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Welsh National Database for Substance Misuse in Wales 2011-12

1. Introduction

This report has been compiled by NHS Wales Informatics Service (NWIS) in collaboration with the Welsh Government, and contains statistics from the Welsh National Database for Substance Misuse.

1.1. The report should be read in conjunction with the document entitled 'Routinely Collected Data for Substance Misuse'. This document will provide additional substance misuse related information currently available from routinely published sources in Wales to support and add to the information gained through the WNDSM.

1.2. Database guidance and information about the Welsh Government's Substance Misuse policy and key performance indicators can be obtained at <http://wales.gov.uk/substancemisuse>.

2. Background

2.1. The overall management of the system, including advice on enhancements to the database, national performance issues linked to the data and the analysis of other routinely collected data is overseen by the National Management Information Board.

2.2. All substance misuse treatment service providers in Wales that are in receipt of Welsh Government funding via the Community Safety Partnerships are required to comply with the reporting requirements of the database. Comprehensive guidance "The Welsh National Database for Substance Misuse – Guidance for Community Safety Partnerships and Service Provider Agencies", which includes the common dataset and definitional guidance was first issued on 1 March 2006 and has since been revised annually. A copy of the current Common Dataset is at Annex 3.

2.3. Information from the database is the official source of validated data for treatment service providers and Community Safety Partnerships to monitor and report performance against the national Key Performance Indicators in respect to waiting times and engagement rates. These KPIs were launched in August 2006 for immediate implementation. The document "Tackling Substance Misuse in Wales – Performance Management Framework – Key Performance Indicators" can be accessed at <http://wales.gov.uk/substancemisuse>. It is noted that this will be the last year of reporting on these KPIs as a new suite of indicators has been implemented from July 2012.

2.4. The Treatment Outcomes Profile (TOP) was developed by the National Treatment Agency (NTA) in collaboration with Dr John Marsden and Dr Michael Farrell of the National Addiction Centre, Institute of Psychiatry, Kings College, London. The items that appear in the TOP were psychometrically evaluated utilising a cohort of over 1000 service users, recruited from 63 treatment agencies in England and demonstrated an acceptable level of reliability and validity.

2.5. In April 2009 the Welsh Government adopted the NTA's outcome measurement tool. The Treatment Outcome Profile (TOP) has been mandated for all clients aged 16 and over who were in receipt of structured treatment. Whilst the data is predominantly supplied by those agencies who are delivering structured treatment, it is delivered as a package of care and includes less structured treatment interventions. These services are equally important in securing and maintaining positive outcomes for an individual in treatment.

2.6. A copy of the TOP form is at Annex 4. The TOP provides a systematic method of measuring both qualitative and quantitative progress at an individual level to gauge the impact of substance misuse treatment. It measures an individual's health and well-being against four key domains that have been established internationally as the areas most affected by substance misusing behaviour;

- Drug and Alcohol Use;
- Physical and Psychological Health;
- Offending and Criminal Involvement; and,
- Social Functioning.

2.7 An individual is assessed at the beginning of treatment (joint assessment by the client and the key worker) as part of routine care planning. This starting TOP measures the client's status against the four key domains. Every 3 months a review TOP is undertaken to measure progress against the four domains and a final exit TOP is undertaken on completion of treatment. The routine review of clients is seen as good practice and should be embedded in care management and clinical practice; the use of TOP as a tool assists in the process and helps individuals to participate in reviewing their own progress during treatment.

2.8 The initial implementation of TOP was overseen by a National Working Group with membership representing Community Safety Partnerships, Substance Misuse Treatment Services, NHS Wales Informatics Services (formerly Health Solutions Wales) and the Welsh Government. As the TOP implementation has been embedded in practice the monitoring role of this working group has been transferred to the Management Information Board.

2.9 More information on the introduction of TOP is available from:
<http://wales.gov.uk/topics/housingandcommunity/safety/substancemisuse/pmf/top/?lang=en>

3. Executive Summary

3.1 Referrals

- There were 31,071 referrals to the data base in 2011-12. Of these, 4,880 were closed before assessment and the remaining 26,191 cases are analysed in Tables 1-5.
- 54% of these referrals were described as having alcohol as the major problem and 40% had drugs as the major problem; in 6% of cases the major problem at referral was not recorded.

- Males accounted for 63% of alcohol referrals and 74% of drug referrals.
- Median age for alcohol referrals was 41 which were substantially higher than the median age for drugs (30).
- Fewer than 23% of alcohol referrals were for clients aged under 30 – the comparable figure for drug referrals was over 48%.
- Some clients were referred more than once during 2011-12 and the 26,191 referrals relate to 15,563 individuals of whom 7,471 were new to the database.
- The incidence rates for Wales were 289 per 100,000 for alcohol and 221 for drugs – the variation between Community Safety Partnerships was from 190 to 628 for alcohol and from 115 to 304 for drugs [Chart 4]. The methodology of calculating these rates is described in the Definitions section of Annex 1.

3.2 Waiting times

- The percentage of clients assessed within 10 working days of referral has increased steadily from 56% in 2007-8 to 70% in 2011-12.
- The percentage of clients who started treatment within 20 working days of referral was 75% in 2011-12.

3.3 Treatment started

- In 2011-12 the number of drug clients starting treatment (7,206) exceeded the number of alcohol clients (7,150) for the first time since the database was set up.
- The average age of the client population has risen steadily over the 5 year period for both alcohol and drugs.

3.4 Reasons for closure

- The percentage of cases ending with a planned closure has risen over the 5 year period from 28% to 39% for alcohol and from 30% to 38% for drugs.

3.5 Treatment Outcome Profiles

- Tables 12-19 show the overall reductions in the frequency of alcohol and drug consumption between a starting TOP and an exit TOP.

- For clients referred with main problem alcohol the frequency of alcohol consumption fell by over 30%. 28% of clients were reporting zero consumption in the 28 days before the exit TOP.
- For clients referred with main problem heroin the frequency of opiate consumption fell by almost 30%. 34% of clients were reporting zero consumption in the 28 days before the exit TOP.

4. Data Quality

All Service Providers in receipt of Welsh Government funding, to deliver substance misuse treatment services are required to comply fully with the reporting requirements of the database.

The Welsh Government's Substance Misuse Advisory Regional Teams (SMARTs) have worked with treatment services to improve data quality. However, care needs to be exercised when looking at trends as a number of agencies had not submitted all the relevant fields by the freeze date of 17th July 2012.

The data quality issues that affect this report are listed below:

- Not all agencies are able to report on all the fields and so care needs to be exercised when looking at geographical differences across Wales.
- Some of the demographic data will be inaccurate because some clients are reluctant or unable to provide accurate responses to some questions. This will always be the case with a system that relies largely upon self-reporting.
- There is widespread under-reporting of secondary problem substance; this inhibits the identification of emerging trends and patterns in poly-drug use.
- Some agencies are failing to close cases when a client is transferred between agencies. This means that some individuals will be counted more than once on the database.
- Clients are categorised by 'main substance' which means that many clients categorised under 'Alcohol' may also be receiving treatment for drug misuse and vice versa.
- The main problem substance is not recorded for some clients. Almost 6 per cent of all referrals in 2011-12 did not contain this information.
- Note that in the 2009-10 report, some tables did not include referrals to less structured treatments. Subsequent reports include both structured and less structured treatments. Historic data in this report includes less structured treatments with the exception of around 500 cases in 2009-10 for whom the data was not available.

- Where the local authority of the client is unknown, the local authority of the treatment agency is used for this analysis. The percentage of cases with no known local authority varies considerably across different areas of Wales.

It is noted that for the Abertawe Bro-Morgannwg University area the number of referrals will be lower. This is due to the fact that in this area they are reporting on a client not referral based system, work is ongoing to ensure that it is consistently recorded across Wales in future years

5. Results

5.1 Structure

- Tables 1-5 give details of 26,191 cases referred to Welsh agencies during 2011-12. These tables exclude cases which were closed before assessment.
- Tables 6 to 8 relate to waiting times for assessment and treatment over the 5 year period 2007-8 to 2011-12 and are categorised by the year in which the assessment or treatment took place.
- Table 9 gives profiles of those clients whose treatments started in each of the 5 years 2007-8 to 2011-12.
- Table 10 analyses the length of treatment and table 11 analyses the reasons for closure both over the same 5 year period.
- Tables 12-19 describe the way in which client behaviour changes between Treatment Outcome Profiles (TOPS) carried out at the start and conclusion of treatment. It covers the whole period from the introduction of the TOP programme in April 2009.

5.2 Tables

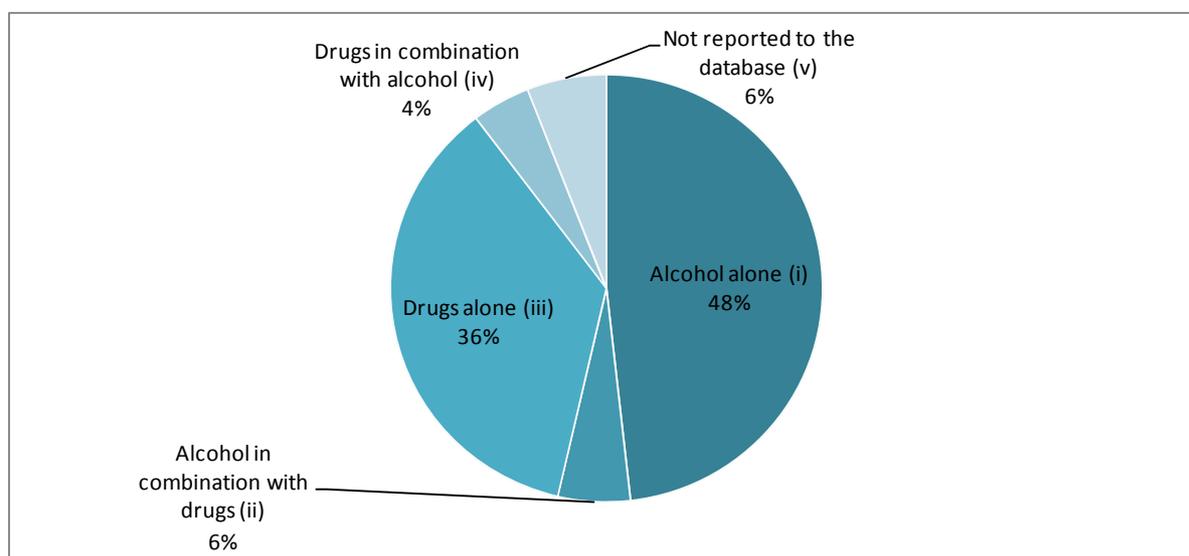
Table 1: Referrals in 2011-12 by main substance

Main Substance	Male	Female	Total	
	Number	Number	Number	Per cent (a)
Alcohol alone (i)	7,838	4,790	12,628	48.2
Alcohol in combination with drugs (ii)	996	425	1,421	5.4
Drugs alone (iii)	7,017	2,411	9,428	36.0
Drugs in combination with alcohol (iv)	824	326	1,150	4.4
Not reported to the database (v)	1,055	509	1,564	6.0
All Referrals	17,730	8,461	26,191	100.0

Source: WNDSM, NHS Wales Informatics Service

(a) Percentage of all referrals

Chart 1: Referrals in 2011-12 by main substance



The main substance categories in Table 1 and Chart 1 are:

- (i) Alcohol recorded as the main substance with no other substance reported.
- (ii) Alcohol recorded as the main substance but with misuse of drugs also being reported.
- (iii) Drugs recorded as the main substance with no alcohol reported.
- (iv) Drugs recorded as the main substance but with alcohol also being reported.
- (v) No main substance reported to the database; note that this does not imply that no substance was reported by individuals to treatment services.

Table 2: Referrals in 2011-12 by individual main substance

Main substance	Male	Female	Total	
			Number	Per cent (a)
Alcohol	8,834	5,215	14,049	57.0%
Amphetamines	459	232	691	2.8%
Anti-depressants	3	6	9	0.0%
Barbiturates	1	1	2	0.0%
Benzodiazepines	196	66	262	1.1%
Cannabis	1,656	493	2,149	8.7%
Cocaine	829	131	960	3.9%
Crack Cocaine	67	27	94	0.4%
Ecstasy	16	6	22	0.1%
Hallucinogens	42	9	51	0.2%
Heroin	3,493	1,218	4,711	19.1%
Methadone	436	226	662	2.7%
Other opiates (b)	316	159	475	1.9%
Poly use; no details	111	52	163	0.7%
Solvents	36	17	53	0.2%
Steroids	15	1	16	0.1%
Other drugs (c)	165	93	258	1.0%
Not reported (d)	1,055	509	1,564	.
All referrals	17,730	8,461	26,191	100.0%

Source: WNDSM, NHS Wales Informatics Service

- (a) Percentage of all referrals for which the main substance is reported.
 - (b) See Annex 2 for a list of drugs included under "Other opiates".
 - (c) See Annex 2 for a list of drugs included under "Other drugs".
 - (d) No main substance reported to the database; note that this does not imply that no substance was reported by individuals to treatment services.
- . Data item not applicable

Table 3a: Profile of referrals in 2011-12: main substance alcohol

Profile of referral	Male	Rate (a)	Female	Rate (a)	Total	
					Number	Rate (a)
By Age						
10-14	51	56	95	111	146	83
15-19	397	389	287	298	684	344
20-29	1,544	765	792	411	2,336	592
30-39	2,318	1,392	1,098	639	3,416	1,009
40-49	2,432	1,184	1,533	705	3,965	938
50-59	1,476	796	935	481	2,411	635
60+	604	174	455	110	1,059	139
All ages(b)	8,834	601	5,215	340	14,049	467
Median age (c)	40	.	42	.	41	.
% under 30	22.6%	.	22.8%	.	22.7%	.
% 50 or over	23.5%	.	26.7%	.	24.7%	.
By Source of Referral						
Self	2,918	198	1,811	118	4,729	157
GP	1,397	95	737	48	2,134	71
Criminal Justice System (d)	1,207	82	400	26	1,607	54
Non -Statutory Service Providers (e)	863	59	537	35	1,400	47
Statutory Service Providers (f)	322	22	206	13	528	18
Other (g)	2,127	145	1,524	99	3,651	121

Source: WNDISM, NHS Wales Informatics Service

(a) Rate per 100,000 population.

(b) Includes 12 referrals where the age is unreported, and 20 referrals where the age is less than 10.

(c) Equal number of referrals above and below the median age.

(d) Comprising Court, Drug Rehabilitation Requirement (DRR), Drug Intervention Programme (DIP), Prison, Police, Probation, and Youth Offending Team (YOT) sources.

(e) Voluntary Sector

(f) Social Care/Health Providers

(g) Includes unreported source of referral.

. Data item not applicable

Table 3b: Profile of referrals in 2011-12: main substance drugs

Profile of referral	Male	Rate (a)	Female	Rate (a)	Total	
					Number	Rate (a)
By Age						
10-14	150	166	65	76	215	122
15-19	787	770	335	347	1,122	565
20-29	2,618	1,298	1,131	586	3,749	950
30-39	2,827	1,697	842	490	3,669	1,084
40-49	1,210	589	285	131	1,495	354
50-59	185	100	58	30	243	64
60+	53	15	17	4	70	9
All ages(b)	7,841	533	2,737	178	10,578	352
Median age (c)	31	.	28	.	30	.
% under 30	45.4%	.	56.1%	.	48.2%	.
% 50 or over	3.0%	.	2.7%	.	3.0%	.
By Source of Referral						
Self	2,112	144	790	51	2,902	97
GP	613	42	203	13	816	27
Criminal Justice System (d)	2,815	191	622	41	3,437	114
Non -Statutory Service Providers (e)	732	50	265	17	997	33
Statutory Service Providers (f)	302	21	165	11	467	16
Other (g)	1,267	86	692	45	1,959	65

Source: WNDSM, NHS Wales Informatics Service

(a) Rate per 100,000 population.

(b) Includes 6 referrals where the age is unreported, and 9 referrals where the age is less than 10.

(c) Equal number of referrals above and below the median age.

(d) Comprising Court, Drug Rehabilitation Requirement (DRR), Drug Intervention Programme (DIP), Prison, Police, Probation, and Youth Offending Team (YOT) sources.

(e) Voluntary Sector

(f) Social Care/Health Providers

(g) Includes unreported source of referral.

. Data item not applicable

Table 3c: Profile of referrals in 2011-12: all main substances

Profile of referral	Male	Rate (a)	Female	Rate (a)	Total	
					Number	Rate (a)
By Age						
10-14	224	247	169	197	393	223
15-19	1,316	1,288	682	707	1,998	1,006
20-29	4,447	2,219	2,046	1,060	6,523	1,653
30-39	5,430	3,260	2,059	1,198	7,489	2,213
40-49	3,835	1,867	1,903	875	5,738	1,357
50-59	1,725	930	1,066	548	2,791	735
60+	692	199	510	123	1,202	158
All ages(b)	17,730	1,205	8,461	551	26,191	871
Median age (c)	34	.	36	.	35	.
% under 30	34.0%	.	34.5%	.	34.2%	.
% 50 or over	13.6%	.	18.6%	.	15.2%	.
By Source of Referral						
Self	5,256	357	2,758	180	8,014	267
GP	2,241	152	1,032	67	3,273	109
Criminal Justice System (d)	4,271	112	1,067	69	5,338	178
Non -Statutory Service Providers (e)	1,653	45	833	54	2,486	83
Statutory Service Providers (f)	665	290	390	25	1,055	35
Other (g)	3,644	248	2,381	155	6,025	200

Source: WNDSM, NHS Wales Informatics Service

(a) Rate per 100,000 population.

(b) Includes 26 referrals where the age is unreported, and 31 referrals where the age is less than 10.

(c) Equal number of referrals above and below the median age.

(d) Comprising Court, Drug Rehabilitation Requirement (DRR), Drug Intervention Programme (DIP), Prison, Police, Probation, and Youth Offending Team (YOT) sources.

(e) Voluntary Sector

(f) Social Care/Health Providers

(g) Includes unreported source of referral.

. Data item not applicable

Table 3d: Profile of referrals in 2011-12: main substance heroin

Profile of referral	Male	Female	Total	
			Number	Rate (a)
By Age				
10-14	1	0	1	1
15-19	39	50	89	45
20-29	1,013	587	1,600	405
30-39	1,632	441	2,073	613
40-49	721	120	841	199
50-59	70	19	89	23
60+	15	0	15	2
All ages (b)	3,493	1,218	4,711	157
Median age (c)	33	29	32	.
% under 30	30.1%	52.4%	35.9%	.
% 50 or over	2.4%	1.6%	2.2%	.
By Source of Referral				
Self	1,030	370	1,400	47
GP	158	66	224	7
Criminal Justice System (d)	1,460	409	1,869	62
Non-Statutory Service Providers (e)	422	134	556	18
Statutory Service Providers (f)	134	65	199	7
Other (g)	289	174	463	15

Source: WNDSM, NHS Wales Informatics Service

(a) Rate per 100,000 population.

(b) Including 3 referrals with unknown age, and 1 referral aged under 10.

(c) Equal number of referrals above and below the median age.

(d) Comprising Court, Drug Rehabilitation Requirement (DRR), Drug Intervention Programme (DIP), Prison, Police, Probation and Youth Offending Team (YOT) sources.

(e) Voluntary Sector

(f) Social Care/Health providers

(g) Includes unreported source of referral.

. Data item not applicable

Table 3e: Profile of referrals in 2011-12: main substance cannabis

Profile of referral	Male	Female	Total	
			Number	Rate (a)
By Age				
10-14	125	43	168	95
15-19	531	164	695	350
20-29	584	156	740	188
30-39	267	88	355	105
40-49	110	34	144	34
50-59	31	5	36	9
60+	6	0	6	1
All ages (b)	1,656	493	2,149	71
Median age (c)	22	22	22	.
% under 30	75.0%	74.2%	74.8%	.
% 50 or over	2.2%	1.0%	2.0%	.
By Source of Referral				
Self	415	123	538	18
GP	193	38	231	8
Criminal Justice System (d)	355	57	412	14
Non-Statutory Service Providers (e)	118	44	162	5
Statutory Service Providers (f)	24	16	40	1
Other (g)	551	215	766	25

Source: WNDISM, NHS Wales Informatics Service

(a) Rate per 100,00 population

(b) Including 5 referrals aged under 10.

(c) Equal number of referrals above and below the median age.

(d) Comprising Court, Drug Rehabilitation Requirement (DRR), Drug Intervention Programme (DIP), Prison, Police, Probation and Youth Offending Team (YOT) sources.

(e) Voluntary Sector

(f) Social Care/Health providers

(g) Includes unreported source of referral.

. Data item not applicable

Table 3f: Profile of referrals in 2011-12: main substance amphetamines

Profile of referral	Male	Female	Total	
			Number	Rate (a)
By Age				
10-14	3	2	5	3
15-19	16	20	36	18
20-29	141	83	224	57
30-39	164	88	252	74
40-49	104	33	137	32
50-59	27	5	32	8
60+	4	1	5	1
All ages	459	232	691	23
Median age (b)	33	31	32	.
% under 30	34.9%	45.3%	38.4%	.
% 50 or over	6.8%	2.6%	5.4%	.
By Source of Referral				
Self	150	73	223	7
GP	48	28	76	3
Criminal Justice System (c)	118	25	143	5
Non-Statutory Service Providers (d)	39	10	49	2
Statutory Service Providers (e)	14	10	24	1
Other (f)	90	86	176	6

Source: WNDISM, NHS Wales Informatics Service

(a) Rate per 100,000 population.

(b) Equal number of referrals above and below the median age.

(c) Comprising Court, Drug Rehabilitation Requirement (DRR), Drug Intervention Programme (DIP), Prison, Police, Probation and Youth Offending Team (YOT) sources.

(d) Voluntary Sector

(e) Social Care/Health providers

(f) Includes unreported source of referral.

. Data item not applicable

Table 3g: Profile of referrals in 2011-2012: main substance cocaine

Profile of referral	Male	Female	Total	
			Number	Rate (a)
By Age				
10-14	0	0	0	0
15-19	67	21	88	44
20-29	486	78	564	143
30-39	203	24	227	67
40-49	61	7	68	16
50-59	11	1	12	3
60+	1	0	1	0
All ages	829	131	960	32
Median age (b)	26	24	25	.
% under 30	66.7%	75.6%	67.9%	.
% 50 or over	1.4%	0.8%	1.4%	.
By Source of Referral				
Self	178	41	219	7
GP	51	4	55	2
Criminal Justice System (c)	501	42	543	18
Non-Statutory Service Providers (d)	28	17	45	1
Statutory Service Providers (e)	9	1	10	0
Other (f)	62	26	88	3

Source: WNDMS, NHS Wales Informatics Service

(a) Rate per 100,000 population.

(b) Equal number of referrals above and below the median age.

(c) Comprising Court, Drug Rehabilitation Requirement (DRR), Drug Intervention Programme (DIP), Prison, Police, Probation and Youth Offending Team (YOT) sources.

(d) Voluntary Sector

(e) Social Care/Health providers

(f) Includes unreported source of referral.

. Data item not applicable

Table 3h: Profile of referrals in 2011-12: main substance crack cocaine

Profile of referral	Male	Female	Total	
			Number	Rate (a)
By Age				
10-14	0	0	0	0
15-19	0	1	1	1
20-29	24	9	33	8
30-39	33	13	46	14
40-49	8	3	11	3
50-59	2	1	3	1
60+	0	0	0	0
All ages	67	27	94	3
Median age (b)	33	31	33	.
% under 30	35.8%	37.0%	36.2%	.
% 50 or over	3.0%	3.7%	3.2%	.
By Source of Referral				
Self	17	4	21	1
GP	4	4	8	0
Criminal Justice System (c)	43	13	56	2
Non-Statutory Service Providers (d)	1	1	2	0
Statutory Service Providers (e)	0	0	0	0
Other (f)	2	5	7	0

Source: WNDSM, NHS Wales Informatics Service

(a) Rate per 100,000 population.

(b) Equal number of referrals above and below the median age.

(c) Comprising Court, Drug Rehabilitation Requirement (DRR), Drug Intervention Programme (DIP), Prison, Police, Probation and Youth Offending Team (YOT) sources.

(d) Voluntary Sector

(e) Social Care/Health providers

(f) Includes unreported source of referral.

. Data item not applicable

Table 3i: Profile of referrals in 2011-12: main or secondary substance crack cocaine

Profile of referral	Male	Female	Total	
			Number	Rate (a)
By Age				
10-14	0	0	0	0
15-19	2	5	7	4
20-29	112	59	171	43
30-39	153	48	201	59
40-49	71	11	82	19
50-59	3	2	5	1
60+	0	0	0	0
All ages	341	125	466	16
Median age (b)	33	29	32	.
% under 30	33.4%	51.2%	38.2%	.
% 50 or over	0.9%	1.6%	1.1%	.
By Source of Referral				
Self	109	24	133	4
GP	12	6	18	1
Criminal Justice System (c)	194	69	263	9
Non-Statutory Service Providers (d)	3	3	6	0
Statutory Service Providers (e)	2	4	6	0
Other (f)	21	19	40	1

Source: WNDSM, NHS Wales Informatics Service

(a) Rate per 100,000 population.

(b) Equal number of referrals above and below the median age.

(c) Comprising Court, Drug Rehabilitation Requirement (DRR), Drug Intervention Programme (DIP), Prison, Police, Probation and Youth Offending Team (YOT) sources.

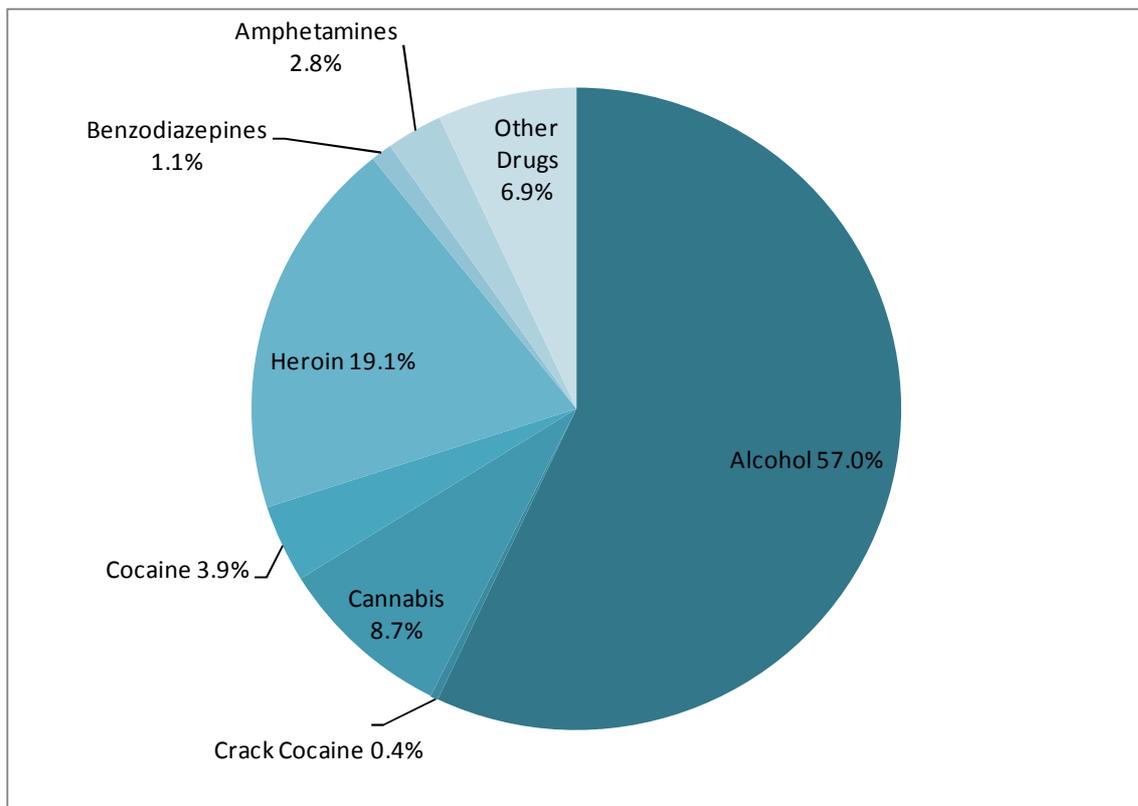
(d) Voluntary Sector

(e) Social Care/Health providers

(f) Includes unreported source of referral.

. Data item not applicable

Chart 2: Referrals in 2011-12 by individual substance (a)



(a) Percentages are based on all referrals where the main substance is specified

Table 4a: Previous history of referrals in 2011-12: main substance alcohol

Profile	All Referrals	Individuals referred in 2011-12	Average no. of referrals per individual	New cases	New cases as percentage of all individuals
		(a)		(b)	(c)
Gender					
Male	8,834	5,176	1.71	2,504	48%
Female	5,215	3,056	1.71	1,504	49%
Age					
10-14	146	121	1.21	105	87%
15-19	684	498	1.37	340	68%
20-29	2,336	1,377	1.70	739	54%
30-39	3,416	1,872	1.82	856	46%
40-49	3,965	2,268	1.75	978	43%
50-59	2,411	1,402	1.72	631	45%
60+	1,059	670	1.58	339	75%
All ages (d)	14,049	8,232	1.71	4,008	49%
Median Age (e)	41	41	.	39	.
% under 30	22.7%	24.4%	.	29.8%	.
% 50 or over	24.7%	25.2%	.	24.2%	.
Source of Referral					
Self	4,729	2,922	1.62	1,231	42%
GP	2,134	1,329	1.61	831	63%
Criminal Justice System (f)	1,607	1,044	1.54	536	51%
Non-Statutory Service Providers (g)	1,400	478	2.93	144	30%
Statutory Service Providers (h)	528	194	2.72	91	47%
Other (i)	3,651	2,265	1.61	1,175	52%
All Sources	14,049	8,232	1.71	4,008	49%

Source: WNDSM, NHS Wales Informatics Service

(a) All referrals minus multiple referrals in 2011-12

(b) No previous referrals since April 2005

(c) New cases/Individuals

(d) Including 9 referrals with unknown age, and 20 referrals aged under 10.

(e) Equal number of referrals above and below the median age.

(f) Comprising Court, Drug Rehabilitation Requirements (DRR), Drug Intervention Programme (DIP), Prison, Police, Probation, and Youth Offending Team (YOT) sources.

(g) Voluntary Sector

(h) Social Care/Health Providers

(i) Other includes unreported source of referral.

. Data item not applicable

Table 4b: Profile history of referrals in 2011-12: main substance drugs

Profile	All Referrals	Individuals referred in 2011-12 (a)	Average no. referrals per individual	New cases (b)	New cases as percentage of all individuals (c)
Gender					
Male	7,841	4,748	1.65	2,038	43%
Female	2,737	1,637	1.67	692	42%
Age					
10-14	215	167	1.29	136	81%
15-19	1,122	801	1.40	537	67%
20-29	3,749	2,217	1.69	1,010	46%
30-39	3,669	2,097	1.75	612	29%
40-49	1,495	869	1.72	308	35%
50-59	243	171	1.42	83	49%
60+	70	50	1.40	29	58%
All ages (d)	10,578	6,385	1.66	2,730	43%
Median Age (e)	31	30	.	30	.
% under 30	48.2%	50.0%	50.0%	61.9%	.
% 50 or over	3.0%	3.5%	3.5%	4.1%	.
Source of Referral					
Self	2,902	1,708	1.70	709	42%
GP	816	552	1.48	357	65%
Criminal Justice System (f)	3,437	2,217	1.55	716	32%
Non-Statutory Service Providers (g)	997	376	2.65	110	29%
Statutory Service Providers (h)	467	220	2.12	78	35%
Other (i)	1,959	1,312	1.49	760	58%
All Sources	10,578	6,385	1.66	2,730	43%

Source: WNDSM, NHS Wales Informatics Service

(a) All referrals minus multiple referrals in 2011-12

(b) No previous referrals since April 2005

(c) New cases/Individuals

(d) Including 7 referrals with unknown age, and 9 referrals aged under 10.

(e) Equal number of referrals above and below the median age.

(f) Comprising Court, Drug Rehabilitation Requirements (DRR), Drug Intervention Programme (DIP), Prison, Police, Probation, and Youth Offending Team (YOT) sources.

(g) Voluntary Sector

(h) Social Care/Health Providers

(i) Other includes unreported source of referral.

. Data item not applicable

Table 5a: Previous history of referrals in 2011-12: main substance alcohol by Community Safety Partnership and LHB

Community Safety Partnership	All Referrals	Individuals referred (a)	Average no. of referrals per individual	New cases (b)	Per cent
					New cases as percentage of all individuals (c)
Anglesey	388	215	1.80	96	45%
Gwynedd	500	303	1.65	122	40%
Conwy	891	346	2.58	102	29%
Denbighshire	695	339	2.05	133	39%
Flintshire	953	498	1.91	165	33%
Wrexham	1,067	534	2.00	178	33%
<i>Betsi Cadwaladr University LHB</i>	<i>4,494</i>	<i>2,235</i>	<i>2.01</i>	<i>796</i>	<i>36%</i>
Powys	513	336	1.53	136	40%
<i>Powys LHB</i>	<i>513</i>	<i>336</i>	<i>1.53</i>	<i>136</i>	<i>40%</i>
Ceredigion	397	215	1.85	128	60%
Pembrokeshire	588	331	1.78	165	50%
Carmarthenshire	1,027	564	1.82	262	46%
<i>Hywel Dda LHB</i>	<i>2,012</i>	<i>1,110</i>	<i>1.81</i>	<i>555</i>	<i>50%</i>
Swansea	534	494	1.08	289	59%
Neath Port Talbot	296	264	1.12	177	67%
Bridgend	340	258	1.32	161	62%
<i>Abertawe Bro Morgannwg University LHB</i>	<i>1,170</i>	<i>1,016</i>	<i>1.15</i>	<i>627</i>	<i>62%</i>
Vale of Glamorgan	441	241	1.83	153	63%
Cardiff	1,424	829	1.72	451	54%
<i>Cardiff & Vale University LHB</i>	<i>1,865</i>	<i>1,070</i>	<i>1.74</i>	<i>604</i>	<i>56%</i>
Rhondda Cynon Taff	1,282	735	1.74	399	54%
Merthyr Tydfil	549	349	1.57	167	48%
<i>Cwm Taf LHB</i>	<i>1,831</i>	<i>1,084</i>	<i>1.69</i>	<i>566</i>	<i>52%</i>
Caerphilly	502	297	1.69	162	55%
Blaenau Gwent	237	153	1.55	96	63%
Torfaen	354	225	1.57	97	43%
Monmouthshire	304	225	1.35	107	48%
Newport	614	401	1.53	201	50%
<i>Aneurin Bevan LHB</i>	<i>2,011</i>	<i>1,301</i>	<i>1.55</i>	<i>663</i>	<i>51%</i>
Total (d)	13,896	8,152	1.70	3,947	48.0%

Source: WNDSM, NHS Wales Informatics Service

- (a) All referrals minus multiple referrals in 2011-02
- (b) No previous referral since April 2005
- (c) No previous referral / all individuals referred * 100
- (d) Excludes residents Outside Wales

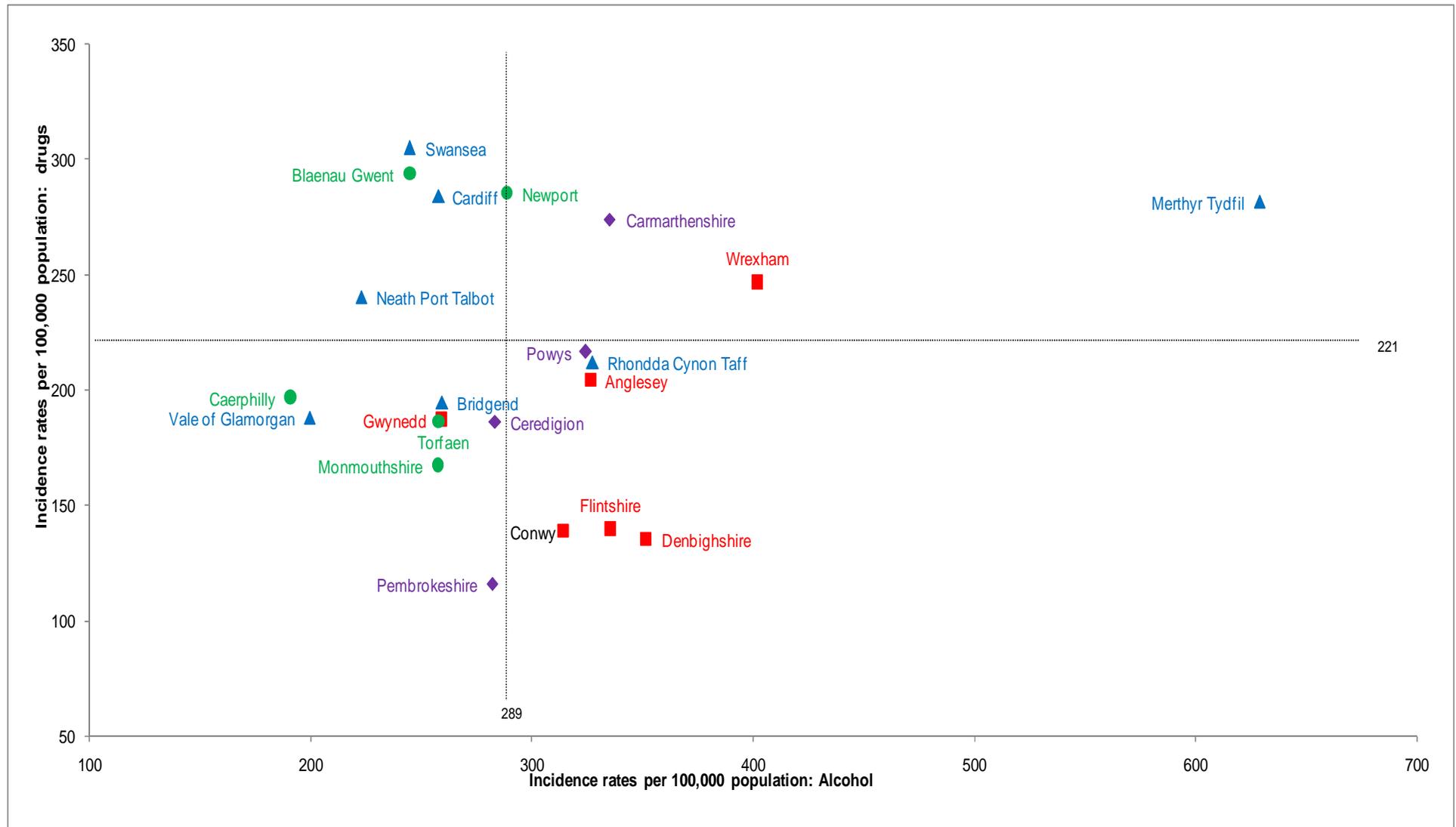
Table 5b: Previous history of referrals in 2011-12: main substance drugs by Community Safety Partnership and LHB

Community Safety Partnership	All Referrals	Individuals referred (a)	Average no. of referrals per individual	Per cent	
				New cases (b)	New cases as percentage of all individuals (c)
Anglesey	228	134	1.70	52	39%
Gwynedd	364	219	1.66	84	38%
Conwy	329	152	2.16	58	38%
Denbighshire	259	130	1.99	54	42%
Flintshire	371	206	1.80	80	39%
Wrexham	609	327	1.86	86	26%
<i>Betsi Cadwaladr University LHB</i>	<i>2,160</i>	<i>1,168</i>	<i>1.85</i>	<i>414</i>	<i>35%</i>
Powys	347	224	1.55	57	25%
<i>Powys LHB</i>	<i>347</i>	<i>224</i>	<i>1.55</i>	<i>57</i>	<i>25%</i>
Ceredigion	252	141	1.79	69	49%
Pembrokeshire	259	136	1.90	85	63%
Carmarthenshire	681	467	1.46	242	52%
<i>Hywel Dda LHB</i>	<i>1,192</i>	<i>744</i>	<i>1.60</i>	<i>396</i>	<i>53%</i>
Swansea	885	658	1.34	275	42%
Neath Port Talbot	392	302	1.30	154	51%
Bridgend	258	201	1.28	88	44%
<i>Abertawe Bro Morgannwg University LHB</i>	<i>1,535</i>	<i>1,161</i>	<i>1.32</i>	<i>517</i>	<i>45%</i>
Vale of Glamorgan	410	229	1.79	79	34%
Cardiff	1,544	934	1.65	449	48%
<i>Cardiff & Vale University LHB</i>	<i>1,954</i>	<i>1,163</i>	<i>1.68</i>	<i>528</i>	<i>45%</i>
Rhondda Cynon Taff	786	475	1.65	215	45%
Merthyr Tydfil	259	156	1.66	62	40%
<i>Cwm Taf LHB</i>	<i>1,045</i>	<i>631</i>	<i>1.66</i>	<i>277</i>	<i>44%</i>
Caerphilly	570	318	1.79	135	42%
Blaenau Gwent	353	191	1.85	85	45%
Torfaen	278	163	1.71	99	61%
Monmouthshire	249	146	1.71	69	47%
Newport	717	398	1.80	106	27%
<i>Aneurin Bevan LHB</i>	<i>2,167</i>	<i>1,216</i>	<i>1.78</i>	<i>494</i>	<i>41%</i>
Total (d)	10,400	6,307	1.65	2,683	43%

Source: WNDSM, NHS Wales Informatics Service

- (a) All referrals minus multiple referrals in 2011-02
- (b) No previous referral since April 2005
- (c) No previous referral / all individuals referred * 100
- (d) Excludes residents Outside Wales

Chart 3: Estimated incidence rates in 2011-12 by Community Safety Partnership



Areas are coded according to region:
 North Wales (red square), Dyfed Powys (purple diamond), South Wales (blue triangle), Gwent (green circle).
 The dotted lines represent the incidence per 100,000 population for Wales as a whole for drugs (221) and alcohol (289).

Table 6a: Time between referral and assessment: All substances

Waiting times	2007-08		2008-09		2009-10		2010-11		2011-12	
	Number	Per cent								
< 10 working days	12,399	56.1%	13,578	60.1%	13,728	64.3%	14,451	67.1%	13,632	70.1%
2-4 weeks	3,426	15.5%	3,821	16.9%	3,211	15.0%	3,267	15.2%	2,929	15.1%
5-12 weeks	3,448	15.6%	3,465	15.3%	2,964	13.9%	2,569	11.9%	2,108	10.8%
3-6 months	1,255	5.7%	1,078	4.8%	763	3.6%	707	3.3%	398	2.0%
6-9 months	559	2.5%	282	1.2%	303	1.4%	217	1.0%	85	0.4%
9-12 months	281	1.3%	156	0.7%	162	0.8%	91	0.4%	70	0.4%
>12 months	716	3.2%	209	0.9%	222	1.0%	220	1.0%	233	1.2%
Total	22,084	100.0%	22,589	100.0%	21,353	100.0%	21,522	100.0%	19,455	100.0%

Source: WNDSM, NHS Wales Informatics Service

Table 6b: Time between referral and assessment by individual substance

Main Substance	2007-8	2008-09	2009-10	2010-11	2011-12
	Per cent within 10 working days				
Alcohol	55.4%	57.2%	61.0%	63.3%	66.3%
All drugs	57.7%	64.7%	69.4%	73.1%	75.6%
Heroin	56.8%	67.0%	72.5%	75.7%	78.6%
Cannabis	63.2%	63.6%	71.2%	75.3%	74.3%
Cocaine	64.5%	69.7%	72.0%	80.0%	86.5%
Amphetamines	53.1%	58.5%	63.6%	66.9%	68.1%
Other drugs	56.9%	59.2%	60.9%	64.3%	67.3%
Total (a)	56.1%	60.1%	64.3%	67.1%	70.1%

Source: WNDSM, NHS Wales Informatics Service

(a) Includes unreported main substance

Table 7a: Time between assessment and treatment: All substances

Waiting times	2007-08		2008-09		2009-10		2010-11		2011-12	
	Number	Per cent								
< 10 working days	17,206	93.3%	17,292	90.7%	14,023	87.8%	14,533	90.3%	13,359	91.0%
2-4 weeks	763	4.1%	767	4.0%	912	5.7%	756	4.7%	555	3.8%
5-12 weeks	329	1.8%	637	3.3%	712	4.5%	574	3.6%	429	2.9%
3-6 months	119	0.6%	247	1.3%	211	1.3%	158	1.0%	145	1.0%
6-9 months	26	0.1%	72	0.4%	52	0.3%	27	0.2%	60	0.4%
9-12 months		0.0%	24	0.1%	22	0.1%	27	0.2%	27	0.2%
>12 months		0.0%	36	0.2%	46	0.3%	11	0.1%	111	0.8%
Total	18,443	100.0%	19,075	100.0%	15,978	100.0%	16,086	100.0%	14,686	100.0%

Source: WNDSM, NHS Wales Informatics Service

Table 7b: Time between assessment and treatment by individual substance

Main Substance	2007-8	2008-09	2009-10	2010-11	2011-12
	Per cent within 10 working days				
Alcohol	94.4%	90.7%	86.2%	87.9%	89.5%
All drugs	91.9%	90.7%	89.9%	93.0%	92.9%
Heroin	90.8%	90.1%	89.2%	92.9%	91.8%
Cannabis	94.2%	93.4%	90.2%	94.8%	95.3%
Cocaine	95.0%	93.5%	95.9%	97.2%	99.2%
Amphetamines	93.6%	90.7%	89.1%	94.0%	91.3%
Other drugs	92.5%	89.6%	90.4%	90.3%	91.3%
Total (a)	93.3%	90.7%	87.8%	90.3%	91.0%

Source: WNDSM, NHS Wales Informatics Service

(a) Includes unreported main substance

Table 8a: Time between referral and treatment: All substances

Waiting times	2007-08		2008-09		2009-10		2010-11		2011-12	
	Number	Per cent								
< 20 working days	13,506	64.9%	13,330	66.6%	10,152	63.7%	11,351	70.7%	11,006	75.0%
3-4 weeks	1,606	7.7%	1,469	7.3%	1,177	7.4%	1,180	7.3%	939	6.4%
5-12 weeks	3,214	15.5%	3,131	15.6%	2,908	18.3%	2,398	14.9%	1,887	12.9%
3-6 months	1,275	6.1%	1,309	6.5%	985	6.2%	663	4.1%	480	3.3%
6-9 months	540	2.6%	370	1.8%	308	1.9%	186	1.2%	93	0.6%
9-12 months	267	1.3%	161	0.8%	156	1.0%	112	0.7%	34	0.2%
>12 months	388	1.9%	242	1.2%	248	1.6%	165	1.0%	236	1.6%
Total	20,796	100.0%	20,012	100.0%	15,934	100.0%	16,055	100.0%	14,675	100.0%

Source: WNDSM, NHS Wales Informatics Service

Table 8b: Time between referral and treatment by individual substance

Main Substance	2007-8	2008-09	2009-10	2010-11	2011-12
	Per cent within 20 working days				
Alcohol	64.2%	65.2%	59.8%	65.6%	69.6%
All drugs	66.0%	69.0%	68.9%	76.9%	80.8%
Heroin	64.7%	70.6%	72.5%	79.7%	82.5%
Cannabis	70.7%	69.6%	68.5%	77.6%	79.3%
Cocaine	72.9%	75.6%	75.9%	88.1%	92.9%
Amphetamines	62.5%	61.4%	58.9%	70.1%	73.5%
Other drugs	66.3%	64.5%	61.2%	68.1%	74.2%
Total (a)	64.9%	66.6%	63.7%	70.7%	75.0%

Source: WNDSM, NHS Wales Informatics Service

(a) Includes unreported main substance

Table 9a: Profile of clients commencing treatment: alcohol (a)

	Year of Treatment				
	2007-08	2008-09	2009-10	2010-11	2011-12
By Gender					
Male	6,944	7,148	5,701	5,513	4,406
Female	3,711	3,755	3,255	2,983	2,744
By Age					
10-14	182	153	140	149	115
15 - 19	1,069	871	682	562	408
20 - 29	2,038	2,041	1,536	1,420	1,017
30 - 39	2,662	2,734	2,233	2,104	1,760
40 - 49	2,668	2,901	2,426	2,353	2,080
50 - 59	1,405	1,534	1,290	1,346	1,242
60+	588	642	630	551	512
All Ages (b)	10,655	10,903	8,956	8,496	7,150
Median Age (c)	37	38	39	40	41
% Under 30	31.0%	28.3%	26.5%	25.2%	21.7%
% Over 50	18.7%	20.0%	21.4%	22.3%	24.5%
By Source of Referral					
Self	3,627	3801	3,246	3,478	2,672
GP	1,118	1132	1,036	967	925
Non-statutory Service Provider (d)	1,366	1444	1,466	1,029	755
Statutory Service Provider (e)	283	329	255	556	430
Criminal Justice System (f)	1,879	1694	949	696	647
Other (g)	2,382	2503	2,004	1,770	1,721

Source: WNDSM, NHS Wales Informatics Service

(a) For all referrals since April 2005.

(b) Includes a small number of referrals with unknown age in each year, and 18,16,19,10 and 15 children under the age of 10.

(c) Equal number of referrals above and below the median age.

(d) Voluntary Sector

(e) Social Care/Health Providers

(f) Comprising Court, Drug Rehabilitation Requirement (DRR), Drug Intervention Programme (DIP), Prison, Police, Probation, and Youth Offending Team (YOT) sources.

(g) Includes unreported source of referral.

Table 9b: Profile of clients commencing treatment: drugs (a)

	Year of Treatment				
	2007-08	2008-09	2009-10	2010-11	2011-12
By Gender					
Male	5,530	5,653	4,942	5,443	5,330
Female	2,206	2,262	1,927	2,045	1,876
By Age					
10-14	132	154	129	124	153
15 - 19	977	976	846	858	757
20 - 29	3,080	3,065	2,466	2,601	2,397
30 - 39	2,514	2,635	2,350	2,676	2,648
40 - 49	833	891	922	1,015	1,056
50 - 59	154	139	136	180	156
60+	32	44	12	25	33
All Ages (b)	7,736	7,915	6,869	7,488	7,206
Median Age (c)	29	29	29	30	30
% Under 30	54.2%	53.1%	50.2%	48.0%	46.0%
% Over 50	2.4%	2.3%	2.2%	2.7%	2.6%
By Source of Referral					
Self	2,422	2304	1,847	2,003	1,944
GP	723	601	547	571	418
Non-statutory Service Provider (d)	1,000	928	704	673	692
Statutory Service Provider (e)	384	466	321	467	407
Criminal Justice System (f)	1,981	2272	2,303	2,617	2,547
Other (g)	1,226	1344	1,147	1,157	1,198

Source: WNDSM, NHS Wales Informatics Service

(a) For all referrals since April 2005.

(b) Includes a small number of referrals with unknown age in each year, and 18,16,19,10 and 15 children under the age of 10.

(c) Equal number of referrals above and below the median age.

(d) Voluntary Sector

(e) Social Care/Health Providers

(f) Comprising Court, Drug Rehabilitation Requirement (DRR), Drug Intervention Programme (DIP), Prison, Police, Probation, and Youth Offending Team (YOT) sources.

(g) Includes unreported source of referral.

Table 9c: Treatments started by individual substance (a)

Main substance on referral	Treatment Year									
	2007-08		2008-09		2009-10		2010-11		2011-12	
	Number	Median Age (b)	Number	Median Age (b)	Number	Median Age (b)	Number	Median Age (b)	Number	Median Age (b)
Alcohol										
Male	6,944	37	7,148	38	5,701	39	5,513	39	4,406	40
Female	3,711	39	3,755	39	3,255	40	2,983	41	2,744	41
Heroin										
Male	3,306	30	3,007	31	2,519	32	2,782	33	2,647	33
Female	1,298	27	1,306	28	1,060	29	1,090	28	926	30
Cannabis										
Male	815	20	1,028	20	1,027	19	1,078	20	927	20
Female	271	19	242	20	254	20	298	21	306	20
Amphetamines										
Male	363	31	278	33	250	33	298	32	251	34
Female	190	30	196	31	134	31	171	31	130	31
Cocaine										
Male	264	27	350	26	220	26	310	26	546	26
Female	60	26	66	24	49	29	50	23	73	25

Source: WNDMS, NHS Wales Informatics Service

(a) For all referrals since April 2005.

(b) Equal number of referrals above and below the median age.

Table 10: Length of complete planned treatment (a) by individual substance (b)

Main substance on referral	Treatment Year									
	2007-08		2008-09		2009-10		2010-11		2011-12	
	Number of treatments completed	Median length of treatment (days) (c)	Number of treatments completed	Median length of treatment (days) (c)	Number of treatments completed	Median length of treatment (days) (c)	Number of treatments completed	Median length of treatment (days) (c)	Number of treatments completed	Median length of treatment (days) (c)
Alcohol	6061	69	7,092	69	5,932	84	6,722	86	5,764	88
All drugs	4205	87	4311	117	3018	133	3857	106	3857	117
Heroin	2,301	93	2,181	152	1,219	151	1,611	196	1,743	195
Cannabis	670	73	844	69	814	93	1,060	80	807	82
Cocaine	202	54	247	74	161	90	219	41	340	17
Amphetamines	335	74	292	126	244	134	263	122	239	91
Total (d)	10,414	76	11,873	88	9,824	98	11,010	90	10,022	97

Source: WNDSM, NHS Wales Informatics Service

- (a) Number of days between referral and treatment closure.
- (b) For all referrals since April 2005.
- (c) Equal number of days above and below the median age.
- (d) Includes unreported substance.

Table 11a: Reason for closure: main substance alcohol (a)

Closure reason	Discharge Year									
	2007-08		2008-09		2009-10		2010-11		2011-12	
	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Planned										
Treatment complete	5,229	24.0%	5,652	27.0%	4,726	25.9%	5,521	31.6%	4,428	29.9%
Referral to other service	832	3.8%	1,440	6.9%	1,206	6.6%	1,201	6.9%	1,336	9.0%
Unplanned										
Treatment withdrawn	5,247	24.0%	1,693	8.1%	1,702	9.3%	1,459	8.4%	374	2.5%
Moved	277	1.3%	306	1.5%	255	1.4%	238	1.4%	221	1.5%
Prison	201	0.9%	256	1.2%	199	1.1%	139	0.8%	181	1.2%
Deceased	142	0.7%	152	0.7%	134	0.7%	108	0.6%	86	0.6%
Inappropriate Referral	653	3.0%	866	4.1%	1,798	9.9%	2,449	14.0%	2,393	16.2%
DNA										
Closed at centre	463	2.1%	411	2.0%	371	2.0%	88	0.5%	176	1.2%
Did not attend or respond to follow up contact before assessment	4,335	19.9%	4,896	23.4%	3,708	20.3%	3,199	18.3%	2,948	19.9%
Did not attend or respond to follow up contact before treatment	620	2.8%	1,024	4.9%	1,432	7.8%	1,085	6.2%	877	5.9%
Did not attend or respond to follow up contact during treatment	3,418	15.7%	3,766	18.0%	2,707	14.8%	1,806	10.3%	1,670	11.3%
No information supplied	407	1.9%	434	2.1%	13	0.1%	162	0.9%	120	0.8%
Total	21,824	100.0%	20,896	100.0%	18,251	100.0%	17,455	100.0%	14,810	100.0%

Source: WNDSM, NHS Wales Informatics Service

(a) For all referrals since April 2005.

Table 11b: Reason for closure: main substance drugs (a)

Closure reason	Discharge Year									
	2007-08		2008-09		2009-10		2010-11		2011-12	
	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Planned										
Treatment complete	3,118	22.5%	2,995	20.7%	2,298	19.1%	3,012	25.5%	2,988	29.4%
Referral to other service	1,097	7.9%	1,351	9.3%	738	6.1%	851	7.2%	873	8.6%
Unplanned										
Treatment withdrawn	996	7.2%	1,030	7.1%	902	7.5%	828	7.0%	273	2.7%
Moved	475	3.4%	422	2.9%	400	3.3%	380	3.2%	360	3.5%
Prison	678	4.9%	824	5.7%	840	7.0%	923	7.8%	908	8.9%
Deceased	42	0.3%	55	0.4%	51	0.4%	37	0.3%	43	0.4%
Inappropriate Referral	602	4.3%	824	5.7%	1,636	13.6%	1,508	12.8%	1,406	13.8%
DNA										
Closed at centre	366	2.6%	242	1.7%	231	1.9%	69	0.6%	29	0.3%
Did not attend or respond to follow up contact before assessment	3,472	25.1%	3,337	23.0%	2,187	18.2%	1,779	15.1%	1,349	13.3%
Did not attend or respond to follow up contact before treatment	327	2.4%	476	3.3%	718	6.0%	625	5.3%	331	3.3%
Did not attend or respond to follow up contact during treatment	2,343	16.9%	2,677	18.5%	1,999	16.6%	1,692	14.3%	1,569	15.4%
No information supplied	324	2.3%	260	1.8%	7	0.1%	113	1.0%	50	0.5%
Total	13,840	100.0%	14,493	100.0%	12,007	100.0%	11,817	100.0%	10,179	100.0%

Source: WNDSM, NHS Wales Informatics Service

(a) For all referrals since April 2005.

Table 12: Changes in Frequency of use of alcohol (a) between start TOP and exit TOP: April 2009 to March 2012

		Number of comparisons	Frequency at starting TOP (days)	Frequency at exit TOP (days)	% change	% not using (b)
Main substance alcohol						
Gender	Male	4,330	22.0	15.3	-30	26
	Female	2,596	21.1	14.2	-33	27
Age	Age 16-19	206	15.1	10.3	-32	15
	Age 20-49	4,989	21.7	15.3	-30	25
	Age 50+	1,731	22.3	14.4	-35	29
	All Clients	6,926	21.7	14.9	-31	26
Main substance drugs						
Gender	Male	1,021	13.6	12.2	-11	28
	Female	306	15.5	13.9	-10	29
Age	Age 16-19	203	9.0	7.0	-23	27
	Age 20-49	1,078	14.9	13.5	-9	29
	Age 50+	46	16.5	14.6	-12	28
	All Clients	1,327	14.1	12.6	-11	28

Source: WNDSM, NHS Wales Informatics Service

(a) For those clients reporting alcohol use in the 28 days before the start TOP

(b) No alcohol use recorded in the 28 days before exit TOP

Table 13: Changes in Frequency of use of opiates (a) between start TOP and exit TOP: April 2009 to March 2012

		Number of comparisons	Frequency at starting TOP (days)	Frequency at exit TOP (days)	% change	% not using (b)
Main substance heroin						
Gender	Male	762	22.3	15.8	-29	34
	Female	269	23.0	16.2	-29	33
Age	Age 16-19	30	25.0	18.4	-26	27
	Age 20-49	976	22.3	15.8	-29	34
	Age 50+	25	23.5	15.0	-36	40
	All Clients	1,031	22.5	15.9	-29	34

Source: WNDMS, NHS Wales Informatics Service

(a) For those clients reporting opiates use in the 28 days before the start TOP

(b) No opiate use recorded in the 28 days before exit TOP

Table 14: Changes in Frequency of use of cannabis (a) and all substances between start TOP and exit TOP: April 2009 to March 2012

		Number of comparisons	Frequency at starting TOP (days)	Frequency at exit TOP (days)	% change	% not using (b)
All substances						
Gender	Male	1606	19.7	14.5	-26	34
	Female	528	20.4	14.4	-30	38
Age	Age 16-19	334	20.0	12.8	-36	31
	Age 20-49	1666	19.6	14.8	-25	35
	Age 50+	134	22.6	14.8	-34	43
	All Clients	2134	19.9	14.5	-27	35
Main substance cannabis						
Gender	Male	450	22.2	15.2	-32	23
	Female	118	24.1	14.0	-42	33
Age	Age 16-19	218	21.3	13.9	-34	24
	Age 20-49	340	23.4	15.3	-34	26
	Age 50+	10	26.2	23.0	-12	10
	All Clients	568	22.6	14.9	-34	25

Source: WNDSM, NHS Wales Informatics Service

(a) For those clients reporting cannabis use in the 28 days before the start TOP

(b) No cannabis use recorded in the 28 days before exit TOP

**Table 15: Changes in Frequency of use of amphetamines (a) between start TOP and exit TOP:
April 2009 to March 2012**

		Number of comparisons	Frequency at starting TOP (days)	Frequency at exit TOP (days)	% change	% not using (b)
<u>Main substance amphetamines</u>						
Gender	Male	133	18.3	12.6	-31	35
	Female	76	18.4	12.0	-35	42
Age	Age 16-19	5	6.6	5.6	-15	80
	Age 20-49	198	18.4	12.5	-32	36
	Age 50+	6	26.5	14.0	-47	50
	All Clients	209	18.3	12.3	-33	38

Source: WNDSM, NHS Wales Informatics Service

(a) For those clients reporting amphetamines use in the 28 days before the start TOP

(b) No amphetamine use recorded in the 28 days before exit TOP

Table 16: Changes in Frequency of use of cocaine (a) between start TOP and exit TOP: April 2009 to March 2012

		Number of comparisons	Frequency at starting TOP (days)	Frequency at exit TOP (days)	% change	% not using (b)
Main substance cocaine						
Gender	Male	96	10.6	6.4	-39	55
	Female	11	15.4	6.3	-59	64
Age	Age 16-19	12	7.8	2.8	-65	75
	Age 20-49	93	11.5	6.9	-40	54
	Age 50+	2	11.5	4.5	-61	50
	All Clients	107	11.1	6.4	-42	56

Source: WNDSM, NHS Wales Informatics Service

(a) For those clients reporting cocaine use in the 28 days before the start TOP

(b) No cocaine use recorded in the 28 days before exit TOP

Table 17: Change in Physical Health between starting TOP and exit TOP: April 2009 to March 2012

		Number of Comparisons	Score at start TOP (a)	Score at exit TOP (a)	% change
Main substance	Alcohol	7,880	11.0	14.5	32
	Drugs	3,182	12.2	15.0	23
Gender	Male	7,201	11.5	14.7	28
	Female	3,861	11.0	14.5	32
Age	Age 16-19	562	13.8	15.3	11
	Age 20-49	8,410	11.4	14.8	30
	Age 50+	2,090	10.5	13.8	32
Treatment Modalities	Inpatient Detoxification	597	9.3	14.8	59
	Community Detoxification	699	9.8	14.1	43
	Residential Rehabilitation	104	9.3	14.3	53
	Substitute Opioid Prescribing (Methadone)	452	12.4	16.9	36
	Substitute Opioid Prescribing(Buprenorphine)	190	12.9	16.5	28
	Psychosocial Interventions	8,441	11.3	14.6	30
	All Clients	11,062	11.3	14.6	30

Source: WNDMS, NHS Wales Informatics Service

(a) On a self reported scale of 0-20

Table 18: Change in Psychological Health between starting TOP and exit TOP: April 2009 to March 2012

		Number of Comparisons	Score at start TOP (a)	Score at exit TOP (a)	% change
Main substance	Alcohol	7,884	9.6	14.1	47
	Drugs	3,181	10.5	14.3	36
Gender	Male	7,205	10.1	14.2	41
	Female	3,860	9.4	14.1	49
Age	Age 16-19	562	11.6	14.4	24
	Age 20-49	8,413	9.7	14.2	46
	Age 50+	2,090	10.0	14.2	42
Treatment Modalities	Inpatient Detoxification	600	8.7	15.0	72
	Community Detoxification	704	8.9	14.2	59
	Residential Rehabilitation	104	8.3	14.5	75
	Substitute Opioid Prescribing (Methadone)	454	10.9	16.7	54
	Substitute Opioid Prescribing (Buprenorphine)	188	10.8	16.2	50
	Psychosocial Interventions	8,445	9.8	14.2	44
	All Clients	11,065	9.9	14.2	44

Source: WNDMS, NHS Wales Informatics Service

(a) On a self reported scale of 0-20

Table 19: Changes in Quality of Life between starting TOP & exit TOP: April 2009 to March 2012

		Number of Comparisons	Score at start TOP (a)	Score at exit TOP (a)	% change
Main Substance	Alcohol	7,628	10.6	14.6	38
	Drugs	3,102	11.3	14.7	30
Gender	Male	7,016	10.9	14.7	35
	Female	3,714	10.6	14.6	38
Age	Age 16-19	557	12.6	14.9	18
	Age 20-49	8,160	10.7	14.6	37
	Age 50+	2,013	10.9	14.6	34
Treatment Modalities	Inpatient Detoxification	577	9.4	15.2	61
	Community Detoxification	677	9.8	14.7	51
	Residential Rehabilitation	98	8.8	14.4	62
	Substitute Opioid Prescribing (Methadone)	600	11.6	16.2	40
	Substitute Opioid Prescribing(Buprenorphine)	182	11.6	16.5	43
	Psychosocial Interventions	8,176	10.8	14.7	36
	All Clients	10,730	10.8	14.6	36

Source: WNDSM, NHS Wales Informatics Service

(a) On a self reported scale of 0-20

Chart 4: Status of referrals in 2011-12 as at 17th July 2012

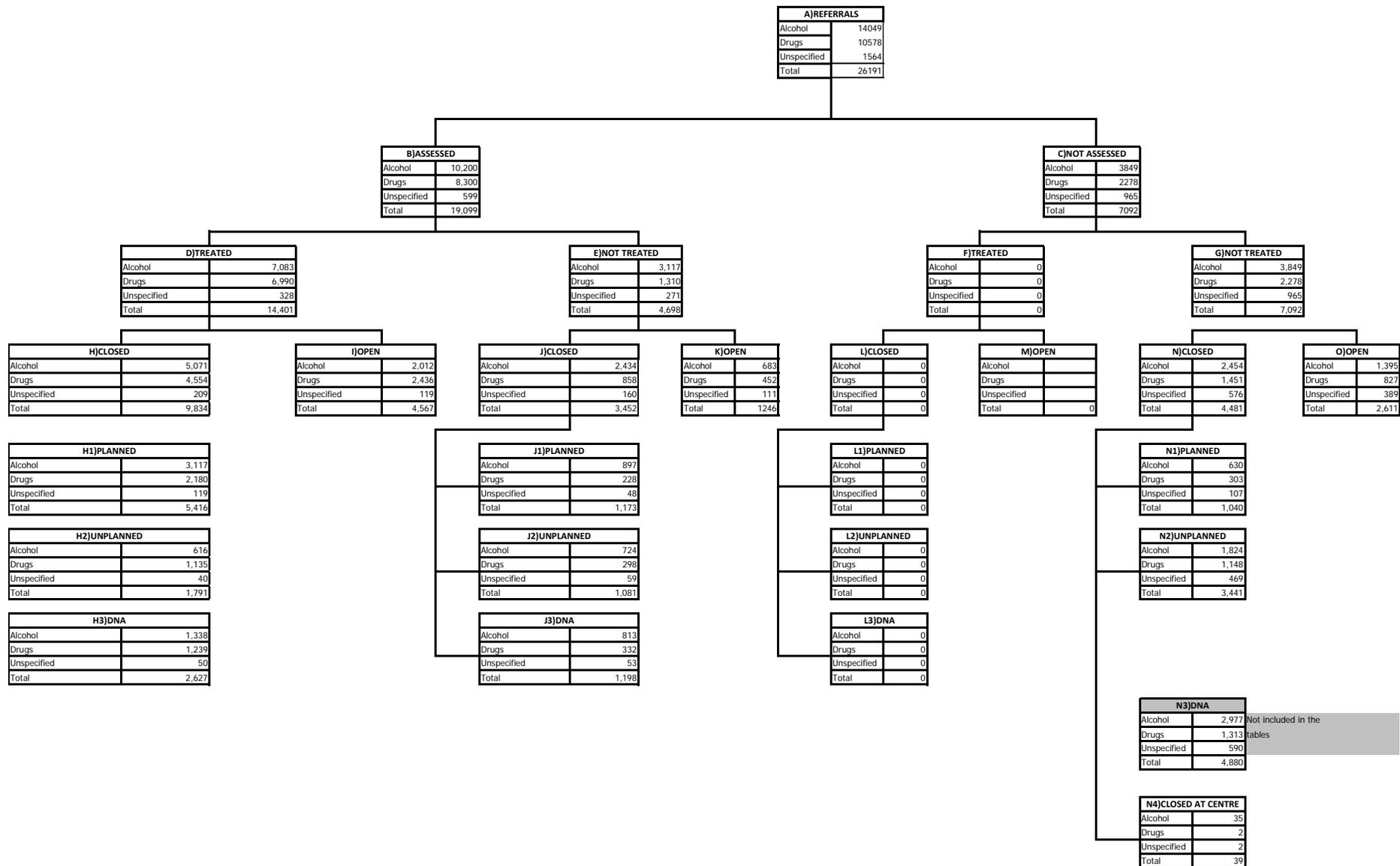
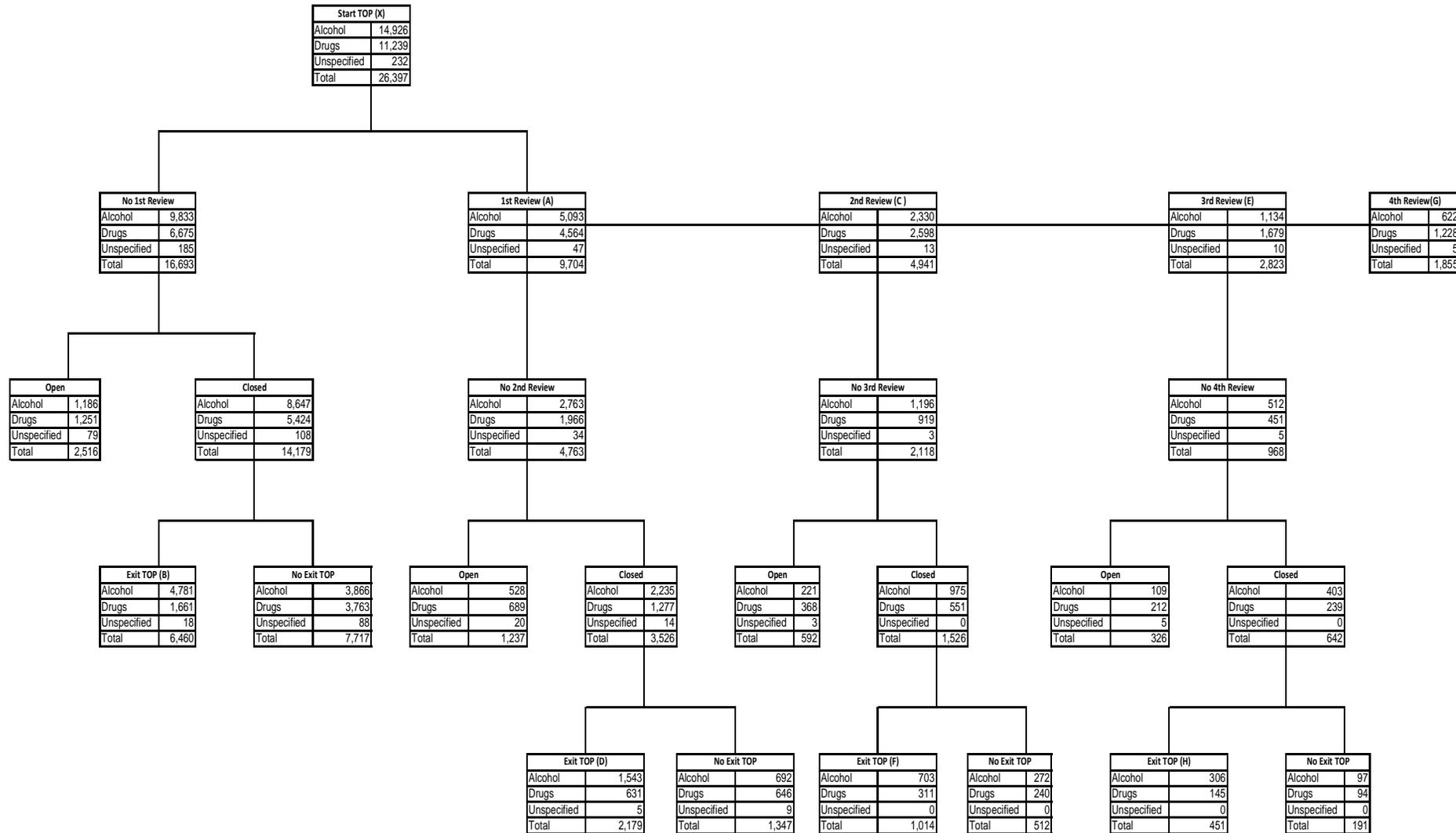


Chart 5: Status of recorded TOPs: April 2009 to March 2012



Definitions

The following definitions are used within this report:

Drugs

The term “drugs” includes illegal drugs, misuse of legal prescriptions and over the counter medicines and solvent abuse.

Main substance

The term “main substance” refers to the main substance that led the client to seek help or be referred for help; note that many clients categorized under “alcohol” may also be receiving treatment for drugs and vice versa.

“Other drugs”

This category is referred to in several tables and includes the following: Sedatives Unspecified, Anti-histamines Unspecified, Hydroxyzine, Cyclizine, Promethazine, Non-barb/benzo Seds, Methaqualone, Chlormethiazole, Meprobamate, Zopiclone, Zolpidem Tartrate, Propranolol, Chloral Derivatives, Glutethimide, Mephenesin, Methylpentylol, Methylprylone, Oxyprenolol Hydrochloride, Other Sedatives, Stimulants Unspecified, Drinamyl, Appetite Suppressant, Diethylpropion, Phenmetrazine, Fenfluramine, Maizindol, Phenteramine, Other Stimulants, Methylphenidate, Pemoline, Prolintane, Fencamfamin, Caffeine, Other Psychoactive Drugs Unspecified, Procyclidine Hydrochloride, GHB/GBH, Minor Analgesics, Major Tranquilisers Unspecified, Chlorpromazine, Anti-diar/emetic, Naltrexone, Antabuse, Clonidine, Lofexidine, Acamprosate Calcium, Thiamine, Antipsychotic Unspecified, Depixol, Thioridazine, Trifluoperazine, Anti-inflammatory, Buspirone Hydrochloride, Beta-blockers.

“Other opiates”

This category is referred to in several tables and includes the following: Opiates Unspecified, Morphine Sulphate, Opium, Dihydrocodeine, Dextromoramide, Dipipanone, Pethidine, Morphine Sulphate Amps, Hydromorphone, Oxymorphone, Hydrocodone, Oxycodone, Levorphanol, Phenazocine, Piritramide, Codeine Tabs, Dextropropoxyphene, Pentazocine, Buprenorphine, Codeine Unspecified, Opiate Comp Analgesics, Nalbuphine, Alphaprodine, Anileridine, Ethoheptazine, Fentanyl, Phenoperidine, Meptazinol, Papaveretum, Tramadol, Hydrochloride, Opiate Cont Mixture, Codeine Linctus, Gee's Linctus, Collis-brown, Phensedyl, Actifed, Kaolin and Morphine, Other Opiates.

Clients referred

Refers to clients who were referred between April 2007 and March 2012. If more than 6 weeks elapsed between the end of a course of treatment and the start of a new course then the client is counted again.

Structured treatments

Includes inpatient detoxification, community detoxification, residential rehabilitation, substitute opioid prescribing and psychosocial interventions.

Less structured treatments

Includes counselling/support e.g. crisis intervention and information only. (From 2010-11 this has been revised to include practical/social support, complementary/alternative therapies and diversionary activities, brief interventions and harm reduction.

Incidence

The incidence of a particular condition is the number of individuals with this condition referred within a given time (usually a year). For example, if 15,000 individuals are referred with alcohol problems in Wales during 2011-12 then the incidence rate for 2011-12 is 500 per 100,000 population. The numbers notified to the database will underestimate the true extent of substance misuse.

The estimated incidence rates in this report are derived from a 2-stage process. First the referrals are reduced by the number of multiple attendees to produce the number of individuals. Second, the individuals with an unspecified main substance are allocated in the ratio 60:40 between alcohol and drugs (Chart 3).

Rate

Rate per 100,000 population based on ONS 2010 mid year estimates.

Treatment Outcome Profiles (TOPs)

These profiles measure the changes in client characteristics at regular intervals during treatment and at closure. The summary statistics on treatment outcomes included in this report utilise information gathered at the start of treatment ("Start TOPs") and at subsequent reviews which are done generally every three months ("Review TOPs"), usually as part of a care plan review and at discharge ("Exit TOPs"). More information on the introduction of TOPs is available from:

<http://wales.gov.uk/topics/housingandcommunity/safety/substancemisuse/pmf/top/?lang=en>

Key Quality Issues

Welsh National Database for Substance Misuse

The database contains details of all referrals to drug and alcohol agencies in Wales and is held by NHS Wales Informatics Service (NWIS). A full list of data items is shown in Annex 3.

Coverage

The data relates only to people presenting to the agencies and may constitute only a proportion of all substance misusers.

Data Quality

The data quality issues that affect this report can be found in Section 4.

Data processing cycle

All Service Providers in receipt of Welsh Government funding, to deliver substance misuse services are required to comply fully with the reporting requirements of the database. The data in this annual report is derived from a “frozen” version of the database at 17th July 2012. NWIS process the data and prepare tables following this freeze date.

Comparisons between Annual Reports

The database is dynamic i.e. records are subject to amendment as further information is submitted by agencies. This means that figures in this report are not directly comparable with those published in earlier reports.

The nature of the services provided and the variability of the internal structures of service providers have meant that data quality has always been difficult to maintain in the WNDSM. Some providers are still finding it difficult to submit some of the fields and in particular, are failing to close some cases at the appropriate time.

Chart 4 shows the status of all referrals submitted to the database for 2011-12 as at 17th July 2012 when the file was frozen for analytical purposes. This flow chart highlights the main problem areas for data quality. For example, 1,564 referrals (6 per cent) have no main substance specified (Box A). The 4,880 cases (Box N3) which were closed and categorised as “did not attend” before assessment or treatment also do not feature in the main analysis.

Treatment Outcome Profiles

The Treatment Outcomes Profile (TOP) was developed by the National Treatment Agency (NTA) in collaboration with Dr John Marsden and Dr Michael Farrell of the National Addiction Centre, Institute of Psychiatry, Kings College, London.

The items that appear in the TOP were psychometrically evaluated and demonstrated an acceptable level of reliability and validity. This evaluation is available in the peer

review journal *Addiction*. The abstract, and reference to the full article together with background information about the Treatment Outcome Profile are available from: <http://www.nta.nhs.uk/who-healthcare-top.aspx>

The information presented covers all recorded start, review and exit TOPs recorded on the database since April 2009 when the tool was first adopted in Wales.

The way in which clients has progressed through the system is illustrated in Chart 5. Information from a total of 26,397 Start TOPs was recorded of which a first review TOP was available for 9,704, a second review for 4,941, a third review for 2,823 and so on. At various stages cases have been closed and Exit TOPs conducted. It should be noted however that some cases remain open without further contact and this is likely to introduce biases when making comparisons between client characteristics at Start, Review and Exit TOPs.

Disclosure and confidentiality

The risk of disclosing information about an individual has been considered for this WNSMD dataset and with the current level of aggregation is considered to be very low.

Users and Uses

We believe the key users of these statistics are:

- Ministers and their advisors;
- Assembly members and Members Research Service in the National Assembly for Wales;
- Substance Misuse Treatment service providers;
- Substance Misuse Advisory Regional Teams (SMARTs);
- Communities and Local Government;
- Local government unitary authorities (elected members and officials);
- Students, academics and universities;
- Other areas of the Welsh Government;
- Other government departments; and
- Individual citizens and private companies.

The statistics are used in a variety of ways. Some examples of these include:

- Advice to Ministers;
- To assess treatment services performance against targets;
- To inform service improvement projects for areas of focus and opportunities for quality improvement

Annex 3: Common Dataset

Common Dataset

Extracted from 'Guidance for Community Safety Partnerships and Service Provider Agencies March 2012

Item No.	Data Item	Format/length
	Personal Details	
1	Agency Code/Practice Code	An6
1a	Unique Client ID (NHS Number)	N10
1b	Project Code	An6
1c	Project Description	Max. An50
2	First Letter of Last name	A1
3	First Letter of First name	A1
4	Date of Birth	D10
5	Gender	A1
8	Local Authority	N3
9	Postcode	An6
10	Ethnic Category	A1
10a	Ex-Service Personnel	A1
11	Agency Client Number	An15
12	1 st Language	N3
13	Number of Children under 18 Living Elsewhere	N2
14	Number of Children under 18 living with Client	N2
15	Number of Vulnerable Adults living with Client	N2
	Contact Details	
16	Date of Referral	D10
17	Referral Source	N2
18	Peer Mentoring Scheme	A1
19	Case Management (TOP Care Co-ordination)	A1
20	Date Assessment Completed	D10
20a	Date of Assessment Originally Offered	D10
21	Date Treatment Began	D10
21a	Date of Treatment Originally Offered	D10
23	Date Contact Ended	D10
24	Reason Contact Ended	N2
	Current Problem Profile	
25	Primary Substance Used	N4
26	Primary Substance Source	N2
27	Primary Substance Route of Ingestion	N1
28	Primary Substance Frequency of use	N2
29	Primary Substance Age first used	N3
30	Secondary Substance Used	N4

Item No.	Data Item	Format/length
31	Secondary Substance Source	N2
32	Secondary Substance Route of Ingestion	N1
33	Secondary Substance Frequency of use	N2
35	Other Substance used	N4
36	Other Substance Source	N2
37	Other Substance Route of Ingestion	N1
38	Other Substance Frequency of use	N2
40	Ever Injected	A1
41	Injected in the Last Month	A1
42	Ever Shared	A1
43	Age first Injected	N3
46	Age at first Treatment	N3
47	Weekly Alcohol Consumption Units	N3
	Health Details	
48	Pregnant	A1
49	Vaccinated Against Hepatitis B	A1
50	Vaccination Provided	A1
52	Diagnosed Mental Health Issues	A1
	Structured Treatment Modalities	
60	Inpatient Detoxification	A1
61	Community Detoxification	A1
62	Residential Rehabilitation	A1
63	Substitute Opioid (Methadone) and related Psychosocial Interventions	A1
64	Substitute Opioid (Buprenorphine) and related Psychosocial Interventions	A1
65	Psychosocial Interventions	A1
	Less Structured Interventions	
66	Practical / Social Support	A1
67	Complementary / alternative therapies and diversionary activities	A1
68	Brief Interventions	A1
69	Harm Reduction	A1
92	Record ID	A1
	Treatment Outcome Profile	
93	TOP Number	An6
94	TOP Interview Date	<u>D10</u>
95	Treatment Stage	A2
96	Average Alcohol	An3
97	Number of days Alcohol used	An3
98	Average Opiates	An3

Item No.	Data Item	Format/length
99	Number of days Opiates used	An3
100	Average Crack	An3
101	Number of days Crack used	An3
102	Average Cocaine	An3
103	Number of days Cocaine used	An3
104	Average Amphetamines	An3
105	Number of days Amphetamines used	An3
106	Average Cannabis	An3
107	Number of days Cannabis used	An3
108	Other Problem Substance Used	An4
109	Average Other Problem Substance	An3
110	Number of days Other Problem Substance used	An3
111	Injected Total	An3
112	Inject with Needle or Syringe used by someone else? Inject using a spoon, water or filter used by someone else?	An3
113	Shoplifting	An3
114	Drug Selling	An3
115	Theft from or of a vehicle, Other Property Theft or Burglary, Fraud, Forgery and Handling Stolen Goods	An3
116	Committing assault or violence	An3
117	Psychological Health	An3
118	Days paid work	An3
119	Days attended College or School	An3
120	Physical Health	An3
121	Acute Housing Problem	An3
122	Risk of Eviction	An3
123	Quality of life	An3
	Modalities Start and End Date	
124	Inpatient Detoxification Start Date	D10
125	Inpatient Detoxification End Date	D10
126	Community Detoxification Start Date	D10
127	Community Detoxification End Date	D10
128	Residential Rehabilitation Start Date	D10
129	Residential Rehabilitation End Date	D10
130	Substitute Opioid Prescribing (Methadone) Psychosocial Interventions Start Date	D10
131	Substitute Opioid Prescribing (Methadone) Psychosocial Interventions End Date	D10

Item No.	Data Item	Format/length
132	Substitute Opioid Prescribing (Buprenorphine) and Psychosocial Interventions Start Date	D10
133	Substitute Opioid Prescribing (Buprenorphine) and Psychosocial Interventions End Date	D10
134	Psychosocial Interventions Start Date	D10
135	Psychosocial Interventions End Date	D10
136	Practical / Social Support Intervention Start Date	D10
137	Practical / Social Support Intervention End Date	D10
138	Complementary / alternative therapies and diversionary activities Intervention Start Date	D10
139	Complementary / alternative therapies and diversionary activities Intervention End Date	D10
140	Brief Interventions Start Date	D10
141	Brief Interventions End Date	D10
142	Harm Reduction Intervention Start Date	D10
143	Harm Reduction Intervention End Date	D10

