



*National Treatment Agency  
for Substance Misuse*

National Drug Treatment Monitoring System (NDTMS)

## **NDTMS DATA SET H**

### **TECHNICAL DEFINITION**

|                 |                       |
|-----------------|-----------------------|
| <b>Author</b>   | <b>M. Hinchcliffe</b> |
| <b>Approver</b> | <b>M. Roxburgh</b>    |
| <b>Date</b>     | <b>24/01/2011</b>     |
| <b>Version</b>  | <b>8.02</b>           |

**REVISION HISTORY**

| <b>Version</b> | <b>Author</b> | <b>Purpose / Reason</b>  | <b>Date</b> |
|----------------|---------------|--|-------------|
| 6.0.0          | G Scott       | Initial Version for NDTMS Data Set F<br>New Fields<br>YP questions at Treatment Start<br>Discharge Destination<br>TOP Care Coordination<br>YP Questions at Treatment Exit  | 11/11/2008  |
| 6.0.1          | J. Jaswani    | YP Education Status at Treatment Exit changed from 9 characters to 8 characters (YPSEDSTAT changed to YPSESTAT) to comply with internal system requirements.   | 06/02/2009  |
| 6.0.2          | J. Jaswani    | Removal of Historical Item Accommodation Status as this is only concerned with CDS C.<br>Preferred Date format (YYYYMMDD)<br>Consent for NDTMS (CONSENT) is a mandatory field.<br>DAT of Residence (DAT) is a mandatory field.<br>Top Care Coordination (TOPCC) is an Alphanumeric field.<br>Date Sequences Diagram updated  | 09/02/2009  |
| 6.1.0          | R. Bull       | Consolidation of 6.0.1 and 6.0.2 changes   | 16/02/2009  |
| 6.1.1          | R. Bull       | YPESTD field entered twice - incorrect field position removed  | 25/02/2009  |
| 6.2            | M. Roxburgh   | Notification of intention to drop YP Parent in substance misuse and mental health treatment.   | 16/10/2009  |
| 6.2            | J.Jaswani     | Changed wording for verification rules 39 and 40 – Fields SHOULD contain a value rather than MUST contain a value.   | 16/10/2009  |
| 7.01           | J.Jaswani     | Introduction of new data items for Alcohol Records (i.e. Primary Drug Alcohol)<br>Drinking days more than binge limit - BINGEDAY<br>AUDIT Score - AUDITALC<br>Smoking Status - SMOKESTS<br>Treatment Goal – TREATGOL   | 09/11/2009  |
| 7.01           | J.Jaswani     | Changes to YP data set<br>Removed items (Removed from NDTMS Schema)<br>YP Parent in MH at Treatment Start - YPSMHTR<br>YP Parent in SM at Treatment Start – YPSSMTR<br>YP Involved in unsafe sex at Treatment Start – YPSUNSEX<br>YP has safe sex at Treatment Exit - YPESSEX<br>Introduction of new data items (Additions to NDTMS Schema)<br>Location of CLA – CLALOCTN<br>YP Registered with GP at Treatment Start – YPSGP<br>YP has CAF at Treatment Start – YPSCAF<br>YP in contact with learning difficulty services at Treatment Start – YPSLNDIF<br>YP in contact with learning difficulty services at Treatment Exit – YPELNDIF | 09/11/2009  |

| Version | Author         | Purpose / Reason   | Date       |
|---------|----------------|--|------------|
|         |                | YP Sexually Active at Treatment Start – YPSSEXAC<br>YP Sexually Active at Treatment Exit – YPESEXAC<br>Local Authority moved to core NDTMS data set.   |            |
| 7.02    | J.Jaswani      | <b>Removed items (Removed from NDTMS Schema)</b><br>Drinking days more than binge limit - BINGEDAY<br>AUDIT Score - AUDITALC<br>Smoking Status - SMOKESTS<br>Treatment Goal – TREATGOL<br><b>Changes to field Descriptions</b><br>DoB – Person Birth Date<br>Sex – Person gender at registration   | 01/03/2010 |
| 7.03    | M. Hinchcliffe | Updated following rewording of YP learning difficulties question to refer to disability services only.<br>Items updated:<br>– YP Involved with Learning Difficulty Services at Treatment Start<br>– YP Involved with Learning Difficulty Services at Treatment Exit  | 21/04/2010 |
| 7.04    | M. Hinchcliffe | Added section 14, Implementation of Core Data Set Changes.<br>Added rule 47.<br>Added to Section 12 <i>"In all cases, both client and episode data must be included in all rows."</i>  | 11/05/2010 |
| 7.05    | M. Hinchcliffe | Rule 47 applied to 'CLIENTID' and 'EPISODID'<br><i>'Must not hold or be composed of attributers which might identify the individual'</i>   | 03/09/2010 |
| 7.06    | M. Hinchcliffe | Sex Worker Category data item removed.<br>This item was previously included within the data set for collection and use at regional level only.<br>Following consultation, this data item will be removed from the data set at the next revision in April 2011. In the interim, the NDTMS systems will be amended to exclude any data submitted in this field and cease any entries from being uploaded onto the database.  | 01/10/2010 |
| 8.00    | M. Hinchcliffe | The following fields have been updated to be mandatory and must be completed in all records:<br><ul style="list-style-type: none"> <li>• Client ID</li> <li>• Episode ID</li> <li>• Modality ID</li> <li>• TOP ID</li> </ul><br>'Local Authority' field (previously a local field) is now part of the Core Data Set and is mandatory. 'Local Authority' must be completed in all records.<br><br>'Sex Worker Category' field removed from data set.<br><br>New field added to YP Core Data Set, 'YP a Looked After Child' (permissible values 'Yes', 'No', 'Not known'). | 25/10/2010 |

| Version | Author         | Purpose / Reason   | Date       |
|---------|----------------|--|------------|
|         |                | <p>Rule 46 amended to 'Field should contain a value if 'YP is a Looked After Child' is 'Yes''</p> <p>New fields added to YP Core Data Set:</p> <ul style="list-style-type: none"> <li>• 'YP Frequency of use of drug 1 at treatment start'</li> <li>• 'YP Frequency of use of drug 1 at treatment exit'</li> </ul> <p>(Permissible values '0 to 28' or '98')</p> <p>New field added to YP Core Data Set - 'YP treatment being delivered in a specific residential placement'. Permissible values:</p> <ul style="list-style-type: none"> <li>• No</li> <li>• Yes – Detox CAMHS patient</li> <li>• Yes – Detox adult ward</li> <li>• Yes – In reach community detox</li> <li>• Yes – Psychotherapeutic intervention</li> </ul> <p>New fields added to YP Core Data Set - 'YP engaged in unsafe sex at treatment start/exit'. Permissible values:</p> <ul style="list-style-type: none"> <li>• No</li> <li>• Yes</li> <li>• Not asked</li> </ul> <p>New fields added to Core Data Set - 'Hep C Tested'. Permissible values:</p> <ul style="list-style-type: none"> <li>• No</li> <li>• Yes</li> <li>• Not asked</li> </ul> <p>The value of 'Child Looked After' removed from the permissible values for the field 'Accommodation Need'</p> <p>Verification rule 46 updated to "Field should contain a value if 'YP is a Looked After Child' is 'Yes'" and is associated to 'CLA Location' field.</p> <p>New field added to Core Data Set for 'GP Practice Code'. This field has been added to the data-set in order to support potential future reporting requirements from the NDTMS. Should this be required, further information regarding the validation and submission of GP practice codes will be issued.</p> |            |
| 8.02    | M. Hinchcliffe | Verification rule 48 added: If 'GP Practice' is not blank, field must be populated by 6 characters, where first character is alphabetic followed by five numbers (for example, A12345)   | 24/01/2011 |

## EXTERNAL REFERENCES

| Ref No | Title  | Version |
|--------|--|---------|
| 1      | <a href="#">NDTMS Data Set - Reference Data Core Data Set</a>                              | 8.02    |
| 2      | <a href="#">NDTMS CSV Input File Format</a>  | 8.02    |
| 3      | <a href="#">NDTMS Data Set Business Definition for Adult Alcohol Treatment Providers</a>   | 8.02    |
| 4      | <a href="#">NDTMS Data Set Business Definition for Adult Drug Treatment Providers</a>      | 8.02    |
| 5      | <a href="#">NDTMS Data Set Business Definition for Young People's Treatment Providers.</a> | 8.02    |

This document uses the convention that any external references are indicated by square brackets e.g. [3]

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## 1 INTRODUCTION

This document establishes the technical definition (data schema) for the NDTMS Data Set – this is the set of data items to be collected and loaded into the National Drug Treatment Monitoring System (NDTMS).

It establishes for each item:

- A (descriptive) name
- Permissible values
- Verification rules

The NDTMS Data Set Business Definition documents (Refs [3], [4] and [5]) detail the business definitions for the fields in the NDTMS Data Set.

## **2 FILE FORMAT**

The file format in which the NDTMS Data Set can be submitted to NDTMS is defined in Ref [2].

### **3 VERSION OF NDTMS DATA SET**

To assist with the operational handling of CSV input files (see Ref[2]), each significant change to the NDTMS Data Set is allocated a version number.

The current version (commonly referred to as the NDTMS Data Set 'H') will come into effect for national data collection from 1<sup>st</sup> April 2011.

## **4 DESIGN CONSTRAINTS – CODE vs. NAME**

Some data items (i.e. PCT, Main Problem Substance, and Secondary Problem Substance) present significant problems to agency personnel when collecting data from the client.

These items typically have a large number of permissible values – so many that the data entry person cannot be expected to remember them all. Rather than enter the exact code, it is only necessary to enter a text string describing the item. For example, in the case of Drugs, entering the name “Crack” would give the code “3201”.

For these fields, either the code or the textual value may be entered.

## 5 DATA ENTITIES

The data items (listed later in this document) may be considered as belonging to one of five different sections or groups. These are:

1. Client details
2. Referral Episode (including client details, which may vary over time)
3. Treatment Modality/Intervention details
4. Treatment Outcomes Profile (TOP) details
5. Local (i.e. regional) fields whose usage will depend on regional requirements

In general, all data is required. Those fields labelled "Mandatory" must be provided on all records, all other fields should be provided as and when the client progresses through their treatment journey.

The only fields that may not be required are those fields in section 5 of the NDTMS DATA SET FIELDS table; they are for the use of one or more regions. The requirement to provide this data will be determined at the regional level.

Note that if the client has not given consent for the data to be shared with NDTMS, then only the <Agency Code>, <Consent for NDTMS> and <Client Id> need to be provided – for further clarification please refer to Section 6 below.

The <Client Id>, <Episode Id> and <Modality Id> fields are included for technical support purposes. It is expected that the nature of their population will depend upon the clinical software used by the agency, which produces the NDMTS CSV extract – for further clarification see Refs [3], [4] and [5].

## 6 EXTRACTION CRITERIA FOR NO CONSENT RECORDS

All extraction criteria are covered in Ref[2].

Where the client has **not given consent** for their data to be shared with NDTMS, then the <Consent for NDTMS> field should be populated with an "N" and the <Client Id> field populated with an identifier which uniquely identifies the client in the source system – apart from the <Agency Code> no other fields for this record should be populated.

Note the <Client Id> must not contain any attributable information; a possible source for this field could be the row number of the client in the source system – for further clarification see Refs [3], [4] and [5].

**Note:** Consent is at the episode level, so it is possible that a client could consent to one episode and then not consent to another (in which case, there would be two records)

If the client had three episodes (two of which are no-consented) then it is the choice of the software supplier as to whether they produce one or two no-consent records – it does not make any difference to NTA as the NTA simply counts the number of clients that have no consented (rather than the number of their episodes).

## **7 REGIONAL ITEMS**

A number of regions have in the past requested that their treatment providers collect additional data items – this led to software suppliers being approached individually and asked to produce special variations of the NDTMS Core Data Set.

These items have now been incorporated into the NDTMS Core Data Set, so that a uniform layout can be maintained nationally. It is expected that the list of such items will be reviewed with the regions periodically, and synchronised with up-issues of the NDTMS Core Data Set.

Whether or not these items are populated with data will depend on the region in which the treatment provider operates.

## 8 NDTMS DATA SET FIELDS

| Sect No | Col No | Field Description              | CSV File Header | Layout     | Mandatory? | Additional Rules | CDS Introduced |
|---------|--------|--------------------------------|-----------------|------------|------------|------------------|----------------|
| 1       | 1      | Initial of Client's First Name | FINITIAL        | A          | Mandatory  | 1; 2;            | CDS – A/Apr 04 |
|         | 2      | Initial of Client's Surname    | SINITIAL        | A          | Mandatory  | 1; 2;            | CDS – A/Apr 04 |
|         | 3      | Person Birth Date              | DOB             | YYYY-MM-DD | Mandatory  | 1; 2; 3; 6, 7    | CDS – A/Apr 04 |
|         | 4      | Person gender at registration  | SEX             | A          | Mandatory  | 1; 2; 4;         | CDS – A/Apr 04 |
|         | 5      | Ethnicity                      | ETHNIC          | A          |            | 1; 4;            | CDS – A/Apr 04 |
|         | 6      | Nationality                    | NATION          | C(50)      |            | 1: 4             | CDS – D/Apr 07 |

| Sect No | Col No                  | Field Description  | CSV File Header | Layout     | Mandatory? | Additional Rules | CDS Introduced |
|---------|-------------------------|--------------------|-----------------|------------|------------|------------------|----------------|
| 2       | 7                       | Referral Date      | REFLD           | YYYY-MM-DD | Mandatory  | 1; 2; 3; 7; 31   | CDS – A/Apr 04 |
|         | 8                       | Agency Code        | AGNCY           | C(6)       | Mandatory  | 1; 2; 4;         | CDS – A/Apr 04 |
|         | 9                       | Client Reference   | CLIENT          | C(36)      |            | 1; 47            | CDS – A/Apr 04 |
|         | 10                      | Client Id          | CLIENTID        | C(36)      | Mandatory  | 1; 2; 20; 47     | CDS – C/Apr 06 |
|         | 11                      | Episode Id         | EPISODID        | C(36)      | Mandatory  | 1; 2; 47         | CDS – C/Apr 06 |
|         | 12                      | Consent for NDTMS  | CONSENT         | A          | Mandatory  | 1; 2; 5; 20      | CDS – C/Apr 06 |
|         | 13                      | Previously treated | PREVTR          | A          |            | 1; 5;            | CDS – A/Apr 04 |
|         | 14                      | Post Code          | PC              | C(8)       |            | 1; 28            | CDS – A/Apr 04 |
|         | 15                      | Accommodation Need | ACCMNEED        | C(50)      |            | 1; 4;            | CDS – D/Apr 07 |
|         | 16                      | Location of CLA    | CLALOCTN        | C(50)      |            | 1; 4; 46;        | CDS – G/Apr 10 |
| 17      | YP a Looked After Child | YPLAC              | C(50)           |            | 1; 4; 39   | CDS – H/Apr 11   |                |

| Sect No | Col No | Field Description  | CSV File Header | Layout | Mandatory? | Additional Rules | CDS Introduced |
|---------|--------|--|-----------------|--------|------------|------------------|----------------|
|         | 18     | Parental Status  | PRNTSTAT        | C(50)  |            | 1; 4             | CDS – C/Apr 06 |
|         | 19     | YP lead professional at treatment start                          | YPSLEAD         | C(50)  |            | 1; 4; 39         | CDS - F/Apr 09 |
|         | 20     | YP in contact with MH services at treatment start                | YPSMHS          | C(50)  |            | 1; 4; 39         | CDS - F/Apr 09 |
|         | 21     | YP in contact with YOT at treatment start                        | YPSYOT          | C(50)  |            | 1; 4; 39         | CDS - F/Apr 09 |
|         | 22     | YP Involved in Sexual Exploitation at treatment start            | YPSSEXEX        | C(50)  |            | 1; 4; 39         | CDS - F/Apr 09 |
|         | 23     | YP Involved in Self Harm at treatment start                      | YPSLFFHM        | C(50)  |            | 1; 4; 39         | CDS - F/Apr 09 |
|         | 24     | YP Involved in unsafe drug use at treatment start                | YPSUNSDR        | C(50)  |            | 1; 4; 39         | CDS - F/Apr 09 |
|         | 25     | YP Involved in offending at treatment start                      | YPSOFFND        | C(50)  |            | 1; 4; 39         | CDS - F/Apr 09 |
|         | 26     | YP Education status at treatment start                           | YPSSESTAT       | C(50)  |            | 1; 4; 39         | CDS - F/Apr 09 |
|         | 27     | YP registered with GP at Treatment Start                         | YPSGP           | C(50)  |            | 1; 4; 39         | CDS – G/Apr 10 |
|         | 28     | YP has CAF at Treatment Start                                    | YPSCAF          | C(50)  |            | 1; 4; 39         | CDS – G/Apr 10 |
|         | 29     | YP in contact with disability services at treatment start        | YPSLNDIF        | C(50)  |            | 1; 4; 39         | CDS – G/Apr 10 |
|         | 30     | YP Engaged in Unsafe Sex at treatment start                      | YPSUSS          | C(50)  |            | 1; 4; 39         | CDS – H/Apr 11 |
|         | 31     | YP Frequency of use of drug 1 at treatment start                 | YPSFOU          | N(2)   |            | 1; 39            | CDS – H/Apr 11 |
|         | 32     | YP treatment being delivered in a specific residential placement | YPTSREP         | C(50)  |            | 1; 4; 39         | CDS – H/Apr 11 |
|         | 33     | DAT of residence   | DAT             | C(50)  | Mandatory  | 1; 2; 4          | CDS – A/Apr 04 |
|         | 34     | PCT of residence   | PCT             | C(50)  |            | 1; 4             | CDS – A/Apr 04 |
|         | 35     | Local Authority  | LA              | C(50)  | Mandatory  | 1; 2; 4          | CDS – G/Apr 10 |
|         | 36     | GP Practice Code   | GPPTCE          | C(6)   |            | 1, 48            | CDS – H/Apr 11 |
|         | 37     | Problem Substance No 1   | DRUG1           | C(50)  | Mandatory  | 1; 2; 4          | CDS – A/Apr 04 |
|         | 38     | Age of first use of Problem Substance No 1                       | DRUG1AGE        | N(3)   |            | 1; 21            | CDS – C/Apr 06 |

| Sect No | Col No | Field Description                                 | CSV File Header | Layout     | Mandatory? | Additional Rules                    | CDS Introduced |
|---------|--------|---|-----------------|------------|------------|-------------------------------------|----------------|
|         | 39     | Route of Administration of Problem Substance No 1 | ROUTE           | A          |            | 1; 4                                | CDS – A/Apr 04 |
|         | 40     | Problem Substance No 2                            | DRUG2           | C(50)      |            | 1; 4                                | CDS – A/Apr 04 |
|         | 41     | Problem Substance No 3                            | DRUG3           | C(50)      |            | 1; 4                                | CDS – B/Apr 05 |
|         | 42     | Referral Source                                   | RFLS            | N(2)       |            | 1; 4                                | CDS – A/Apr 04 |
|         | 43     | Triage Date                                       | TRIAGED         | YYYY-MM-DD | Mandatory  | 1; 2; 3; 7; 9;32; 38                | CDS – A/Apr 04 |
|         | 44     | Care Plan Started Date                            | CPLANDT         | YYYY-MM-DD |            | 1; 7; 14, 31                        | CDS – B/Apr 05 |
|         | 45     | Injecting Status                                  | INJSTAT         | A          |            | 1; 4;                               | CDS – A/Apr 04 |
|         | 46     | Children  | CHILDWTH        | N(2)       |            | 1; 22                               | CDS – D/Apr 07 |
|         | 47     | Pregnant  | PREGNANT        | A          |            | 1; 5                                | CDS – D/Apr 07 |
|         | 48     | Drinking Days                                     | ALCDDAYS        | N(2)       |            | 1; 23; 27                           | CDS – D/Apr 07 |
|         | 49     | Units of Alcohol                                  | ALCUNITS        | N(3)       |            | 1; 24; 27                           | CDS – D/Apr 07 |
|         | 50     | Dual Diagnosis                                    | DUALDIAG        | A          |            | 1; 5                                | CDS – D/Apr 07 |
|         | 51     | Hep C – Latest Test Date                          | HEPCTSTD        | YYYY-MM-DD |            | 1: 7; 15, 31                        | CDS – B/Apr 05 |
|         | 52     | Hep C – Intervention Status                       | HEPCSTAT        | C(50)      |            | 1; 4                                | CDS – D/Apr 07 |
|         | 53     | Hep C Tested                                      | HEPCTD          | C(50)      |            | 1; 4                                | CDS – H/Apr 11 |
|         | 54     | Hep B Vaccination Count                           | HEPBVAC         | C          |            | 1;4                                 | CDS – B/Apr 05 |
|         | 55     | Hep B Intervention Status                         | HEPBSTAT        | C          |            | 1:4;                                | CDS – B/Apr 05 |
|         | 56     | Drug Treatment Health Care Assessment Date        | HLCASSDT        | YYYY-MM-DD |            | 1; 7; 17, 31; 38                    | CDS – C/Apr 06 |
|         | 57     | TOP Care Coordination                             | TOPCC           | A          |            | 1; 5                                | CDS - F/Apr 09 |
|         | 58     | Discharge Date                                    | DISD            | YYYY-MM-DD |            | 1; 3; 7; 10; 13; 33; 34; 35; 36; 38 | CDS – A/Apr 04 |
|         | 59     | Discharge Reason                                  | DISRSN          | N(2)       |            | 1; 4; 13;                           | CDS – A/Apr 04 |

| Sect No | Col No | Field Description  | CSV File Header | Layout | Mandatory? | Additional Rules | CDS Introduced |
|---------|--------|--|-----------------|--------|------------|------------------|----------------|
|         | 60     | Discharge Destination                                    | DISDEST         | C(50)  |            | 1;4              | CDS - F/Apr 09 |
|         | 61     | YP lead professional at treatment exit                   | YPELEAD         | C(50)  |            | 1; 4; 40         | CDS - F/Apr 09 |
|         | 62     | YP in contact with MH services at treatment exit         | YPEMHS          | C(50)  |            | 1; 4; 40         | CDS - F/Apr 09 |
|         | 63     | YP in contact with YOT at treatment exit                 | YPEYOT          | C(50)  |            | 1; 4; 40         | CDS - F/Apr 09 |
|         | 64     | YP Involved in Sexual Exploitation at treatment exit     | YPESEXEX        | C(50)  |            | 1; 4; 40         | CDS - F/Apr 09 |
|         | 65     | YP Involved in Self Harm at treatment exit               | YPESLFHM        | C(50)  |            | 1; 4; 40         | CDS - F/Apr 09 |
|         | 66     | YP Involved in unsafe drug use at treatment exit         | YPEUNSDR        | C(50)  |            | 1; 4; 40         | CDS - F/Apr 09 |
|         | 67     | YP Involved in offending at treatment exit               | YPEOFFND        | C(50)  |            | 1; 4; 40         | CDS - F/Apr 09 |
|         | 68     | YP has CAF at treatment exit                             | YPECAFE         | C(50)  |            | 1; 4; 40         | CDS - F/Apr 09 |
|         | 69     | YP Frequency of use of drug 1 at treatment exit          | YPEFOU          | N(2)   |            | 1; 39            | CDS - H/Apr 11 |
|         | 70     | YP in contact with disability services at treatment exit | YPELNDIF        | C(50)  |            | 1; 4; 40         | CDS - G/Apr 10 |
|         | 71     | YP Engaged in Unsafe Sex at treatment exit               | YPEUSS          | C(50)  |            | 1; 4; 40         | CDS - H/Apr 11 |
|         | 72     | YP Sexual Health Interventions at treatment exit         | YPESTD          | C(50)  |            | 1; 4; 40         | CDS - F/Apr 09 |
|         | 73     | YP registered with GP at treatment exit                  | YPEGP           | C(50)  |            | 1; 4; 40         | CDS - F/Apr 09 |
|         | 74     | YP met goals agreed on care plan at treatment exit       | YPECAREP        | C(50)  |            | 1; 4; 40         | CDS - F/Apr 09 |

| Sect No | Col No | Field Description                              | CSV File Header | Layout     | Mandatory              | Additional Rules   | CDS Introduced |
|---------|--------|--|-----------------|------------|------------------------|--------------------|----------------|
| 3       | 75     | Treatment Modality                             | MODAL           | N(2)       | Mandatory <sup>1</sup> | 1; 4; 8;           | CDS – A/Apr 04 |
|         | 76     | Date Referred to Modality                      | REFMODDT        | YYYY-MM-DD | Mandatory <sup>1</sup> | 1; 3; 7; 8; 18, 31 | CDS – C/Apr 06 |
|         | 77     | Modality Id                                    | MODID           | C(36)      | Mandatory <sup>1</sup> | 1                  | CDS – C/Apr 06 |
|         | 78     | Date of First Appointment Offered for Modality | FAOMODDT        | YYYY-MM-DD |                        | 1; 7; 19           | CDS – C/Apr 06 |
|         | 79     | Modality Start Date                            | MODST           | YYYY-MM-DD |                        | 1; 3; 7; 11; 25;34 | CDS – A/Apr 04 |
|         | 80     | Modality End Date                              | MODEND          | YYYY-MM-DD |                        | 1; 3; 7; 12; 26    | CDS – A/Apr 04 |
|         | 81     | Modality Exit Status                           | MODEXIT         | C(50)      |                        | 1; 4; 26           | CDS – D/Apr 07 |

| Sect No | Col No | Field Description                     | CSV File Header | Layout     | Mandatory              | Additional Rules            | CDS Introduced |
|---------|--------|---------------------------------------|-----------------|------------|------------------------|-----------------------------|----------------|
| 4       | 82     | Treatment Outcomes Profile (TOP) date | TOPDATE         | YYYY-MM-DD | Mandatory <sup>1</sup> | 1; 3; 7; 32; 33; 34; 35; 36 | CDS – E/Oct 07 |
|         | 83     | TOP Id                                | TOPID           | C(36)      | Mandatory <sup>1</sup> | 1                           | CDS – E/Oct 07 |
|         | 84     | Treatment Stage                       | TRSTAGE         | C          | Mandatory <sup>1</sup> | 1; 4;43;44                  | CDS – E/Oct 07 |
|         | 85     | Alcohol use                           | ALCUSE          | C(2)       | Mandatory <sup>1</sup> | 1, 29;                      | CDS – E/Oct 07 |
|         | 86     | Opiate use                            | OPIUSE          | C(2)       | Mandatory <sup>1</sup> | 1, 29;                      | CDS – E/Oct 07 |
|         | 87     | Crack use                             | CRAUSE          | C(2)       | Mandatory <sup>1</sup> | 1, 29;                      | CDS – E/Oct 07 |
|         | 88     | Cocaine use                           | COCAUSE         | C(2)       | Mandatory <sup>1</sup> | 1, 29;                      | CDS – E/Oct 07 |
|         | 89     | Amphetamine use                       | AMPHUSE         | C(2)       | Mandatory <sup>1</sup> | 1, 29;                      | CDS – E/Oct 07 |
|         | 90     | Cannabis use                          | CANNUSE         | C(2)       | Mandatory <sup>1</sup> | 1, 29;                      | CDS – E/Oct 07 |
|         | 91     | Other drug use                        | OTDRGUSE        | C(2)       | Mandatory <sup>1</sup> | 1, 29;                      | CDS – E/Oct 07 |

<sup>1</sup>Mandatory if any items in this section above are not null.

| Sect No | Col No | Field Description           | CSV File Header | Layout | Mandatory              | Additional Rules | CDS Introduced |
|---------|--------|-----------------------------|-----------------|--------|------------------------|------------------|----------------|
|         | 92     | IV drug use                 | IVDRGUSE        | C(2)   | Mandatory <sup>1</sup> | 1, 29;42         | CDS – E/Oct 07 |
|         | 93     | Sharing                     | SHARING         | A(2)   | Mandatory <sup>1</sup> | 1, 37;42         | CDS – E/Oct 07 |
|         | 94     | Shop theft                  | SHOTHEFT        | C(2)   | Mandatory <sup>1</sup> | 1, 29            | CDS – E/Oct 07 |
|         | 95     | Drug selling                | DRGSELL         | C(2)   | Mandatory <sup>1</sup> | 1, 29;           | CDS – E/Oct 07 |
|         | 96     | Other theft                 | OTHTHEFT        | A(2)   | Mandatory <sup>1</sup> | 1, 37;           | CDS – E/Oct 07 |
|         | 97     | Assault/violence            | ASSAULT         | A(2)   | Mandatory <sup>1</sup> | 1, 37;           | CDS – E/Oct 07 |
|         | 98     | Psychological health status | PSYHSTAT        | C(2)   | Mandatory <sup>1</sup> | 1, 30;           | CDS – E/Oct 07 |
|         | 99     | Paid work                   | PWORK           | C(2)   | Mandatory <sup>1</sup> | 1, 29;           | CDS – E/Oct 07 |
|         | 100    | Education                   | EDUCAT          | C(2)   | Mandatory <sup>1</sup> | 1, 29;           | CDS – E/Oct 07 |
|         | 101    | Acute housing problem       | ACUTHPBM        | A(2)   | Mandatory <sup>1</sup> | 1, 37;           | CDS – E/Oct 07 |
|         | 102    | Housing risk                | HRISK           | A(2)   | Mandatory <sup>1</sup> | 1, 37;           | CDS – E/Oct 07 |
|         | 103    | Physical health status      | PHSTAT          | C(2)   | Mandatory <sup>1</sup> | 1, 30;           | CDS – E/Oct 07 |
|         | 104    | Quality of Life             | QUALLIFE        | C(2)   | Mandatory <sup>1</sup> | 1, 30;           | CDS – E/Oct 07 |

The following columns are "local" fields, and are used by one or more regions. These local fields relate to a clients episode or in some instances the clients modality (section 6). They are to be used only at the express direction of the specific regional NDTMS database manager (if in doubt, leave unpopulated). Irrespective of whether they are actually populated with data, the column headers must appear in the CSV file.

| Sect No | Col No | Field Description                         | CSV File Header | Layout | Mandatory | Additional Rules | CDS Introduced |
|---------|--------|---|-----------------|--------|-----------|------------------|----------------|
| 5       | 105    | Injected in last 28 days?                 | INJECT          | A      |           | 1; 5             | CDS – B/Apr 05 |
|         | 106    | Ever Shared?                              | SHARE           | A      |           | 1; 5             | CDS – B/Apr 05 |
|         | 107    | Previously Hep B Infected?                | PREVHEPB        | A      |           | 1; 5             | CDS – B/Apr 05 |
|         | 108    | Hep C Positive?                           | HEPCPOS         | A      |           | 1; 5             | CDS – B/Apr 05 |
|         | 109    | Referred for Hepatology?                  | REFHEPGY        | A      |           | 1; 5             | CDS – B/Apr 05 |
|         | 110    | Sexuality                                 | SEXUAL          | C(50)  |           | 1; 4             | CDS – D/Apr 07 |
|         | 111    | Employment Status                         | EMPSTAT         | N      |           | 1; 4             | CDS – C/Apr 06 |
| 6       | 112    | Local Agency Details (Modality data item) | OPRAGNCY        | C(50)  |           | 1;               | CDS – G/Apr 10 |

**Key:**

- N Numeric
- A Alphabetic (Upper Case)
- C Alphanumeric
- DD Numeric Day (including a leading zero, if relevant)
- MM Numeric Month (including a leading zero, if relevant)
- YYYY Numeric Year

## 9 VERIFICATION RULES

When the data is received by NDTMS, it is subjected to a validation process. To assist system design, details of this process are given below – however, it must be emphasised that these checks must NOT be used as part of the data extraction process – it is better that NDTMS receives data with errors in it, rather than missing some data.

In the table described in Section 8, if present (i.e. not null) each data item will be subjected to none, one or more Verification Rules, specified as follows. (Note this list refers to the most significant validations performed and does not include the information messages that NDTMS also generates.

| Rule No | Description  |
|---------|--|
| 1       | There must be no leading spaces in any field   |
| 2       | Field is mandatory   |
| 3       | Must be a valid date, down to the day (e.g. in the form YYYY-MM-DD)  |
| 4       | Must be as specified in the appropriate sub-section of Section 4 of Ref[1]. May be provided as code or text value.   |
| 5       | Must be Y or N - May be provided as code or text value   |
| 6       | Date of Birth must be after 1902, and before Referral Date, reporting period end date (One year plus one day before Referral Date)   |
| 7       | Date must be historic (i.e. on or before the current date)   |
| 8       | Mandatory if any of following fields not null – Treatment Modality; Date Referred to Modality; Modality Id, Date of First Appointment Offered for Modality; Modality Start Date; Modality End Date; Modality Exit. |
| 9       | Triage/First Presentation Date must occur on or after the Referral Date, and on or before the Modality Start Date and Discharge Date   |
| 10      | Discharge Date must occur on or after the Referral Date, Triage/First Presentation Date and Modality End Date  |
| 11      | Modality Start Date must occur on or after the Triage/First Presentation Date and on or before the Modality End Date and Discharge Date  |
| 12      | Modality End Date must occur on or after the Modality Start Date and on or before Discharge Date   |
| 13      | Discharge Reason must be provided if Discharge Date is present (and vice versa)  |
| 14      | Care Plan Started Date must occur on or after the Triage/First Presentation Date and on or before Discharge Date   |
| 15      | Hep C Latest Test Date must occur after the Date of Birth and be no more than 1 year after the Discharge Date  |
| 16      | Referral Date must occur after the Date of Birth, and on or before Triage/First Presentation Date and reporting period end date  |
| 17      | Health Care Assessment Date must occur after the Date of Birth and on or before Discharge Date   |

| Rule No | Description  |
|---------|--|
| 18      | Date Referred to Modality must occur after the Date of Birth and on or before Date of First Appointment Offered for Modality, Modality Start Date and Discharge Date   |
| 19      | Date of First Appointment Offered for Modality must occur on or after Referral Date and Date Referred to Modality and on or before Modality Start Date and Discharge Date  |
| 20      | If Consent for NDTMS is not Y then Client ID must be given and an agency code  |
| 21      | Age of first use must be less than or equal to the clients age at referral   |
| 22      | Number of children must be a value between 0 and 30 (inclusive)  |
| 23      | Number of days must be a value between 0 and 28 (inclusive)  |
| 24      | Units of Alcohol must be a value between 0 and 200 (inclusive)   |
| 25      | Modality Start Date must be provided if Modality End Date is present   |
| 26      | Modality Exit must be provide if Modality End Date is present (and visa versa)   |
| 27      | Drinking Days must be provided if Units of Alcohol is present (and visa versa)   |
| 28      | The Post Outcode and the Post Incode must be separated by a space (e.g. WC1V 2AB or NW7 3)   |
| 29      | Number of days in previous 28 days. Value must be between 0 and 28 (inclusive) or NA (not answered)  |
| 30      | Client reported score between 0 and 20. Value must be between 0 and 20 (inclusive) or NA (not answered)  |
| 31      | Date must be on or after Date of Birth (plus 1 year and 1 day)   |
| 32      | TOP date must occur on or after Referral date and on or after Triage Date  |
| 33      | TOP (with a classification of a treatment stage of Treatment Start) must be before all Review TOP dates; must be before all Treatment Exit TOP dates; must be before all Post Treatment Exit TOP dates; must be on or before the (episode) Discharge date.           |
| 34      | TOP (with a classification of a treatment stage Review) must be after all Treatment Start TOP dates; must be before all Treatment Exit TOP dates; must be before all Post Treatment Exit TOP dates.  |
| 35      | TOP (with a classification of a treatment stage of Treatment Exit) must be after all Treatment Start TOP dates; must be after all Review TOP dates; must be before all Post Treatment Exit TOP dates; must be +/- 14 days of the (episode) Discharge date.           |
| 36      | TOP (with a classification of a treatment stage of Post Treatment Exit) must be after all Treatment Start TOP dates; must be after all review TOP dates; must be after all Treatment Exit TOP dates; must be on or before the (episode) Discharge date plus 2 years. |
| 37      | Must be Y or N or NA (not answered)  |

| Rule No | Description  |
|---------|--|
| 38      | HLCASSDT must be on or after TRIAGE Date, but before DISCHARGE Date. - (This is an informational message ONLY)   |
| 39      | Field should contain a value if there is a Modality Start date for a structured Intervention – Applicable to YP Treatment Providers only                   |
| 40      | Field should contain a value if the episode has been closed (Discharge date is present) – Applicable to YP Treatment Providers only                        |
| 41      | Field must contain a value if TOP data is being provided (TOP date is present)   |
| 42      | A value of IV Drug Use = 0 and Sharing = yes is not permissible  |
| 43      | Only one TOP can be submitted per episode for Treatment Start TOP  |
| 44      | If a client is discharged 'referred on/Transferred (code 5/83/84)', then a Treatment Exit TOP should not be present  |
| 45      | Field should contain a value if it is an Alcohol Record (Drug 1 is Alcohol)  |
| 46      | Field should contain a value if 'YP is a Looked After Child' is 'Yes'  |
| 47      | Must not hold or be composed of attributers which might identify the individual  |
| 48      | If 'GP Practice' is not blank, field must be populated by 6 characters, where first character is alphabetic followed by five numbers (for example, A12345) |



## **11 HISTORICAL FIELDS**

The following historical fields may be included in CDS-F files:

- Frequency of Use of Problem Substance No 1 (CDS C-E)

Any data provided will be subject to the validation rules that were present when the field was included in the NDTMS Data Set.

## **12 FILES CONTAINING TREATMENT OUTCOMES PROFILE (TOP) DATA AND TREATMENT MODALITY DATA**

When providing TOP data, NO Modality data may be provide on the same row.

When providing Modality data, NO TOP data may be provided on the same row.

In all cases, both client and episode data must be included in all rows.

## **13 FILE NAMING STANDARDS & LAYOUT**

Ref [2] documents the naming standard and layout to be used.

## 14 IMPLEMENTATION OF CORE DATA SET CHANGES

Core Data Set changes are specified as changes to the schema, and as changes to the reference data, which are the code sets used within the schema.

Data set changes should only be applied to client records that relate to activity during the period the codes are specified. For clarity, these changes **should not** be applied retrospectively to client records that do not meet these criteria. This applies to both schema and reference data code sets.

For those data items that may change throughout the treatment episode (as defined in the business definitions [3], [4] and [5] as "may change"), the reference data values in operation at the time of the change should be used.

The table below outlines each item within [1] and, for each item, displays the 'trigger' date for implementation of new reference data sets. Any changes to the reference data displayed should be 'triggered' where the associated date is in on or after the implementation date of the current Core Data Set (currently 1 April 2010).

For example, within Core Data Set 'G', any changes to the 'Discharge Reason codes' should be applied to any record where the 'Discharge date' is greater than or equal to 1 April 2010.

| Reference Data item                                       | 'Trigger' Date |
|---|----------------|
| Sex   | Triage Date    |
| Ethnicity   | Triage Date    |
| Nationality   | Triage Date    |
| Agency  | Triage Date    |
| Consent for NDTMS   | Triage Date    |
| Previously treated  | Triage Date    |
| Post Code mappings  | Triage Date    |
| Accommodation Need  | Triage Date    |
| Location of CLA   | Triage Date    |
| YP a Looked After Child                                   | Triage Date    |
| Parental Status   | Triage Date    |
| Children  | Triage Date    |
| YP registered with GP at Treatment Start                  | Triage Date    |
| YP has CAF at Treatment Start                             | Triage Date    |
| YP in contact with disability services at treatment start | Triage Date    |
| YP Lead Professional at Treatment Start                   | Triage Date    |
| YP in contact with MH services at Treatment Start         | Triage Date    |
| YP in contact with YOT at Treatment Start                 | Triage Date    |
| YP involved in sexual exploitation at Treatment Start     | Triage Date    |
| YP Involved in Self Harm at Treatment Start               | Triage Date    |
| YP involved in unsafe drug use at Treatment Start         | Triage Date    |
| YP involved in offending at Treatment Start               | Triage Date    |
| YP education status at Treatment Start                    | Triage Date    |
| Drug Action Team  | Triage Date    |
| Drug List   | Triage Date    |
| Route of Administration                                   | Triage Date    |
| Referral Source   | Triage Date    |
| Injecting Status  | Triage Date    |
| Pregnant  | Triage Date    |
| Dual Diagnosis  | Triage Date    |
| Hep C Intervention Status                                 | Triage Date    |
| Hep B Vaccination Count                                   | Triage Date    |
| Hep B Intervention Status                                 | Triage Date    |
| TOP Care Coordination                                     | Triage Date    |
| Discharge Reason  | Discharge Date |
| Discharge Destination                                     | Discharge Date |

|  |                                       |
|--|---------------------------------------|
| YP Lead Professional at Treatment Exit               | Discharge Date                        |
| YP in contact with MH services at Treatment Exit     | Discharge Date                        |
| YP in contact with YOT at Treatment Exit             | Discharge Date                        |
| YP involved in Sexual Exploitation at Treatment Exit | Discharge Date                        |
| YP involved in Self Harm at Treatment Exit           | Discharge Date                        |
| YP involved in Unsafe Drug Use at Treatment Exit     | Discharge Date                        |
| YP involved in Offending at Treatment Exit           | Discharge Date                        |
| YP has CAF at Treatment Exit                         | Discharge Date                        |
| YP Safer Sex at Treatment Exit                       | Discharge Date                        |
| YP Sexual Health Interventions at Treatment Exit     | Discharge Date                        |
| YP registered with GP at Treatment Exit              | Discharge Date                        |
| YP met Goals Agreed on Care Plan at Treatment Exit   | Discharge Date                        |
| Treatment Modality                                   | Modality Referred Date                |
| Modality Exit Status                                 | Modality End Date                     |
| TOP Treatment Stage                                  | Treatment Outcomes Profile (TOP) date |
| TOP Questions & Permissible Responses                | Treatment Outcomes Profile (TOP) date |
| Injected in last 28 days?                            | Triage Date                           |
| Ever Shared?   | Triage Date                           |
| Previous Hep B Infected?                             | Triage Date                           |
| Hep C Positive?                                      | Triage Date                           |
| Referred to Hepatology?                              | Triage Date                           |
| Local Authorities                                    | Triage Date                           |
| Sexuality  | Triage Date                           |
| Employment Status                                    | Triage Date                           |
| NHS organisational areas (SHAs and PCTs)             | Triage Date                           |
| Mental Health Trusts                                 | Triage Date                           |
| Treatment Provider Type                              | Triage Date                           |
| Regions  | Triage Date                           |