 percent in Bankstown (n=18) to 62 percent in Perth (n=158; see Figure 3). A larger proportion of female detainees (64%, n=82) compared with male detainees (50%, n=369) tested positive to methamphetamine (see Table B1) as did Indigenous detainees (60%, n=134) compared with non-Indigenous detainees (49%, n=315; see Table B3).

Cannabis

Forty-seven percent (n=413) of detainees tested positive to cannabis, with rates ranging from 41 percent in Bankstown (n=24) and Adelaide (n=79) to 55 percent in Perth (n=140). Although there was a slight increase in cannabis use between 2017 and 2018 across all sites except Adelaide, use has generally remained stable over the past decade (from 48% in 2009; see Table B7). Positive tests for cannabis were more common among Indigenous detainees (63%, n=141) than non-Indigenous detainees (42%, n=271; see Table B3).

Opioids

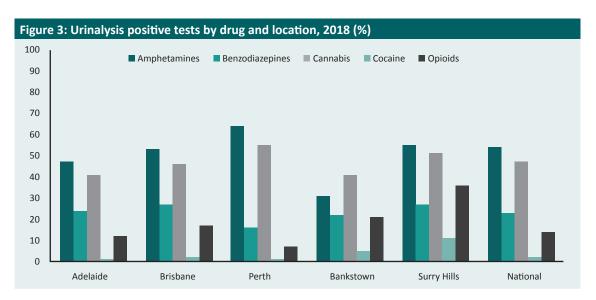
Fourteen percent of detainees (n=125) tested positive to heroin, methadone, buprenorphine or other opioids (including prescription opioids). In 2018, buprenorphine was the main opioid used (46%, n=58) followed by heroin (37%, n=46). The proportion testing positive to opioids ranged from seven percent in Perth (n=17) to 37 percent in Surry Hills (n=20).

Benzodiazepines

Around a fifth of detainees tested positive to benzodiazepines (23%; n=201). Thirty percent of female detainees (n=39) tested positive to benzodiazepines, compared with 22 percent (n=162) of male detainees. The proportion of detainees testing positive to benzodiazepines has remained stable over the past decade.

Cocaine

Two percent (n=21) of detainees tested positive to cocaine in 2018. Although this national rate has been consistent since 2002, positive tests for cocaine in Surry Hills increased from three percent (n=2) in 2017 to 11 percent (n=6) in 2018.



Source: AIC DUMA collection 2018 [computer file]; see Table B2

Box 2: Types of cannabis, heroin, methamphetamine and ecstasy used, 2018

Most cannabis users reported using hydro cannabis (79%, n=773), followed by bush cannabis (17%, n=167). Less than five percent of users reported having used hash (1%, n=5), hash oil (1%, n=6) or other types of cannabis (3%, n=23). These findings are consistent with 2017 statistics.

Heroin was most often consumed as white rock (32%, n=49) or white powder (31%, n=48). The use of white rock increased from 23 percent (n=38) in 2017. Fewer detainees consumed brown rock (16%; n=24), brown powder (10%, n=15) or other types of heroin (12%, n=18) such as beige powder and grey rock.

A vast majority of methamphetamine users (90%; n=953) reported using crystal methamphetamine (referred to as ice) on their last occasion of use. Fewer respondents reported using powder (3%, n=32), liquid (1%, n=14), or other types of methamphetamine (5%, n=54).

Approximately half of ecstasy users consumed it as a tablet (52%, n=59). The use of other forms of ecstasy, particularly crystal or rock ecstasy (32%, n=37), has increased substantially since 2017 (14%, n=19). Few users reported using powder (14%, n=16) or liquid forms (2%, n=2).

Reported alcohol use

One-third (32%, *n*=771) of detainees reported having consumed alcohol in the 48 hours before their detention. Both female and male detainees typically consumed a median of 11 (mean=19) total standard drinks before their arrest, at a median rate of three standard drinks (mean=5) per hour (Table B13). Alcohol consumption was particularly heavy among detainees who consumed multiple types of alcohol. Of these, male detainees consumed 22 standard drinks (median) and female detainees consumed 17 standard drinks (median) before their arrest.

Drug market indicators

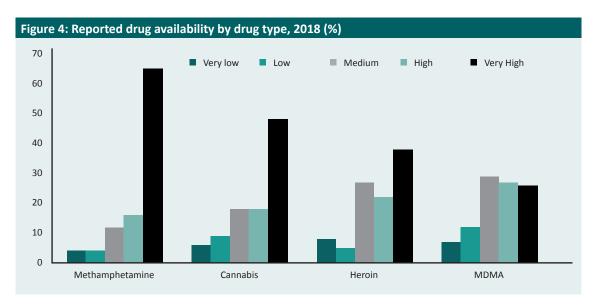
Detainees were asked about the availability, quality, price and method of supply of each drug they had consumed in the 30 days before detention. Availability was rated on a scale from one (extremely hard or impossible to get) to 10 (readily available or overabundant). Quality was rated on a scale from one (extremely poor quality or purity) to 10 (excellent quality or purity). The availability scale and quality scale are reported here as very low (ratings of 1–2), low (ratings of 3–4), medium (ratings of 5–6), high (ratings of 7–8), or very high (ratings of 9–10).

Detainees were asked:

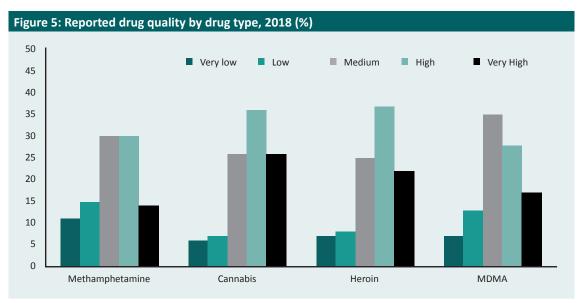
- whether the availability, quality and average price of each drug recently used had increased, decreased, or remained stable compared with three months prior;
- · whether the number of dealers in the market had changed in the last three months; and
- to estimate how much of the drugs they had obtained in the past month were sold, shared or given away.

Methamphetamine

Trends in quality and availability suggest an upturn in the methamphetamine market, which corresponds with the continued rise in methamphetamine use observed (see Figures 4 and 5). Methamphetamine is reportedly the most widely available drug, with two-thirds of detainees (65%, n=682) rating availability as very high. Half of detainees (53%, n=470) reported an increase in the number of dealers selling methamphetamine, and quality was reported as medium to high (according to 60% of detainees, n=620). Most detainees reported stability in the availability (70%, n=698) and purity (60%, n=568) of methamphetamine over the past three months, and the average price was described as being stable (55%, n=550) or becoming less expensive (27%, n=264). Methamphetamine users often supply to each other, as 59 percent (n=638) reported they had shared at least some of the drug with others in the past 30 days.



Source: AIC DUMA collection 2002–18 [computer file]



Source: AIC DUMA collection 2002–18 [computer file]

Cannabis

The cannabis market is generally strong and stable, corresponding with the consistently high rates of use observed over the past five years (Patterson, Sullivan & Bricknell 2019). Cannabis was very readily accessible (albeit less so than methamphetamine), with half of detainees reporting availability as very high (48%, n=520). The potency of cannabis was similarly ranked—62 percent (n=658) of detainees indicated cannabis quality was very high or high. Detainees typically reported no change in availability (66%, n=658), price (79%, n=793), quality (65%, n=625), or the number of dealers (50%, n=432) over the prior three months. As seen with methamphetamine, there were high rates of supply among cannabis users, with over half recently sharing some (21%, n=242), half (19%, n=217) or most (16%, n=183) of their cannabis with other people.

Heroin

The heroin market is as stable as the cannabis market (albeit smaller, with fewer users), and heroin was consistently rated as high quality and readily accessible (see Figures 4 and 5). Most detainees who used heroin rated availability as very high or high (60%, n=93), and a comparable proportion of users indicated the purity of available heroin was very high or high (59%, n=89). Overall, detainees reported no recent change in the availability (64%, n=89) or average price (72%, n=105) of heroin or in the number of dealers supplying it (52%, n=66 reported no change in dealer numbers).

Ecstasy

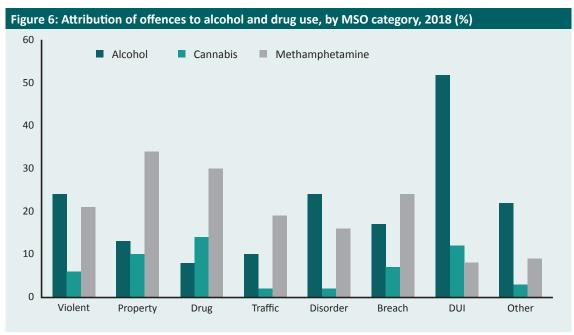
Ecstasy appears to be less accessible and poorer in purity compared to other drugs, as a greater proportion of detainees rated its availability (29%, n=30; see Figure 4) and quality (35%, n=38; see Figure 5) as medium. Detainees reported no change in the availability (79%, n=66), quality (61%, n=47) or price (60%, n=50) of ecstasy, or in the number of dealers (50%, n=38), over the past three months. It was less common for ecstasy to be shared among users compared to other drugs (28%, n=32 reported sharing the drug).

The ecstasy market in Adelaide appears to differ from the national market, in that Adelaide detainees were more likely to report very high availability (56%, n=9), very low quality (24%, n=4), and a recent increase in prices (36%, n=4). It is important to note that the detainee population interviewed for the DUMA program may not represent the broader population of ecstasy users in Australia, particularly with regard to age (Australian Institute of Health and Welfare 2018), so the national ecstasy market may be less volatile than the characterisation presented here.

Drug-crime attribution

In 2018, 44 percent (n=1,035) of detainees attributed their detention to either their illicit drug or alcohol use (see Table C1). Thirty percent (n=718) of detainees reported that illicit drug use was the reason they had been detained, compared with 18 percent (n=426) for alcohol use. The proportion of detainees attributing their detention to drug use has increased by 12 percentage points over the past six years from 18 percent in 2013 (n=573); in contrast, the proportion attributing their detention to alcohol has decreased from 25 percent (n=284) in 2013 (Patterson et al. 2018).

Detainees whose most serious offence (MSO) was driving under the influence of alcohol or illicit drugs (DUI) were more likely to attribute their offending to alcohol consumption than illicit drug use (see Figure 6; Table C1). Detainees were as likely to attribute violent MSOs to illicit drug use as alcohol use. Detainees whose MSO was drug-related, property-related or traffic-related were more likely to attribute their MSO to illicit drug use (particularly methamphetamine use) than to alcohol use. Few detainees attributed their arrest to the use of cannabis, heroin or ecstasy (see Table C7). Cannabis use mainly contributed to offences relating to the criminalisation of the drug (ie drug possession offences).



Note: The proportions of detainees who attributed their offending to heroin or MDMA (5% or less for each) are not displayed Source: AIC DUMA collection 2002–18 [computer file]

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Appendix A: Demographics of DUMA detainees

Table A1: National sample b	y age and gend	ler, 2018						
	Male		Fem	nale	То	Total		
Age	n	%	n	%	n	%		
18–20	144	7	41	9	185	8		
21–25	299	15	91	21	390	16		
26–30	336	17	87	20	423	17		
31–35	362	18	82	19	444	18		
36+	840	42	136	31	976	40		
Total	1,981	82	437	18	2,418			
Min/max age		18/77		18/71		18/77		
Mean age (median)		34 (33)		32 (30)		34 (33)		

Note: Sample size may vary as cases were excluded due to missing data. Percentages may not total 100 due to rounding Source: AIC DUMA collection 2018 [computer file]

Table A2: National s	ample by	age an	d locatior	ı, 2018						
	Adela	ide	Brisba	ane	Pei	rth	Banks	town	Surry Hills	
Age	n	%	n	%	n	%	n	%	n	%
18–20	41	7	55	7	66	8	16	11	7	5
21–25	94	17	116	15	133	17	23	15	24	17
26–30	83	15	134	17	167	21	17	11	22	16
31–35	98	17	160	21	138	17	24	16	24	17
36+	247	44	303	39	295	37	69	46	62	45
Total	563		768		799		149		139	
Min/max age		18/74		18/75		18/77		18/73		18/60
Mean age (median)		35 (34)		34 (33)		33 (32)		35 (35)		35 (34)

Note: Sample size may vary as cases were excluded due to missing data. Percentages may not total 100 due to rounding Source: AIC DUMA collection 2018 [computer file]

Table A3: National sample by In	digenous status	and gen	der, 2018				
	Male		Female	:	Total		
	n	%	n	%	n	%	
Indigenous	443	22	169	39	612	25	
Non-Indigenous	1532	78	266	61	1798	75	
Total	1,975		435		2,410		

Note: Sample size may vary as cases were excluded due to missing data. Percentages may not total 100 due to rounding Source: AIC DUMA collection 2018 [computer file]

Table A4: National s	ample by	Indige	nous statu	s and I	ocation, 2	018				
	Adelai	Adelaide Brisbane			Perth		Bankstown		Surry Hills	
	n	%	n	%	n	%	n	%	n	%
Indigenous	121	22	143	19	306	38	13	9	29	21
Non-Indigenous	441	78	624	81	489	62	134	91	110	79
Total	562		767		795		147		139	

Note: Sample size may vary as cases were excluded due to missing data. Percentages may not total 100 due to rounding Source: AIC DUMA collection 2018 [computer file]

Table A5: National sample by education	and gender, 2	018				
	Male		Female		Total	
	n	%	n	%	n	%
Year 10 or less	700	35	163	37	863	36
Year 11 or 12	366	19	80	18	446	19
TAFE/university not completed	239	12	57	13	296	12
Completed TAFE	547	28	115	26	662	27
Completed university	121	6	21	5	142	6
Total	1,973		436		2,409	

Note: Sample size may vary as cases were excluded due to missing data. Percentages may not total 100 due to rounding Source: AIC DUMA collection 2018 [computer file]

Table A6: Highest education level	completed by detain	ees by year, 2	008–18	
	Secondary edu	cation ^a	Tertiary e	ducation ^b
	n	%	n	%
2008	1,551	62	931	38
2009	1,637	68	788	32
2010	1,435	63	852	37
2011	1,374	61	884	39
2012	1,385	59	954	41
2013	630	60	426	40
2014	1,355	61	859	39
2015	1,229	57	910	43
2016	1,162	56	912	44
2017	1,170	56	977	46
2018	1,237	55	1,020	45

a: Includes detainees who reported completing either 'Year 10 or less' or 'Year 11 or 12'

b: Includes detainees who reported starting or completing TAFE or university

Note: Includes four DUMA sites—Adelaide, Bankstown, Brisbane and Perth. Excludes data where detainees reported they never went to school or were still at school. Sample size may vary as cases were excluded due to missing data. Percentages may not total 100 due to rounding

Source: AIC DUMA collection 2008–18 [computer file]

Table A7: National DUMA sample by housing	g and gende	, 2018				
	Male		Fem	nale	Total	
	n	%	n	%	n	%
Owned or rented by self	440	45	74	36	514	43
Someone else's place	364	37	92	44	456	38
Shelter or emergency	7	1	2	1	9	1
Incarceration facility/halfway house	11	1	3	1	14	1
Treatment facility	2	0	4	2	6	1
No fixed residence	125	13	27	13	152	13
Other	36	4	5	2	41	3
Total	985		207		1,192	

Note: Sample size may vary as cases were excluded due to missing data. Percentages may not total 100 due to rounding Source: AIC DUMA collection 2008–18 [computer file]

Table A8: National DUMA sample by em	ployment sta	tus and	gender, 2018			
	Male		Female	:	Total	
	n	%	n	%	n	%
Full-time	445	22	26	6	471	20
Part-time	220	11	22	5	242	10
Employed but not currently working ^a	231	12	41	9	272	11
Looking for work	635	32	148	34	783	32
Not looking for work	384	19	149	34	533	22
Full-time homemaker	28	1	38	9	66	3
Studying	20	1	7	2	27	1
Retired	16	1	4	1	20	1
Total	1,979		435		2,414	

a: Due to illness, leave, strike, disability or seasonal work

Note: Sample size may vary as cases were excluded due to missing data. Percentages may not total 100 due to rounding Source: AIC DUMA collection 2008–18 [computer file]

Table A9: Employment status of d	etainees, 2008–18			
	Employed ^a		Unemp	loyed ^b
	n	%	n	%
2008	1,065	52	970	48
2009	968	48	1,046	52
2010	855	46	986	54
2011	812	45	1,003	55
2012	868	45	1,063	55
2013	336	38	555	62
2014	741	40	1,129	60
2015	664	37	1,114	63
2016	582	34	1,144	66
2017	638	35	1,161	65
2018	659	34	1,264	66

a: Includes detainees who reported they were working either full- or part-time at time of interview

Note: Includes four DUMA sites—Adelaide, Bankstown, Brisbane and Perth. Excludes detainees who reported they were not working due to illness, leave, strike, disability or the seasonal nature of their work; full-time students or homemakers; or retired. Sample size may vary as cases were excluded due to missing data

b: Includes detainees who reported they were unemployed and looking for a job or unemployed and not looking for a job at time of interview

Appendix B: Drug and alcohol use

	Male		Femal	e	Total	
Positive test results	n	%	n	%	n	%
Cannabis	345	46	68	53	413	47
Cocaine	19	3	2	2	21	2
Amphetamines ^a	384	52	86	67	470	54
Methamphetamine	369	50	82	64	451	52
MDMA	12	2	0	0	12	1
MDA	11	1	0	0	11	1
Other amphetamines	13	2	4	3	17	2
Opioids ^b	104	14	21	16	125	14
Heroin	37	5	9	7	46	5
Methadone	32	4	3	2	35	4
Buprenorphine	49	7	9	7	58	7
Other opioids	33	4	8	6	41	5
Benzodiazepines	162	22	39	30	201	23
Any drug	579	78	110	85	689	79
Any drug other than cannabis	475	64	100	78	575	66
Multiple drugs	305	41	72	56	377	43
Total ^c	745		129		874	

a: Includes methamphetamine, MDMA, MDA and other amphetamines

Note: Sample size may vary as cases were excluded due to missing data

b: Includes heroin, methadone, buprenorphine and other opioids

c: Base is total number of detainees who provided a urine sample

	Adela	ide	Brisba	ine	Pert	h	Bankst	own	Surry H	lills
Positive test results	n	%	n	%	n	%	n	%	n	%
Cannabis	79	41	143	46	140	55	24	41	27	50
Cocaine	2	1	7	2	3	1	3	5	6	11
Amphetamines ^a	91	47	168	53	163	64	18	31	30	56
Methamphetamine	87	45	160	51	158	62	18	31	28	52
MDMA	2	1	4	1	3	1	1	2	2	4
MDA	1	1	3	1	4	2	1	2	2	4
Other amphetamines	4	2	8	3	5	2	0	0	0	0
Opioids ^b	24	12	52	17	17	7	12	21	20	37
Heroin	9	5	10	3	7	3	6	10	14	26
Methadone	5	3	7	2	4	2	9	16	10	19
Buprenorphine	11	6	31	10	7	3	4	7	5	9
Other opioids	8	4	26	8	4	2	1	2	2	4
Benzodiazepines	47	24	84	27	42	16	13	22	15	28
Any drug	145	76	253	81	211	82	36	62	44	81
Any drug other than cannabis	116	60	213	68	178	70	29	50	39	72
Multiple drugs	70	36	135	43	122	48	22	38	28	52
Total ^c	192		314		256		58		54	

a: Includes methamphetamine, MDMA, MDA and other amphetamines

b: Includes heroin, methadone, buprenorphine and other opioids

c: Base is total number of detainees who provided a urine sample

Table B3: National DUMA sa	imple by urinaly	sis test re	sults and Inc	digenous sta	tus, 2018	
	Indigeno	us	Non-Ind	igenous	To	tal
Positive test results	n	%	n	%	n	%
Cannabis	141	63	271	42	412	47
Cocaine	2	1	19	3	21	2
Amphetamines ^a	137	61	331	51	468	54
Methamphetamine	134	60	315	49	449	52
MDMA	3	1	9	1	12	1
MDA	4	2	7	1	11	1
Other amphetamines	3	1	14	2	17	2
Opioids ^b	29	13	96	15	125	14
Heroin	11	5	35	5	46	5
Methadone	7	3	28	4	35	4
Buprenorphine	16	7	42	6	58	7
Other opioids	10	4	31	5	41	5
Benzodiazepines	45	20	156	24	201	23
Any drug	190	85	497	77	687	79
Any drug other than cannabis	153	69	420	65	573	66
Multiple drugs	122	55	254	39	376	43
Total ^c	223		648		871	

a: Includes methamphetamine, MDMA, MDA and other amphetamines

b: Includes heroin, methadone, buprenorphine and other opioids

c: Base is total number of detainees who provided a urine sample

	18-	20	21-	25	26–	30	31-	25 _	36		Tot	al _
	10-		21-		20-		31-		30		101	
Positive test results	n	%	n	%	n	%	n	%	n	%	n	%
Cannabis	51	73	77	54	83	53	61	38	141	41	413	47
Cocaine	2	3	4	3	7	4	4	2	4	1	21	2
Amphetamines ^a	32	46	61	43	98	62	81	50	198	58	470	54
Methamphetamine	31	44	56	39	96	61	81	50	187	55	451	52
MDMA	0	0	5	3	4	3	1	1	2	1	12	1
MDA	0	0	5	3	2	1	2	1	2	1	11	1
Other amphetamines	1	1	3	2	2	1	0	0	11	3	17	2
Opioids ^b	8	11	17	12	10	6	22	14	68	20	125	14
Heroin	3	4	7	5	5	3	8	5	23	7	46	5
Methadone	0	0	5	3	2	1	8	5	20	6	35	4
Buprenorphine	3	4	7	5	4	3	11	7	33	10	58	7
Other opioids	3	4	6	4	3	2	9	6	20	6	41	5
Benzodiazepines	16	23	32	22	34	22	29	18	90	26	201	23
Any drug	60	86	105	73	135	85	121	75	268	78	689	79
Any drug other than cannabis	45	64	79	55	111	70	103	64	237	69	575	66
Multiple drugs	39	56	62	43	71	45	52	32	153	45	377	43
Total ^c	70		143		158		161		342		874	

a: Includes methamphetamine, MDMA, MDA and other amphetamines

b: Includes heroin, methadone, buprenorphine and other opioids $% \left(1\right) =\left(1\right) \left(1$

c: Base is total number of detainees who provided a urine sample

Table B5: Detainees who tested positive to any drug type or multiple drug types, 2002–18												
	Any drug type	a	Multiple drug typ	oes ^b								
	n	%	n	%								
2002	1,379	75	752	41								
2003	1,424	74	805	42								
2004	1,491	76	791	40								
2005	1,360	72	690	36								
2006	1,419	72	728	37								
2007	1,226	69	608	34								
2008	1,266	68	596	32								
2009	1,227	65	513	27								
2010	1,121	61	484	28								
2011	1,217	67	588	32								
2012	619	69	277	31								
2013	502	71	247	35								
2014	539	74	263	36								
2015	481	70	247	36								
2016	817	78	422	40								
2017	578	75	320	41								
2018	645	79	349	43								

a: Detainees who tested positive to at least one drug including amphetamines (methamphetamine, MDMA, MDA or other amphetamines), benzodiazepines, cannabis, cocaine or opioids (heroin, buprenorphine, methadone or other opioids)

 ${\tt Note: Includes \ four \ DUMA \ sites-Adelaide, \ Bankstown, \ Brisbane \ and \ Perth}$

b: Detainees who tested positive to two or more classes of drug: amphetamines, benzodiazepines, cannabis, cocaine or opioids. Detainees who tested positive to multiple types of amphetamines or opioids were not classified as multiple drug users unless they also tested positive to another drug of a different class

Table B6: Methampheta	mine use among police detainee			
	Urinalysis test pos	itives	Reported use in last 4	48 hours ^a
	n	%	n	%
2002	526	29	448	20
2003	615	32	439	19
2004	618	32	482	20
2005	525	28	448	19
2006	535	27	441	18
2007	464	26	371	17
2008	441	24	362	15
2009	254	13	219	9
2010	304	17	228	10
2011	411	23	299	13
2012	237	27	308	13
2013	213	30	177	17
2014	259	35	400	18
2015	291	43	465	22
2016	530	51	489	23
2017	355	46	477	22
2018	423	52	606	27

a: Report rates were calculated as a percentage of all detainees interviewed that year Note: Includes four DUMA sites—Adelaide, Bankstown, Brisbane and Perth

Table B7: National DUMA sample by urinalysis test results, 2002–18													
	Amphetar	nines	Benzodiaz	epines	Canna	bis	Cocaiı	ne	Opioi	ds			
	n	%	n	%	n	%	n	%	n	%			
2002	578	31	417	23	1,051	57	26	1	429	23			
2003	675	35	463	24	1,024	53	8	<1	474	25			
2004	686	35	404	21	1,112	57	29	1	413	21			
2005	593	31	355	19	1,019	54	21	1	400	21			
2006	595	30	412	21	1,045	53	34	2	414	21			
2007	493	28	378	21	868	49	20	1	393	22			
2008	474	26	374	20	892	48	21	1	369	20			
2009	292	15	362	19	907	48	18	1	362	19			
2010	326	19	341	19	799	46	8	<1	329	19			
2011	427	24	361	20	849	47	16	1	398	22			
2012	251	28	176	20	412	46	8	1	151	17			
2013	224	32	145	20	350	49	4	1	126	18			
2014	292	40	154	21	312	43	17	2	147	20			
2015	308	45	137	20	285	42	3	<1	104	15			
2016	555	53	210	20	464	44	8	1	143	14			
2017	365	47	162	21	357	46	14	2	118	15			
2018	440	54	186	23	386	47	15	2	105	13			

Note: Includes four DUMA sites—Adelaide, Bankstown, Brisbane and Perth

Table I	Table B8: Adelaide DUMA sample by urinalysis test results, 2002–18												
	Any	,	Ampheta	mines	Benzodiaz	epines	Canna	bis	Cocai	ne	Opio	ids	
	n	%	n	%	n	%	n	%	n	%	n	%	
2002	280	76	138	38	93	25	227	62	1	<1	81	22	
2003	372	79	184	39	131	28	270	57	2	<1	117	25	
2004	416	82	197	39	112	22	320	63	6	1	106	21	
2005	382	80	197	41	115	24	298	62	4	1	108	23	
2006	376	79	171	36	107	23	286	60	4	1	91	19	
2007	286	69	116	28	99	24	215	52	0	0	96	23	
2008	273	70	108	28	96	25	195	50	4	1	90	23	
2009	192	59	53	16	57	17	142	43	2	1	57	17	
2010	212	59	50	14	64	18	144	40	2	1	68	19	
2011	196	66	67	22	67	22	130	43	4	1	66	22	
2012	99	65	38	25	32	21	64	42	1	1	20	13	
2013	83	69	31	26	25	21	55	45	1	1	19	16	
2014	86	68	35	28	20	16	53	42	2	2	20	16	
2015	79	68	40	34	19	16	48	41	0	0	12	10	
2016	139	70	91	46	39	20	86	43	2	1	23	12	
2017	128	72	65	36	37	21	85	47	6	3	27	15	
2018	145	76	91	47	47	24	79	41	2	1	24	12	

Note: Data were not collected at this site in quarters 2 or 4 2012, quarters 1 or 2 2013, quarter 4 2015, quarter 4 2016, or quarters 2 or 4 2017

Table	Table B9: Brisbane DUMA sample by urinalysis test results, 2002–18												
	Any	/	Amphetam	ines	Benzodiaze	pines	Canna	abis	Coca	ine	Opio	ids	
	n	%	n	%	n	%	n	%	n	%	n	%	
2002	449	73	170	28	146	24	327	54	0	0	147	24	
2003	493	72	223	32	163	24	363	53	3	<1	171	25	
2004	521	76	250	37	142	21	367	54	5	1	154	23	
2005	512	70	199	27	131	18	376	52	3	<1	155	21	
2006	549	69	219	28	185	23	390	49	9	1	185	23	
2007	553	70	211	27	175	22	383	48	5	1	201	25	
2008	537	68	184	23	176	22	356	45	5	1	171	22	
2009	453	65	95	14	156	22	328	47	2	<1	153	22	
2010	400	65	137	22	140	23	265	43	4	1	141	23	
2011	438	68	156	24	152	23	289	45	4	1	179	28	
2012	240	73	102	31	87	26	142	43	3	1	77	23	
2013	260	72	116	32	82	23	178	50	2	1	81	23	
2014	248	73	149	44	85	25	125	37	13	4	81	24	
2015	201	69	136	47	81	28	108	37	1	0	62	21	
2016	301	77	205	53	95	24	157	40	5	1	75	19	
2017	207	73	128	45	78	28	114	40	4	1	49	17	
2018	253	81	168	53	84	27	143	46	7	2	52	17	

Note: Data were not collected at this site in quarters 2 or 4 2012, quarters 1 or 2 2013, quarter 4 2015, quarter 4 2016, or quarters 2 or 4 2017

Table I	Table B10: Perth DUMA sample by urinalysis test results, 2002–18												
	An	У	Amphetan	nines	Benzodiaze	pines	Canna	abis	Coca	ine	Opio	ids	
	n	%	n	%	n	%	n	%	n	%	n	%	
2002	476	80	238	40	133	22	377	63	0	0	114	19	
2003	393	78	221	44	126	25	293	58	0	0	100	20	
2004	410	78	203	38	118	22	332	63	2	<1	78	15	
2005	340	76	158	35	76	17	276	62	0	0	73	16	
2006	344	79	158	36	78	18	262	60	0	0	76	17	
2007	269	76	125	35	68	19	183	52	3	1	56	16	
2008	349	75	164	35	74	16	266	57	2	<1	62	13	
2009	466	70	126	19	111	17	359	54	2	<1	106	16	
2010	391	70	115	21	103	18	308	55	0	0	80	14	
2011	439	72	169	28	103	17	334	55	1	<1	93	15	
2012	230	70	92	28	42	13	173	53	1	<1	34	10	
2013	144	74	68	35	31	16	109	56	1	1	23	12	
2014	205	78	108	41	49	19	134	51	2	1	46	18	
2015	187	74	124	49	36	14	124	49	1	<1	28	11	
2016	336	86	238	60	67	17	199	51	1	<1	36	9	
2017	217	82	160	60	39	15	146	55	0	0	32	12	
2018	211	82	163	64	42	16	140	55	3	1	17	7	

Note: Data were not collected at this site in quarters 2 or 4 2012, quarters 1 or 2 2013, quarter 4 2015, quarter 4 2016, or quarters 2 or 4 2017

Table	Table B11: Bankstown DUMA sample by urinalysis test results, 2002–18													
	Any	y	Amphetam	nines	Benzodiaz	epines	Canna	abis	Cocai	ne	Opioids			
	n	%	n	%	n	%	n	%	n	%	n	%		
2002	174	66	32	12	45	17	120	45	25	9	87	33		
2003	166	63	47	18	43	16	98	37	3	1	86	32		
2004	144	60	36	15	32	13	93	39	16	7	75	31		
2005	125	53	39	16	33	14	69	29	14	6	64	27		
2006	150	56	47	17	42	16	107	40	21	8	62	23		
2007	118	54	41	19	36	17	87	40	12	6	40	18		
2008	107	51	18	9	28	13	75	36	10	5	46	22		
2009	116	59	18	9	38	19	78	40	12	6	46	23		
2010	118	55	24	11	34	16	82	39	2	1	40	19		
2011	144	55	35	13	39	15	96	37	7	3	60	23		
2012	50	60	19	23	15	18	33	39	3	4	20	24		
2013	15	44	9	26	7	21	8	24	0	0	3	9		
2015	14	58	8	33	1	4	5	21	1	4	2	8		
2016	41	64	21	33	9	14	22	34	0	0	9	14		
2017	26	57	12	26	8	17	12	26	4	9	10	22		
2018	36	62	18	31	13	22	24	41	3	5	12	21		

Note: Data were not collected at this site in quarters 2 or 4 2012, quarters 1 or 2 2013, 2014, quarter 2015, quarter 4 2016, or quarters 2 or 4 2017

Source: AIC DUMA collection 2002–18 [computer file]

Table I	Table B12: Surry Hills DUMA sample by urinalysis test results, 2013–18														
	Any	/	Amphetam	ines	Benzodiaze	epines	Canna	abis	Cocaine		Opioids				
	n	%	n	%	n	%	n	%	n	%	n	%			
2013	15	75	12	60	4	20	5	25	2	10	7	35			
2014	14	64	6	27	7	32	10	45	0	0	7	32			
2015	27	84	18	56	14	44	12	38	2	6	15	47			
2016	102	76	76	56	29	21	70	52	7	5	55	41			
2017	49	82	29	48	21	35	27	45	2	3	21	35			
2018	45	82	30	56	15	28	27	50	6	11	20	37			

Note: Data collection began at Surry Hills in quarter 4 2013. Data were collected at this site in quarter 4 2013, quarter 1 2014, quarter 3 2015, quarters 1 and 3 2016, and quarter 1 2017

Table B13: National DUMA sample by reported alcohol use and gender, 2018											
	Ma	ale	Fen	nale	То	tal					
Alcohol use	n	%	n	%	n	%					
Past 48 hours ^a	666	34	105	24	771	32					
Past 30 days	1,200	61	199	46	1,399	58					
Alcohol type consumed on last dr	inking occas	sion ^b									
Beer only	137	25	3	3	140	22					
Cider only ^c	7	1	3	3	10	2					
Wine only	98	18	21	24	119	19					
Spirits only	151	27	44	50	195	30					
Multiple types	161	29	17	19	178	28					
Quantities consumed on last drinl	king occasio	n									
	n	mean (median)	n	mean (median)	n	mean (median)					
Total standard drinks											
Beer only	132	7 (4)	3	8 (5)	135	7 (4)					
Cider only	7	7 (4)	3	8 (4)	10	7 (4)					
Wine only	97	27 (16)	20	24 (16)	117	27 (16)					
Spirits only	42	11 (6)	147	15 (11)	189	14 (10)					
Multiple types	161	28 (22)	17	28 (17)	178	28 (22)					
Total	546	19 (11)	85	17 (11)	631	19 (11)					
Standard drinks per hour											
Beer only	130	2 (2)	3	1 (1)	133	2 (2)					
Cider only	7	3 (1)	3	3 (1)	10	3 (1)					
Wine only	94	8 (4)	19	6 (5)	113	7 (4)					
Spirits only	142	5 (3)	39	4 (2)	181	5 (3)					
Multiple types	161	5 (3)	15	6 (4)	176	5 (3)					
Total	615	5 (3)	79	5 (3)	615	5 (3)					

a: Only includes those who reported consuming alcohol in the past 30 days $\,$

b: Base is number of detainees who reported consuming alcohol type in the 24 hours before the incident for which they were detained c: From quarter 3 2017, detainees were asked if they had consumed cider in the 24 hours before the incident for which they were detained. Detainees interviewed in quarter 1 and quarter 2 2017 were excluded from the total

Table B14: National DUMA sample by reported alcohol use and location, 2018												
	A	delaide	Ві	risbane		Perth	Baı	nkstown	Su	rry Hills		
Alcohol use	n	%	n	%	n	%	n	%	n	%		
Past 48 hours ^a	191	34	222	29	278	35	28	19	52	38		
Past 30 days	331	59	475	62	452	57	55	37	86	62		
Alcohol type cor	nsume	d on last dr	inking	occasionb								
Beer only	23	15	49	23	53	24	6	27	9	22		
Cider only ^c	2	1	2	1	5	2	1	5	0	0		
Wine only	2	15	41	19	42	19	2	9	11	27		
Spirits only	49	33	67	31	67	31	4	18	8	20		
Multiple types	52	35	55	26	50	23	9	41	12	30		
Quantities cons	umed	on last drin	king o	ccasion								
	n	mean (median)	n	mean (median)	n	mean (median)	n	mean (median)	n	mean (median)		
Total standard d	rinks											
Beer only	22	5 (4)	48	8 (5)	50	7 (4)	6	9 (8)	9	3 (3)		
Cider only	2	8 (8)	2	4 (4)	5	7 (4)	1	8 (8)	_	_		
Wine only	23	23 (16)	40	34 (14)	41	25 (24)	2	15 (15)	11	18 (8)		
Spirits only	49	18 (11)	66	13 (11)	62	12 (6)	4	13 (14)	8	15 (10)		
Multiple types	52	30 (23)	55	34 (30)	50	25 (17)	9	16 (17)	12	25 (21)		
Total	147	21 (13)	212	21 (12)	209	16 (9)	23	13 (8)	40	16 (8)		
Standard drinks	per h	our										
Beer only	21	2 (1)	48	3 (2)	50	3 (2)	6	2 (2)	8	2 (2)		
Cider only	2	4 (4)	2	1 (1)	5	2 (1)	1	8 (8)	_	-		
Wine only	21	5 (4)	40	8 (5)	39	9 (4)	2	9 (9)	11	3 (3)		
Spirits only	46	5 (3)	65	4 (3)	58	5 (3)	4	23 (2)	8	2 (2)		
Multiple types	51	6 (4)	55	5 (4)	49	6 (3)	9	2 (2)	12	5 (3)		
Total	140	5 (3)	211	5 (3)	202	5 (2)	23	7 (2)	39	3 (2)		

a: Only includes those who reported consuming alcohol in the past 30 days $\,$

Note: Sample size may vary as cases were excluded due to missing data. Percentages may not total 100 due to rounding Source: AIC DUMA collection 2018 [computer file]

b: Base is number of detainees who reported consuming alcohol type in the 24 hours before the incident for which they were detained

c: From quarter 3 2017, detainees were asked if they had consumed cider in the 24 hours before the incident for which they were detained. Detainees interviewed in quarter 1 and quarter 2 2017 were excluded from the total

Appendix C: Drug-crime attribution

Table C1: National DUMA sample	by drug-	-crime	attribu	tions	and mos	st seri	ous offen	ice cat	egory, 2	018
	Viole	ent	Prope	erty	Dru	g	DUI	a	Traff	fic
Reported drug-crime attribution	n	%	n	%	n	%	n	%	n	%
Alcohol	198	24	74	13	16	8	13	52	8	10
Illicit drugs	207	25	242	41	84	42	4	16	19	24
Any attribution	354	43	294	50	94	47	16	64	26	33
Total detainees interviewed ^b	814		588		202		25		79	
	Disor	der	Brea	ch	Oth	er	Tota	þ		
Reported drug-crime attribution	n	%	n	%	n	%	n	%		
Alcohol	29	24	81	17	7	22	426	18		
Illicit drugs	21	17	137	28	4	12	718	30		
Any attribution	47	38	194	39	10	29	1,035	44		
Total detainees interviewed ^b	124		493		34		2,359			

a: Driving under the influence of alcohol and/or drugs

Note: Sample size may vary as cases were excluded due to missing data. Percentages may not total 100 due to rounding

b: Cells may not add to totals as detainees could attribute their detention to more than one substance

Table C2: Adelaide DUMA sample	by drug-	-crime	attribu	tions a	and mos	t seric	us offe	nce cat	egory, 2	018
	Viole	ent	Prope	erty	Dru	g	DU	a	Traff	fic
Reported drug-crime attribution	n	%	n	%	n	%	n	%	n	%
Alcohol	52	28	12	11	0	0	1	100	1	3
Illicit drugs	29	16	36	32	10	48	0	0	7	23
Any attribution	75	40	47	41	10	48	1	100	8	26
Total detainees interviewed ^b	187		114		21		1		31	
	Disor	der	Brea	ch	Oth	er	Tot	al		
Reported drug-crime attribution	n	%	n	%	n	%	n	%		
Alcohol	14	23	16	13	2	17	98	18		
Illicit drugs	8	13	23	19	0	0	113	21		
Any attribution	22	35	36	30	2	17	201	37		
Total detainees interviewed ^b	62		121		12		549			

a: Driving under the influence of alcohol and/or drugs

Note: Sample size may vary as cases were excluded due to missing data. Percentages may not total 100 due to rounding Source: AIC DUMA collection 2018 [computer file]

Table C3: Brisbane DUMA sample l	by drug-	-crime	attribu	tions a	nd mos	t serio	us offen	ce cat	egory, 2	018
	Viole	ent	Prope	erty	Dru	g	DU	a	Traff	fic
Reported drug-crime attribution	n	%	n	%	n	%	n	%	n	%
Alcohol	75	30	30	14	6	7	1	25	3	37
Illicit drugs	82	32	108	50	39	45	1	25	4	50
Any attribution	135	53	125	58	43	50	2	50	6	75
Total detainees interviewed ^b	253		215		86		4		8	
	Disor	der	Brea	ch	Othe	er	Tota	al		
Reported drug-crime attribution	n	%	n	%	n	%	n	%		
Alcohol	4	27	33	19	2	67	154	20		
Illicit drugs	4	27	73	42	0	0	311	41		
Any attribution	7	47	96	55	2	67	416	55		
Total detainees interviewed ^b	15		173		3		757			

a: Driving under the influence of alcohol and/or drugs

b: Cells may not add to totals as detainees could attribute their detention to more than one substance

b: Cells may not add to totals as detainees could attribute their detention to more than one substance

Table C4: Perth DUMA sample by o	drug–cri	me at	tributio	ns and	l most se	erious	offence	catego	ory, 2018	8
	Viole	ent	Prope	erty	Dru	g	DUIª		Traff	fic
Reported drug-crime attribution	n	%	n	%	n	%	n	%	n	%
Alcohol	52	20	28	13	5	9	5	83	4	14
Illicit drugs	76	30	83	39	21	37	0	0	7	24
Any attribution	110	43	104	49	24	42	5	83	11	38
Total detainees interviewed ^b	256		213		57		6		29	
	Disor	der	Brea	ch	Oth	er	Tota	ıl		
Reported drug-crime attribution	n	%	n	%	n	%	n	%		
Alcohol	7	21	29	18	2	17	132	17		
Illicit drugs	7	20	36	22	2	17	232	30		
Any attribution	12	34	54	32	4	33	324	42		
Total detainees interviewed ^b	35		167		12		775			

a: Driving under the influence of alcohol and/or drugs

Note: Sample size may vary as cases were excluded due to missing data. Percentages may not total 100 due to rounding Source: AIC DUMA collection 2018 [computer file]

Table C5: Bankstown DUMA sample	e by dru	g–crin	ne attrib	utions	and mo	ost seri	ious offe	ence ca	itegory,	2018
	Viole	ent	Prope	erty	Dru	ıg	DU	la l	Traf	fic
Reported drug-crime attribution	n	%	n	%	n	%	n	%	n	%
Alcohol	7	9	3	14	0	0	3	43	0	0
Illicit drugs	10	12	6	29	4	67	1	14	1	11
Any attribution	15	19	9	43	4	67	4	57	1	11
Total detainees interviewed ^b	80		21		6		7		9	
	Disor	der	Brea	ıch	Oth	er	Tota	al		
Reported drug-crime attribution	n	%	n	%	n	%	n	%		
Alcohol	0	0	1	6	1	25	15	10		
Illicit drugs	0	0	3	18	2	33	27	18		
Any attribution	0	0	4	24	2	33	39	26		
Total detainees interviewed ^b	3		17		6		149			

a: Driving under the influence of alcohol and/or drugs

b: Cells may not add to totals as detainees could attribute their detention to more than one substance

b: Cells may not add to totals as detainees could attribute their detention to more than one substance

Table C6: Surry Hills DUMA sample	by drug	g-crim	e attrib	utions	and mo	st ser	ious offe	nce ca	tegory, 2	2018
	Viole	nt	Prope	erty	Dru	ıg	DUI	a	Traff	ic
Reported drug-crime attribution	n	%	n	%	n	%	n	%	n	%
Alcohol	12	32	1	4	5	16	3	43	0	0
Illicit drugs	10	26	9	36	10	31	2	29	0	0
Any attribution	19	50	9	36	13	41	4	57	0	0
Total detainees interviewed ^b	38		25		32		7		2	
	Disor	der	Brea	ch	Oth	er	Tota	il		
Reported drug-crime attribution	n	%	n	%	n	%	n	%		
Alcohol	4	57	2	13	0	0	27	22		
Illicit drugs	2	22	2	13	0	0	35	27		
Any attribution	6	67	4	27	0	0	55	43		
Total detainees interviewed ^b	9		15		1		129			

a: Driving under the influence of alcohol and/or drugs

Note: Sample size may vary as cases were excluded due to missing data. Percentages may not total 100 due to rounding

Source: AIC DUMA collection 2018 [computer file]

Table C7: National DUMA sample category, 2018	by drug	-crime	attribu	tions,	drug type and		d most se	rious	offence	
	Viole	ent	Prope	erty	Dru	g	DUI	a	Traff	ic
Reported drug-crime attribution	n	%	n	%	n	%	n	%	n	%
Methamphetamine	171	21	196	34	60	30	2	8	15	19
Heroin	14	2	29	5	7	3	0	0	3	4
Cannabis	48	6	56	10	28	14	3	12	2	3
Ecstasy	4	<1	3	1	4	2	1	4	0	0
Total detainees interviewed ^b	814		588		202		25		79	
	Disor	der	Brea	ch	Oth	er	Tota	ıl		
Reported drug-crime attribution	Disor n	der %	Brea n	ch %	Oth n	er %	Tota n	il %		
Reported drug-crime attribution Methamphetamine										
	n	%	n	%	n	%	n	%		
Methamphetamine	n 20	% 17	n 119	% 24	n 3	% 9	n 586	% 25		
Methamphetamine Heroin	n 20 0	% 17 0	n 119 11	% 24 2	<i>n</i> 3 0	% 9 0	n 586 64	% 25 3		

a: Driving under the influence of alcohol and/or drugs

Note: Sample size may vary as cases were excluded due to missing data. Percentages may not total 100 due to rounding

b: Cells may not add to totals as detainees could attribute their detention to more than one substance

b: Cells may not add to totals as detainees could attribute their detention to more than one substance

Appendix D: Contact with the criminal justice system

		Ma	le			Fem	ale			Tot	al	
	Charg	ges	Detain MSC		Charg	ges	Detain MS0		Charg	ges	Detain MS0	
Charges recorded	n	%	n	%	n	%	n	%	n	%	n	%
Violent	1,138	20	699	36	145	11	115	27	1,283	19	814	35
Property	1,187	21	430	22	371	29	158	37	1,558	23	588	25
Drug	788	14	163	8	222	17	39	9	1,010	15	202	9
DUI _p	42	1	20	1	10	1	5	1	52	1	25	1
Traffic	337	6	57	3	86	7	22	5	423	6	79	3
Disorder	458	8	104	5	91	7	20	5	549	8	124	5
Breach	1,280	23	434	22	268	21	59	14	1548	22	493	21
Other	362	6	26	1	105	8	8	2	467	7	34	1
Total	5,592		1,933		1,298		4,26		6,890		2,359	

a: Most serious offence—that is, the most serious offence for which detainees were held under charge at the time of interview b: Driving under the influence of alcohol and/or drugs

		Adela	aide			Brisb	ane			Per	th	
	Charg	ges	Detain MS0		Charg	ges	Detain MS		Charg	ges	Detain MS	
Charges recorded	n	%	n	%	n	%	n	%	n	%	n	%
Violent	280	27	187	34	444	15	253	33	367	16	256	33
Property	174	17	114	21	701	24	215	24	573	25	213	27
Drug	78	8	21	4	559	19	86	19	267	12	57	7
DUI _p	1	<1	1	<1	27	1	4	1	9	<1	6	1
Traffic	58	6	31	6	169	6	8	1	150	7	29	4
Disorder	120	12	62	11	195	7	15	2	174	8	35	5
Breach	279	27	121	22	579	20	173	23	618	27	167	22
Other	45	4	12	2	264	9	3	<1	118	5	12	<1
Total	1,035		549		2,938		757		2,276		775	
			Bankst	own					Surry I	Hills		
	Cl	narges		Deta	inees' N	ISO	C	harge	S	Deta	inees' N	ISO
Charges recorded		n	%		n	%		n	%		n	%
Violent	13	4	38		80	54	5	8	45	:	38	29
Property	5	0	14		21	14	6	0	21	:	25	19
Drug	3	3	9		6	4	7	'3	25	:	32	25
DUI		7	2		7	5		8	3		7	5
Traffic	3	7	11		9	6		9	3		2	2
Disorder	2	.5	7		3	2	3	5	12		9	7
Breach	3	6	10		17	11	3	6	12	:	15	12
Other	2	.8	8		6	4	1	.2	4		1	1
Total	35	0		1	.49		29	11		1.	29	

a: Most serious offence—that is, the most serious offence for which detainees were held under charge at the time of interview b: Driving under the influence of alcohol and/or drugs

Table D3: Most serie	ous offence cl	narges, 2	2008–18					
	Violen	t	Proper	ty	Dru	3	Brea	ach
	n	%	n	%	n	%	n	%
2008	675	27	540	22	186	8	476	19
2009	69	29	474	20	167	7	366	15
2010	707	31	424	19	143	6	538	24
2011	682	31	429	19	138	6	544	24
2012	667	29	428	18	156	7	670	29
2013	415	28	297	20	11	7	391	26
2014	966	30	634	20	220	7	840	26
2015	945	32	527	18	214	7	804	27
2016	694	33	450	21	204	10	491	23
2017	810	38	472	22	153	7	447	21
2018	776	35	563	25	170	8	478	21

Note: Includes four DUMA sites—Adelaide, Bankstown, Brisbane and Perth. Sample size may vary as cases were excluded due to missing data

Table D4: National DUMA sample	e by urin	alysis	test res	ults a	nd most	serio	us offenc	e, 201	8	
	Viole	ent	Prope	erty	Dru	g	DUI	a	Traf	fic
Urinalysis results	n	%	n	%	n	%	n	%	n	%
Cannabis	143	51	91	47	37	40	4	29	10	38
Cocaine	5	2	6	3	6	7	0	0	1	4
Amphetamines ^b	136	49	130	68	57	62	2	14	13	50
Opioids ^c	33	12	30	16	16	17	2	14	2	8
Benzodiazepines	60	21	43	22	20	22	5	36	5	19
Any drug ^d	222	79	164	85	79	86	9	64	18	69
Any drug other than cannabise	166	59	150	78	71	77	6	43	15	58
Multiple drugs ^f	114	41	100	52	37	40	3	21	9	35
Total with MSO ^g	814		588		202		25		79	
	Disor	der	Brea	ch	Oth	er	Tota	ıl		
Urinalysis results	n	%	n	%	n	%	n	%		
Cannabis	18	45	96	50	3	37	402	48		
Cocaine	0	0	3	2	0	0	21	2		
Amphetamines ^b	18	45	99	52	3	37	458	54		
Opioids ^c	7	17	30	16	2	25	122	14		
Benzodiazepines	11	27	53	28	1	12	198	23		
Benzodiazepines Any drug ^d	11 28	27 70	53 148	28 77	1 4	12 50	198 672	23 80		
•										
Any drug ^d	28	70	148	77	4	50	672	80		

a: Driving under the influence of alcohol and/or drugs

Note: Sample size may vary as cases were excluded due to missing data. Percentages may not total 100 due to rounding

b: Includes methamphetamine, MDMA, MDA and other amphetamines

c: Includes heroin, methadone, buprenorphine and other opioids

d: Includes cannabis, amphetamines, opioids, benzodiazepines or cocaine

e: Includes amphetamines, opioids, benzodiazepines or cocaine

f: Includes cannabis, amphetamines, opioids, benzodiazepines or cocaine

g: Total number of detainees with MSO who provided a urine sample. Cells may not add to totals as detainees may have tested positive to more than one drug

Table D5: Adelaide DUMA sample	by urin	alysis	test res	ults ar	nd most	seriou	ıs offen	ce, 201	.8	
	Viole	ent	Prope	erty	Dru	g	DU	a	Traf	fic
Urinalysis results	n	%	n	%	n	%	n	%	n	%
Cannabis	37	49	11	31	0	0	0	0	5	42
Amphetamines ^b	32	42	23	66	5	56	0	0	6	50
Opioids ^c	9	12	5	14	0	0	0	0	1	8
Benzodiazepines	24	32	5	14	3	33	0	0	3	25
Any drug ^d	59	78	27	77	6	67	0	0	8	67
Any drug other than cannabise	42	55	27	77	6	67	0	0	7	58
Multiple drugsf	29	38	14	40	2	22	0	0	5	42
Total with MSO ^g	187		114		21		1		31	
	Disor	der	Brea	ch	Oth	er	Tota	al		
Urinalysis results	n	%	n	%	n	%	n	%		
Cannabis	6	35	15	50	1	50	75	41		
Amphetamines ^b	8	47	11	37	0	0	85	47		
Opioids ^c	1	6	7	23	1	50	24	13		
Benzodiazepines	3	18	8	27	1	50	47	26		
Any drug ^d	12	71	25	83	1	50	138	76		
		CE	16	53	1	50	110	60		
Any drug other than cannabise	11	65	10	33						
Any drug other than cannabise Multiple drugsf	11 5	29	11	37	1	50	67	37		

- a: Driving under the influence of alcohol and/or drugs
- b: Includes methamphetamine, MDMA, MDA and other amphetamines
- c: Includes heroin, methadone, buprenorphine and other opioids
- d: Includes cannabis, amphetamines, opioids, benzodiazepines or cocaine
- e: Includes amphetamines, opioids, benzodiazepines or cocaine
- f: Includes cannabis, amphetamines, opioids, benzodiazepines or cocaine
- g: Total number of detainees with MSO who provided a urine sample. Cells may not add to totals as detainees may have tested positive to more than one drug

Note: Sample size may vary as cases were excluded due to missing data. The most serious offences of detainees who tested positive for cocaine are not presented because of small cell sizes, but they have been included in the 'Any drug', 'Any drug other than cannabis' and 'Multiple drugs' rows. Percentages may not total 100 due to rounding

Table D6: Brisbane DUMA sample by urinalysis test results and most serious offence, 2018											
	Viole	ent	Prope	erty	Dru	ıg	DU	a	Tra	ffic	
Urinalysis results	n	%	n	%	n	%	n	%	n	%	
Cannabis	44	49	34	44	14	32	1	33	1	50	
Amphetamines ^b	41	46	50	65	25	57	0	0	1	50	
Opioids ^c	12	13	12	16	6	14	1	33	1	50	
Benzodiazepines	23	26	17	22	8	18	2	67	0	0	
Any drug ^d	71	80	63	82	36	82	3	100	2	100	
Any drug other than cannabise	53	60	56	73	32	73	2	67	1	50	
Multiple drugsf	36	40	37	48	14	32	1	33	1	50	
Total with MSO ^g	253		215		86		4		8		
	Disor	der	Breach		Other		Tot	:al			
Urinalysis results	n	%	n	%	n	%	n	%			
Cannabis	5	56	41	51	0	0	140	46			
Amphetamines ^b	2	22	47	59	0	0	166	54			
Opioids ^c	3	33	15	19	0	0	50	16			
Benzodiazepines	3	33	29	36	0	0	82	27			
Any drug ^d	6	67	67	84	0	0	248	81			
Any drug other than cannabise	5	56	60	75	0	0	209	69			
Multiple drugsf	5	56	39	49	0	0	133	44			
Total with MSO ^g	15		173		3		757				

a: Driving under the influence of alcohol and/or drugs

g: Total number of detainees with MSO who provided a urine sample. Cells may not add to totals as detainees may have tested positive to more than one drug or may have tested negative to all drugs

Note: Sample size may vary as cases were excluded due to missing data. The most serious offences of detainees who tested positive for cocaine are not presented because of small cell sizes, but they have been included in the 'Any drug', 'Any drug other than cannabis' and 'Multiple drugs' rows. Percentages may not total 100 due to rounding

b: Includes methamphetamine, MDMA, MDA and other amphetamines

c: Includes heroin, methadone, buprenorphine and other opioids

d: Includes cannabis, amphetamines, opioids, benzodiazepines or cocaine

e: Includes amphetamines, opioids, benzodiazepines or cocaine

f: Includes cannabis, amphetamines, opioids, benzodiazepines or cocaine

Table D7: Perth DUMA sample by urinalysis test results and most serious offence, 2018										
	Viole	ent	Property		Drug		DUIª		Traffic	
Urinalysis results	n	%	n	%	n	%	n	%	n	%
Cannabis	45	60	35	58	12	57	0	0	3	33
Amphetamines ^b	47	63	45	75	19	90	1	50	6	67
Opioids ^c	4	5	7	12	0	0	0	0	0	0
Benzodiazepines	7	9	14	23	2	10	1	50	2	22
Any drug ^d	63	84	56	93	21	100	2	100	7	78
Any drug other than cannabise	49	65	50	83	19	90	2	100	6	67
Multiple drugs ^f	34	45	36	60	11	52	0	0	2	22
Total with MSO ^g	256		213		57		6		29	
	Disor	der	Brea	ch	Oth	er	Tot	al		
Urinalysis results	n	%	n	%	n	%	n	%		
Cannabis	5	42	35	55	1	50	136	56		
A usuala sata ustus siala	c	50	34	53	1	50	159	65		
Amphetamines ^b	6	50	34	55	1	30	100	05		
Opioids ^c	2	17	3	5	0	0	16	7		
			_							
Opioids ^c	2	17	3	5	0	0	16	7		
Opioids ^c Benzodiazepines	2	17 33	3 11	5 17	0 0	0	16 41	7 17		
Opioids ^c Benzodiazepines Any drug ^d	2 4 8	17 33 67	3 11 47	5 17 73	0 0 1	0 0 50	16 41 205	7 17 84		

a: Driving under the influence of alcohol and/or drugs

Note: Sample size may vary as cases were excluded due to missing data. The most serious offences of detainees who tested positive for cocaine are not presented because of small cell sizes, but they have been included in the 'Any drug', 'Any drug other than cannabis' and 'Multiple drugs' rows. Percentages may not total 100 due to rounding

b: Includes methamphetamine, MDMA, MDA and other amphetamines

c: Includes heroin, methadone, buprenorphine and other opioids

 $[\]hbox{d: Includes cannabis, amphetamines, opioids, benzodiazepines or cocaine}\\$

e: Includes amphetamines, opioids, benzodiazepines or cocaine

f: Includes cannabis, amphetamines, opioids, benzodiazepines or cocaine

g: Total number of detainees with MSO who provided a urine sample. Cells may not add to totals as detainees may have tested positive to more than one drug or may have tested negative to all drugs

Table D8: Bankstown DUMA sample by urinalysis test results and most serious offence, 2018											
	Viole	nt	Prope	rty	Drug		DUIª		Traffic		
Urinalysis results	n	%	n	%	n	%	n	%	n	%	
Cannabis	11	44	4	50	3	75	1	20	1	50	
Amphetamines ^b	9	36	3	37	2	50	0	0	0	0	
Opioids ^c	4	16	1	12	4	100	1	20	0	0	
Benzodiazepines	3	12	5	62	2	50	1	20	0	0	
Any drug ^d	16	64	7	87	4	100	2	40	1	50	
Any drug other than cannabise	12	48	6	75	4	100	1	20	1	50	
Multiple drugsf	10	40	4	50	3	75	1	20	1	50	
Total with MSO ^g	80		21		6		7		9		
	Disor	der	Breach		Oth	er	Tota	al			
Urinalysis results	n	%	n	%	n	%	n	%			
Cannabis	0	0	3	27	1	33	24	41			
Amphetamines ^b	0	0	2	18	2	67	18	31			
Opioids ^c	0	0	1	9	1	33	12	21			
Benzodiazepines	0	0	2	18	0	0	13	22			
					_	67	36	62			
Any drug ^d	0	0	4	36	2	07	30	02			
Any drug ^d Any drug other than cannabis ^e	0	0	4	36 27	2	67	29	50			

a: Total includes detainees whose MSO was categorised as 'DUI' or 'Traffic'

g: Total number of detainees with MSO who provided a urine sample. Cells may not add to totals as detainees may have tested positive to more than one drug or may have tested negative to all drugs

Note: Sample size may vary as cases were excluded due to missing data. The most serious offences of detainees who tested positive for cocaine are not presented because of small cell sizes, but they have been included in the 'Any drug', 'Any drug other than cannabis' and 'Multiple drugs' rows. Percentages may not total 100 due to rounding

b: Includes methamphetamine, MDMA, MDA and other amphetamines $\,$

c: Includes heroin, methadone, buprenorphine and other opioids

d: Includes cannabis, amphetamines, opioids, benzodiazepines or cocaine

e: Includes amphetamines, opioids, benzodiazepines or cocaine

f: Includes cannabis, amphetamines, opioids, benzodiazepines or cocaine

Table D9: Surry Hills DUMA sample by urinalysis test results and most serious offence, 2018											
	Viol	ent	Property		Drug		DUIª		Traffic		
Urinalysis results	n	%	n	%	n	%	n	%	n	%	
Cannabis	6	40	7	58	8	57	2	67	0	0	
Amphetamines ^b	7	47	9	75	6	43	1	33	0	0	
Opioids ^c	4	27	5	42	6	43	0	0	0	0	
Benzodiazepines	3	20	2	17	5	36	1	33	0	0	
Any drug ^d	13	81	11	92	12	86	2	67	0	0	
Any drug other than cannabise	10	62	11	92	10	71	1	33	0	0	
Multiple drugsf	5	33	9	75	7	50	1	33	0	0	
Total with MSO ^g	38		25		32		7		2		
	Diso	rder	Brea	ch	Oth	er	Tota	al			
Urinalysis results	n	%	n	%	n	%	n	%			
Cannabis	2	100	2	29	0	0	27	50			
Amphetamines ^b	2	100	5	71	0	0	30	56			
Opioids ^c	1	50	4	57	0	0	20	37			
Benzodiazepines	1	50	3	43	0	0	15	28			
Any drug ^d	2	100	5	71	0	0	45	82			
Any drug other than cannabise	2	100	5	71	0	0	39	71			
Multiple drugsf	2	100	4	57	0	0	28	52			
Total with MSO ^g	9		15		1		129				

- a: Driving under the influence of alcohol and/or drugs
- b: Includes methamphetamine, MDMA, MDA and other amphetamines $\,$
- c: Includes heroin, methadone, buprenorphine and other opioids
- d: Includes cannabis, amphetamines, opioids, benzodiazepines or cocaine
- e: Includes amphetamines, opioids, benzodiazepines or cocaine
- f: Includes cannabis, amphetamines, opioids, benzodiazepines or cocaine
- g: Total number of detainees with MSO who provided a urine sample. Cells may not add to totals as detainees may have tested positive to more than one drug

Note: Sample size may vary as cases were excluded due to missing data. The most serious offences of detainees who tested positive for cocaine are not presented because of small cell sizes, but they have been included in the 'Any drug', 'Any drug other than cannabis' and 'Multiple drugs' rows. Percentages may not total 100 due to rounding

Australian Institute of Criminology

Drug use monitoring in Australia: Drug use among police detainees, 2018

Table D10: National DUMA sample by type of court order and gender, 2018										
	Male		Fem	ale	Tot	tal				
	n	%	n	%	n	%				
On parole										
Yes	216	12	33	9	249	11				
No	1,592	88	350	91	1,942	89				
On probation										
Yes	84	9	14	8	98	9				
No	818	91	165	92	983	91				
On community service order										
Yes	54	6	10	6	64	6				
No	848	94	169	94	1,017	94				
On another court order										
Yes	227	25	41	23	268	25				
No	669	75	136	77	805	75				

Note: Sample size may vary as cases were excluded due to missing data

Source: AIC DUMA collection 2018 [computer file]

Table D11: National DUMA sample by type of court order and location, 2018											
	Adela	ide	Brisba	ane	Pert	:h	Bankstown		Surry Hills		
	n	%	n	%	n	%	n	%	n	%	
On parole											
Yes	20	5	190	25	23	3	8	6	8	7	
No	414	95	572	75	726	97	122	94	108	93	
On probation											
Yes	19	9	60	16	10	3	3	4	6	10	
No	192	91	307	84	359	97	72	96	53	90	
On community service ord	er										
Yes	1	0	16	4	45	12	1	1	1	2	
No	210	100	351	96	324	88	74	99	58	98	
On another court order											
Yes	113	55	23	6	97	26	18	24	17	29	
No	93	45	344	94	270	74	57	76	41	71	

Note: Sample size may vary as cases were excluded due to missing data $% \left(1\right) =\left(1\right) \left(1$

Table D12: National DUMA sample by type of court order and Indigenous status, 2018											
	Indigenou	ıs	Non-Indi	genous	Tota	al					
	n	%	n	%	n	%					
On parole											
Yes	58	11	189	11	247	11					
No	476	89	1,462	89	1,938	89					
On probation											
Yes	16	6	82	10	98	9					
No	241	94	740	90	981	91					
On community service order											
Yes	25	10	39	5	64	6					
No	232	90	783	95	1,015	94					
On another court order											
Yes	61	24	206	25	267	25					
No	192	76	612	75	804	75					

Note: Sample size may vary as cases were excluded due to missing data

Source: AIC DUMA collection 2018 [computer file]

Table D13: National DUMA sample by type of court order and age, 2018											
	18-2	20	21–2	25	26–30		31–35		36+		
	n	%	n	%	n	%	n	%	n	%	
On parole											
Yes	26	15	33	9	47	12	45	11	98	11	
No	145	85	331	91	346	88	352	89	768	89	
On probation											
Yes	13	15	12	7	16	9	13	6	44	10	
No	74	85	160	93	165	91	189	94	395	90	
On community service ord	er										
Yes	9	10	11	6	10	6	13	6	21	5	
No	78	90	161	94	171	94	189	94	418	95	
On another court order											
Yes	20	23	35	21	48	27	50	25	115	26	
No	67	77	134	79	132	73	150	75	322	74	

Note: Sample size may vary as cases were excluded due to missing data. Percentages may not total 100 due to rounding Source: AIC DUMA collection 2018 [computer file]

Table D14: National DUMA sample by charge history and gender, 2018											
	Male		Femal	le	Tot	al					
	n	%	n	%	n	%					
Prior charge ^a	850	47	173	46	1,023	47					
No prior charge	954	53	205	54	1,159	53					

a: In the last 12 months

Note: Sample size may vary as cases were excluded due to missing data

Australian Institute of Criminology

Drug use monitoring in Australia: Drug use among police detainees, 2018

Table D15: National DUMA sample by prior charge history and location, 2018										
	Adelai	Adelaide Brisbane		ne	Perth		Bankstown		Surry Hills	
	n	%	n	%	n	%	n	%	n	%
Prior charge ^a	239	55	327	43	349	47	54	41	54	46
No prior charge	197	45	432	57	390	53	77	59	63	54

a: In the last 12 months

Note: Sample size may vary as cases were excluded due to missing data

Source: AIC DUMA collection 2018 [computer file]

Table D16: National DUMA sample by criminal history and gender, 2018										
	Male		Female	9	Total					
	n	%	n	%	n	%				
Prior prison history (lifetime) ^a										
Yes	867	45	142	34	1009	43				
No	1056	55	280	66	1,336	57				
History of juvenile detention ^b										
Yes	356	20	75	19	431	20				
No	1459	80	311	81	1,770	80				
Prior prison history (past 12 months) ^c										
Yes	430	22	76	18	506	22				
No	1493	78	346	82	1,839	78				

a: Includes any detainees who reported having been released from prison in their lifetime ${\bf r}$

Note: Sample size may vary as cases were excluded due to missing data

Source: AIC DUMA collection 2018 [computer file]

Table D17: National DUMA sample by criminal history and Indigenous status, 2018										
	Indigeno	us	Non-Indige	enous	Total					
	n	%	n	%	n	%				
Prior prison history (lifetime) ^a										
Yes	319	55	687	39	1,006	43				
No	260	45	1,071	61	1,331	57				
History of juvenile detention ^b										
Yes	202	38	277	14	429	20				
No	334	62	1,432	86	1,766	80				
Prior prison history (past 12 months) ^c										
Yes	175	30	328	19	503	22				
No	404	70	1,430	81	1,834	78				

a: Includes any detainees who reported having been released from prison in their lifetime

Note: Sample size may vary as cases were excluded due to missing data

 $b: Includes \ any \ detainees \ who \ reported \ having \ been \ released \ from \ a \ youth \ or \ juvenile \ detention \ facility$

c: Includes any detainees who reported having been released from prison up to 365 days before interview

b: Includes any detainees who reported having been released from a youth or juvenile detention facility

c: Includes any detainees who reported having been released from prison up to 365 days before interview

AIC reports Statistical Report

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