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England

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GUMCAD STI Surveillance System (DCB0139) Change Specification

About Public Health England

Public Health England exists to protect and improve the nation's health and wellbeing, and reduce health inequalities. We do this through world-leading science, knowledge and intelligence, advocacy, partnerships and the delivery of specialist public health services. We are an executive agency of the Department of Health and Social Care, and a distinct delivery organisation with operational autonomy to advise and support government, local authorities and the NHS in a professionally independent manner.

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Amendment history

Version	Date	Amendment History
0.1	19/02/2018	Draft for PHE internal review
0.2	26/03/2018	Amendments after initial review by the Data Standards Assurance Service of NHS Digital
1.0	24/05/2018	Final version

Approval

Name	Organisation	Version	Date
Hamish Mohammed	Public Health England	0.1	19/02/2018
Gwenda Hughes	Public Health England	0.2	11/04/2018
Hamish Mohammed	Public Health England	1.0	24/05/2018

Data Coordination Board

This information standard (DCB0139) has been approved for publication by the Department of Health and Social Care under [section 250 of the Health and Social Care Act 2012](#).

Assurance that this information standard meets the requirements of the Act and is appropriate for the use specified in the specification document has been provided by the Data Coordination Board (DCB), a sub-group of the Digital Delivery Board.

This information standard comprises the following documents:

- Requirements Specification
- Implementation Guidance
- Change Specification.

An Information Standards Notice (DCB0139 Amd 21/2017) has been issued as a notification of use and implementation timescales. Please read this alongside the documents for the standard.

The controlled versions of these documents can be found on the [NHS Digital website](#). Any copies held outside of that area, in whatever format (e.g. paper, email attachment), are considered to have passed out of control and should be checked for currency and validity.

Date of publication: 25 June 2018

1. Overview

1.1. Summary

Standard	
Standard Number	DCB0139
Standard Title	GUMCAD STI Surveillance System
Release	
Release Number	Amd 21/2017
Release Title	Amendment to the current GUMCAD system
Description	The GUMCAD STI Surveillance System (formerly known as GUMCADv2) is an existing NHS Digital approved dataset used to collect data on STI diagnoses and related service provision from Genitourinary Medicine (GUM) clinics and other Sexual Health Services. To improve the level of public health intelligence of GUMCAD, we need to enhance the dataset by including routinely collected information on sexual behaviour and partner notification outcomes.
Implementation Completion Date	By 1 April 2019

1.2. Supporting products

Title
GUMCAD STI Surveillance System Requirement Specification
GUMCAD STI Surveillance System Implementation Guidance
GUMCAD STI Surveillance System Data Specification and Technical Guidance

2. Change specification

See Appendix 1 for full list of the GUMCAD STI Surveillance System data items and coding specifications. The proposed changes to the dataset are summarised below (and highlighted in blue in Appendix 1).

2.1. New items

While the current version of GUMCAD (GUMCADv2) has proven to be a timely source of public health intelligence, it is limited by the lack of data on sexual behaviours. Under regulation 3 of the Health Service (Control of Patient Information) Regulations 2002, PHE is required to recognise trends in the risks of communicable diseases and other risks to public health. Therefore, PHE is required to enhance GUMCADv2, through modification of existing clinic software systems, to collect clinically relevant behavioural data on the risks of STIs.

The behavioural data proposed for this enhancement to GUMCADv2 are consistent with national clinical guidelines, and are based on consultation with members of the British Association for Sexual Health and HIV, the Society of Sexual Health Advisors and third sector organisations. GUMCADv2 will be superseded by the GUMCAD STI Surveillance System.

The list of new data items to be included in the GUMCAD STI Surveillance System are summarised in Table 1(a full list a data items can be found in Appendix 1). All changes and inclusion of new codes conform to NHS Data Dictionary standards.

Table 1. List of all new data items in the GUMCAD STI Surveillance System

Data Item Name	Data Item Description
Clinic of Attendance	
Clinic_Type	Characteristics of sexual health service
Patient Demographics	
Patient_Type	Characteristics of patient
Gender_Identity	Patient stated gender
Gender_Birth	Is the gender identity the same as the gender assigned at birth?
Episode Activity	
Consultation_Referral	The source of the patient attendance
Consultation_Medium	The medium in which the consultation is conducted
Consultation_Type	The consultation's episode type
Consultation_Speciality	Speciality of the attendance
Consultation_PN	Is the consultation a result of partner notification
Consultation_Symptomatic	Is the consultation a result of a symptomatic infection
Diagnosis_Confirmed	Confirmation of diagnosis
Diagnosis_Site	Site of infection

Diagnosis_Treated	Treatment of diagnosis
Opposite sex partnerships (OSP)	
OSP	How many sex partners in the last 3 months?
OSP_New	Were any of these new sex partners (ie you haven't had sex with them before)?
OSP_CI	Did you have condomless penetrative sex the last time you had sex?
Same sex partnerships - men who have sex with men (MSM)	
MSM	How many sex partners in the last 3 months?
MSM_HIV_Pos	Have you had anal (receptive or insertive) sex with a known HIV positive partner in the last three months?
MSM_CI	Have you had condomless penetrative sex in the last 3 months?
MSM_CI_Rec	Have you had receptive condomless penetrative sex in the last 3 months?
Same sex partnerships - women who have sex with women (WSW)	
WSW	How many sex partners in the last 3 months?
WSW_New	Were any of these new sex partners (ie you haven't had sex with them before)?
Partner Notification	
PN_Date	Date of initial Partner Notification discussion
PN_Partners	How many partners were reported for the STI(s) diagnosed?
PN_Contacts	How many partners were contactable?
PN_Contacts_Att_Rep	How many partners are reported to have attended a sexual health service within 4 weeks of the initial PN discussion?
Data Item Name	Data Item Description
PN_Contacts_Att_Ver	How many partners are verified to have attended a sexual health service within 4 weeks of the initial PN discussion?
PrEP	
PrEP_Eligibility	The patient's eligibility criteria for accessing PrEP
PrEP_Uptake	The outcome of the PrEP offer
PrEP_Regimen	The PrEP regimen recommended
PrEP_Prescription	The number of PrEP tablets prescribed
PrEP_Stop_Reason	If PrEP has been stopped, what was the reason?
Alcohol and drug use behaviour	
Alcohol_1	Was alcohol use assessed?
Alcohol_2	Was alcohol use documented as problematic?
Drugs_Used	Have you used recreational drugs in the last 3 months?
Drugs_1	Did you take Amphetamine/Speed
Drugs_2	Did you take Benzodiazepines (non-prescribed)
Drugs_3	Did you take Cannabis
Drugs_4	Did you take Cocaine
Drugs_5	Did you take Crack
Drugs_6	Did you take Crystal Meth/Methamphetamine
Drugs_7	Did you take Ecstasy (E)/MDMA
Drugs_8	Did you take GHB/GBL
Drugs_9	Did you take Heroin
Drugs_10	Did you take Ketamine
Drugs_11	Did you take novel psychoactive substances
Drugs_12	Did you take Mephedrone (M-Cat)
Drugs_13	Did you take Methadone
Drugs_14	Did you take Poppers
Drugs_15	Did you take Solvents/Glue

Drugs_16	Did you take any other recreational drug (not listed)?
Drugs_Inject	Did you inject any recreational drug in the last 3 months?
Drugs_Share_Eqp	Did you share equipment with anyone when injecting drugs?
Drugs_Sex	Were you under the influence of recreational drugs the last time you had sex?

2.1.1. Rationale and justification of new data items within GUMCAD

In order to provide more critical sexual health information on; risky sexual behaviour, recreational drug use, outcomes of partner notifications and monitoring of the new NHS England trial of HIV pre-exposure prophylaxis (PrEP), the existing GUMCAD surveillance system (GUMCADv2) urgently needs to be enhanced. Table 2 provides the rationale and justification for all the new data items that will be added to the GUMCAD STI Surveillance System.

Table 2. Rationale for new data items in the GUMCAD STI Surveillance System

Field Name	Field Description	Rationale and Justification
Clinic of Attendance		
Clinic_Type	Characteristics of sexual health service	This is necessary to identify the setting and level of sexual health service provided by each GUMCAD reporter. This is required to monitor compliance with national clinical recommendations by different types of services eg the provision of hepatitis A vaccination to men who have sex with men attending level 3 services.
Patient Demographics		
Patient_Type	Characteristics of patient	This is required to monitor the sexual health of prisoners and sex workers, both of which require regular sexual health screens. Prisoners, in particular, have a far higher risk of STIs and blood borne infections than the general population.
Gender_Identity	Patient gender identity	Patient gender is relevant to all aspects of sexual health service provision. Most aspects of service provision, patient management practices and health outcomes are gender specific (eg cervical cytology screening). The majority of clinical audits, assessments of service provision and of public health burden would, therefore, require data to be gender specific
Gender_Birth	Patient gender at birth	This is a required data field to identify and monitor the sexual health of transgender men and women, a group which has disproportionately higher risks of poor sexual health.
Episode_Activity		
Consultation_Referral	The source of the patient attendance	To classify source of attendance (replacing retired SHHAPT codes). This is necessary to monitor the pathway by which clients accessed the sexual health service. Without this field, services will not be able to ascertain the sexual risk profile of these different clients.
Consultation_Medium	Consultation medium of attendance	This is necessary to monitor test activity and positivity amongst clients accessing services in person or remotely via the internet or telephone.
Consultation_Type	Consultation type of attendance	New face to face attendances must be distinguishable from follow-up attendances because: (1) Many items of service should be offered routinely to patients at each new attendance (ie at the start of each new episode). For example, all gay and bisexual men should be offered an HIV test at each new attendance at a GUM clinic. First attendance information can, therefore, be used to audit HIV test uptake by new attendees. (2) A sexual history should be taken at each new attendance. (3) Payments to service providers by local authorities will differ for new and follow-up patient attendances.

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Field Name	Field Description	Rationale and Justification
Consultation_Speciality	Speciality of the attendance	With the continued integration of specialist sexual and reproductive health services, an increasing number of people will attend these integrated services for contraception. As a result, this field is required to distinguish sexual, as opposed to reproductive health or HIV, attendances, and monitor the types of services provided to clients of different consultation specialities. This is especially important to accurately measure HIV test uptake, which is currently underestimated at many specialist (level 3) services due to an overestimation of people assumed to be eligible for testing, such as those attending for SRH care.
Consultation PN	Is the consultation a result of partner notification	This is required to monitor the case-finding effectiveness of partner notification, a key means of controlling the spread of STIs and HIV. This replaces retired SHHAPT codes.
Consultation_Symptomatic	Is the consultation a result of a symptomatic infection	This is required to classify whether the clinic attendee has symptoms. This, in turn, will allow us to monitor services' compliance with national clinical guidelines for asymptomatic screening and to assess the proportion of service users that could be referred to asymptomatic online service providers.
Diagnosis_Confirmed	Confirmation of diagnosis	This is required in light of recent changes in service provision to include online services with self-sampling or -testing. This is the only means to monitor the outcomes of self-testing, and to distinguish this activity from confirmatory testing at services.
Diagnosis_Site	Site of infection	This is required to monitor the risk profile of clients of sexual health services. For example, rectal bacterial STIs are one of the markers of greatest risk for HIV, while pharyngeal STIs are indicative of lower risk sexual.
Diagnosis_Treated	Treatment of diagnosis	This is required to assess clinical pathways and monitor the outcomes of care provision at services.
Opposite sex partnerships (OSP)		
OSP	How many sex partners in the last 3 months?	The number of recent sex partners is an indicator of risky sexual behaviour, and this data item is required to ascertain the risk profile of clients.
OSP_New	Were any of these new sex partners (ie you haven't had sex with them before)?	This, in combination with the previous data item, is required to assess the rate of partner change and is therefore another key indicator of risky sexual behaviour.
OSP_CI	Did you have penetrative sex without a condom the last time you had sex?	Amongst clients with multiple recent partners, not using a condom at last sexual intercourse is an established clinical marker of risky sexual behaviour.
Same sex partnerships - men		
MSM	How many sex partners in the last 3 months?	The number of recent sex partners is an indicator of risky sexual behaviour, and this data item is required to ascertain the risk profile of clients.
MSM_HIV_Pos	Have you had anal (receptive or insertive) sex with a known HIV positive partner in the last 3 months?	This is required to monitor the frequency of serosorting, the seeking of sexual partners on the basis of their HIV status; this is a marker for high-risk sexual behaviour.

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Field Name	Field Description	Rationale and Justification
MSM_CI	Have you had penetrative sex without a condom in the last 3 months?	Amongst clients with multiple recent partners, not using a condom for anal intercourse is an established clinical marker of risky sexual behaviour.
MSM_CI_Rec	Have you had receptive penetrative sex without a condom in the last 3 months?	This a marker of very high risk amongst clients with multiple recent sex partners.
Same sex partnership - women		
WSW	How many sex partners in the last 3 months?	The number of recent sex partners is an indicator of risky sexual behaviour, and this data item is required to ascertain the risk profile of clients.
WSW_New	Were any of these new sex partners (ie you haven't had sex with them before)?	This, in combination with the previous data item, is required to assess the rate of partner change and is therefore another key indicator of risky sexual behaviour.
Partner Notification		
PN_Date	Date of initial Partner Notification discussion	This date is required to determine when partner notification was initiated and is required for setting a baseline for measuring all PN audit outcomes (within 4 weeks of PN initiation).
PN_Partners	How many partners were reported for the relevant look-back interval for the STI(s) diagnosed?	The number of recent sex partners is an indicator of risky sexual behaviour, and this data item is required to assess the risk profile of clients.
PN_Contacts	How many partners were contactable?	Partner notification can only be performed for contactable individuals (those for which there is a means of contact) and this data item is required to set a denominator for the following PN audit outcome measures.
PN_Contacts_Att_Rep	How many partners are believed to have attended a sexual health service within 4 weeks of the initial PN discussion?	This data item is required to assess the number of partners that have attended a sexual health service, as reported by the index patient; this is a required outcome measure for audits of PN.
PN_Contacts_Att_Ver	How many partners are confirmed to have attended a sexual health service within 4 weeks of the initial PN discussion?	This data item is required to assess the number of partners that have been verified as having attended a sexual health service, as reported by a healthcare worker; this is a required outcome measure for audits of PN.
PrEP		
PrEP_Eligibility	Patient's PrEP eligibility	This is required to monitor the equity of access to HIV-PrEP, and matches clinical eligibility criteria. It is also required to measure the frequency and outcomes of HIV risk assessment at sexual health services.
PrEP_Uptake	PrEP offer and uptake	This is required to monitor the outcome of the offer of PrEP, and to assess how many people are accessing PrEP privately.
PrEP_Regimen	PrEP regimen	This is required to monitor the PrEP regimen prescribed, which will allow monitor of

Field Name	Field Description	Rationale and Justification
PrEP_Prescription	How many PrEP tablets were prescribed?	This is required to measure how many tablets have been prescribed for PrEP.
PrEP_Stop_Reason	If PrEP has been stopped, what was the reason?	While PrEP is well tolerated and has a low rate of serious adverse events, this field is required to assess the prevalence of adverse events on a population level.
Alcohol and drug use behaviour		
Alcohol_1	Was alcohol use assessed?	This is required to assess compliance with the NICE guidelines and BASHH recommendation to take a history of alcohol usage. This is indicated in cases where disinhibition may be a factor in sexual risk taking.
Alcohol_2	Was alcohol use documented as problematic?	This is required to monitor the outcome of an alcohol screening tool and to assess the sexual health outcomes of people with problematic alcohol use.
Drugs_Used	Have you used recreational drugs in the last 3 months?	This is required to assess compliance with the BASHH recommendation to take a recreational drug history, which is indicated in cases where disinhibition contributed to sexual risk taking.
Drugs_1	Did you take Amphetamine/Speed	This is required to monitor the patterns of recreational drug use and to understand the sexual health outcomes in people who use each of these drugs.
Drugs_2	Did you take Benzodiazepines (non-prescribed)	
Drugs_3	Did you take Cannabis	
Drugs_4	Did you take Cocaine	
Drugs_5	Did you take Crack	
Drugs_6	Did you take Crystal Meth/ Methamphetamine	
Drugs_7	Did you take Ecstasy (E)/MDMA	
Drugs_8	Did you take GHB/GBL	
Drugs_9	Did you take Heroin	
Drugs_10	Did you take Ketamine	
Drugs_11	Did you take any other novel psychoactive substances?	
Drugs_12	Did you take Mephedrone (M-Cat)	
Drugs_13	Did you take Methadone	
Drugs_14	Did you take Poppers	
Drugs_15	Did you take Solvents/Glue	
Drugs_16	Did you take any other recreational drug (not listed)?	

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Field Name	Field Description	Rationale and Justification
Drugs_Inject	Did you inject any recreational drug in the last 3 months?	This is required to assess the sexual health outcomes of people who inject recreational drugs.
Drugs_Share_Eqp	Did you share equipment with anyone when injecting drugs?	Sharing drug injection equipment has a high risk of blood-borne viruses such as HIV, hepatitis B and hepatitis C. This data item is required to assess the sexual health outcomes of people who share drug injection equipment.
Drugs_Sex	Were you under the influence of recreational drugs the last time you had sex?	This is required to determine the prevalence of sexualised drug use amongst clients. This pattern of drug use has emerged as a marker of risky sexual behaviour and STIs.

2.2. Amendments

In addition to the new data items summarised in point 2.1, there are a number of amendments to existing data collected in GUMCAD. This includes the changes in the descriptions within the NHS Data Model and Dictionary, inclusion of further breakdowns within a data item and in order to incorporate requirements to move to SNOMED-CT coding. Table 3 and 4 provides summaries of the amendments made to existing GUMCAD data items.

All changes and inclusion of new codes conform to NHS Data Model and Dictionary standards.

2.2.1. Gender identity and gender at birth

Previous gender definitions were not inclusive of transgender and non-binary gender identity – coding has been updated to reflect this requirement.

Table 3. Amended Gender Data Items and Coding

Data Item		
Name	Code	Description
Gender_Identity	1	Male (including trans man)
	2	Female (including trans woman)
	3	Non-binary
	4	Other
	Z	Not Stated
	X	Not Known
Gender_Birth	Y	Yes - gender identity is the same as gender assigned at birth
	N	No - gender identity is not the same as gender assigned at birth
	Z	Not Stated
	X	Not Known

2.2.2. First attendance

Previous coding for attendance type and medium combined both entities into a single data item 'FirstAttendance' – this data item is due to be retired by the NHS Data Model and Dictionary. GUMCAD data items and coding has been updated with the specified data item replacements, 'Consultation_Medium' and 'Consultation_Type'.

Sexual health services are expanding service delivery to include online consultations. The coding options for 'Consultation_Medium' needed to be expanded to accommodate 'Online' consultations.

Table 4. Amended Attendance (Consultation) Type & Medium Data Items and Coding

Data Item		
Name	Code Description	
Consultation_Medium	01	Face to face
	02	Telephone
	07	Online
Consultation_Type	01	New (Initial)
	02	Follow-up

2.3. Deletions

There are no data items from the current version of the GUMCAD dataset (GUMCADv2) that will be deleted. The new GUMCAD STI Surveillance System will include all existing data items in addition to the new data items summarised in point 2.1.

3. Appendix 1: GUMCAD STI Surveillance System data items and coding

New data items being added or amended to GUMCAD are highlighted in blue

GUMCAD STI Surveillance System Data Item			
Position ¹	Name	Code Format ² and Descriptions	
Clinic of Attendance			
1	ClinicID	AN(9)	
		-	Predefined code (not issued by PHE)
2	Clinic_Type	AN(2)	
			Specialist - Level 3 SRH - Level 2 Online - Level 2 GP - Level 2 Prison - Level 2 Other - Level 2 Other - Level 1
Patient Demographics			
3	PatientID	AN(20)	
		-	Predefined code (not issued by PHE)
4	Patient_Type	AN(2)	
			Prisoner Sex worker Not applicable
5	Gender_Identity	AN(1)	
		1	Male (including trans man)
		2	Female (including trans woman)
		3	Non-binary

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		4 Z X	Other Not Stated Not Known
6	Gender_Birth	A(1) Y N Z X	Yes - gender identity is the same as gender assigned at birth No - gender identity is not the same as gender assigned at birth Not Stated Not Known
7	Age	N(3) - 999	Number in whole years Not known
8	Sex_Ori	AN(1) 1 2 3 4 U Z 9	Heterosexual or Straight Gay or Lesbian Bisexual Other Unsure Not stated Not known
9	Ethnicity	AN(2) A B C D E F G H J K L	<u>White</u> British Irish Any other White background <u>Mixed</u> White and Black Caribbean White and Black African White and Asian Any other mixed background <u>Asian or Asian British</u> Indian Pakistani Bangladeshi Any other Asian background <u>Black or Black British</u>

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		M N P	Caribbean African Any other Black background
		R S	Chinese Any other ethnic group
		Z 99	Not stated Not known
10	Country_Birth	A(3)	
		-	Predefined ISO codes - a full list is available from PHE upon request gumcad@phe.gov.uk
		ZZZ	Not known
11	LA	AN(9)	
		-	Predefined ONS codes - a full list is available from PHE upon request gumcad@phe.gov.uk
		E*	England
		W*	Wales
		S*	Scotland
		N*	Northern Ireland
		L99999999	Channel Islands
		M99999999	Isle of Man
		X99999998	Not applicable (outside the UK)
		X99999999	Not known
12	LSOA	AN(8-9) - LSOA codes for Northern Ireland are 8 characters in length – all other LSOA codes are 9 characters.	
		-	Predefined ONS codes - a full list is available from PHE upon request gumcad@phe.gov.uk
		E*	England
		W*	Wales
		S*	Scotland
		9*	Northern Ireland
		L99999999	Channel Islands
		M99999999	Isle of Man
		X99999998	Not applicable (outside the UK)
		X99999999	Not known
Episode_Activity			
13	Consultation_Referral	AN(1)	
			Self-referral SRH

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			GP Prison NCSP Online
14	Consultation_Date	AN(10) - CCYY-MM-DD	
15	Consultation_Medium	AN(2)	
		01	Face to face communication
		02	Telephone
		07	Online
16	Consultation_Type	AN(2)	
		01	New (Initial)
		02	Follow-up
17	Consultation_Speciality	AN(2)	
			Integrated STI/SRH care STI care SRH care HIV care Other
18	Consultation_PN	AN(2)	
			Yes No
19	Consultation_Symptomatic	AN(2)	
			Yes - symptomatic No - asymptomatic Not applicable
20	Episode_Activity	AN(20) - SNOMED (SHHAPT & READ) codes (nulls' permitted) – see Appendix 4 and 5 in the GUMCAD STI Surveillance System Data specification and Technical Guidance	
21	Diagnosis_Confirmed	AN(2)	
			Confirmed (at this service) Confirmed elsewhere (at a different service) Initial reactive Not applicable
22	Diagnosis_Site	AN(2)	
			Genital Rectal

			Pharyngeal Ocular Other Not applicable
23	Diagnosis_Treated	AN(2)	Yes No - not required No - referred elsewhere No - refused No - patient walked out Not applicable
Opposite sex partners - men & women who have sex			
24	OSP	AN(2)	0 1 2-4 5+ Not applicable Not asked Not known/Not stated
25	OSP_New	AN(2)	Yes No Not applicable Not asked Not known/Not stated
26	OPS_CI	AN(2)	Yes No Not applicable Not asked Not known/Not stated
Same sex partner – men who have sex with men			

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27	MSM	AN(2)	
			0 1 2-4 5+ Not applicable Not asked Not known/Not stated
28	MSM_HIV_Pos	AN(2)	
			Yes No Not applicable Not asked Not known/Not stated
29	MSM_CI	AN(2)	
			Yes No Not applicable Not asked Not known/Not stated
30	MSM_CI_Rec	AN(2)	
			Yes No Not applicable Not asked Not known/Not stated
Same sex partners – women who have sex with women			
31	WSW	AN(2)	
			0 1 2-4 5+ Not applicable

			Not asked Not known/Not stated
32	WSW_New	AN(2)	Yes No Not applicable Not asked Not known/Not stated
Partner Notification			
33	PN_Date	AN(10) - CCYY-MM-DD ('nulls' permitted).	
34	PN_Partners	N(2)	
		-	Any number 0-99
			Not applicable
35	PN_Contacts	N(2)	
		-	Any number 0-99
			Not applicable
36	PN_Contacts_Att_Rep	N(2)	
		-	Any number 0-99
			Not applicable
37	PN_Contacts_Att_Ver	N(2)	
		-	Any number 0-99
			Not applicable
PrEP			
38	PrEP_Eligibility	AN(2)	
			MSM/Transgender woman HIV positive partner Other high risk Not applicable
39	PrEP_Uptake	AN(2)	
			Accepted Declined - patient refused PrEP Declined - patient is obtaining PrEP elsewhere Not applicable
40	PrEP_Regimen	AN(2)	

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			Daily (or nearly daily) Event based (coital) Not applicable Not asked Not known/Not stated
41	PrEP_Prescription	AN(2)	30 tablets 60 tablets 90 tablets Other amount Not applicable Not asked Not known/Not stated
42	PrEP_Stop_Reason	AN(2)	Adverse event HIV acquisition Patient choice No longer eligible Other Not applicable Not asked Not known/Not stated
Behaviour			
43	Alcohol_1	AN(2)	Yes No Not applicable Not asked Not known/Not stated
44	Alcohol_2	AN(2)	Yes No Not applicable Not asked Not known/Not stated

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45	Drugs_Used	AN(2)	
			Yes No Not applicable Not asked Not known/Not stated
46	Drugs_1	AN(2)	
			Yes No Not applicable Not asked Not known / Not stated
47	Drugs_2	AN(2)	
			Yes No Not applicable Not asked Not known/Not stated
48	Drugs_3	AN(2)	
			Yes No Not applicable Not asked Not known/Not stated
49	Drugs_4	AN(2)	
			Yes No Not applicable Not asked Not known/Not stated
50	Drugs_5	AN(2)	
			Yes No Not applicable Not asked

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			Not known/Not stated
51	Drugs_6	AN(2)	Yes No Not applicable Not asked Not known/Not stated
52	Drugs_7	AN(2)	Yes No Not applicable Not asked Not known/Not stated
53	Drugs_8	AN(2)	Yes No Not applicable Not asked Not known/Not stated
54	Drugs_9	AN(2)	Yes No Not applicable Not asked Not known/Not stated
55	Drugs_10	AN(2)	Yes No Not applicable Not asked Not known/Not stated
56	Drugs_11	AN(2)	Yes No Not applicable

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			Not asked Not known/Not stated
57	Drugs_12	AN(2)	Yes No Not applicable Not asked Not known/Not stated
58	Drugs_13	AN(2)	Yes No Not applicable Not asked Not known/Not stated
59	Drugs_14	AN(2)	Yes No Not applicable Not asked Not known/Not stated
60	Drugs_15	AN(2)	Yes No Not applicable Not asked Not known/Not stated
61	Drugs_16	AN(2)	Yes No Not applicable Not asked Not known/Not stated
62	Drugs_Inject	AN(2)	Yes No

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			Not applicable Not asked Not known/Not stated
63	Drugs_Share_Eqp	AN(2)	
			Yes No Not applicable Not asked Not known/Not stated
64	Drugs_Sex	AN(2)	
			Yes No Not applicable Not asked Not known/Not stated