The National Electronic Telecommunications System for Surveillance (NETSS) CDC Implementation Plan for STD Surveillance Data

Effective as of January 2018

CDC CONTACTS:

1) Division of Health Informatics and Surveillance (DHIS)

2) Division of STD Prevention (DSTDP)

soib@cdc.gov sdmb@cdc.gov

A. RECORD LAYOUT:

CDC STD surveillance data must consist of 1) the core 60-byte demographic portion established by the Division of Health Informatics and Surveillance (DHIS) at CDC, and 2) extended record data beyond the 60-byte record determined by the Division of STD Prevention (DSTDP). See **ATTACHMENT A** for the **Record Layout and additional instructions for Transmission of STD Morbidity Data.** If you have questions regarding the 60-byte record layout, contact DHIS. If there are questions on STD data in the extended record, contact DSTDP, Surveillance and Data Management Branch (SDMB).

B. CDC TRANSMISSION DEADLINES:

As required by the MMWR, STD surveillance data and verification records should be transmitted to Atlanta via Secure Data Network (SDN) on a **WEEKLY** basis. Data collected through Saturday of a given week should be transmitted to CDC by the following **Tuesday**, **12:00 noon**, Atlanta time. Sites are encouraged to report on the following Monday, if possible. **Any data transmitted after the Tuesday**, **noon deadline will NOT be included in the MMWR published that week.** Be sure to check with the State Epi Office for their internal deadlines for data transmission.

C. STEPS FOR INITIAL TRANSMISSION:

- 1. The **STD** surveillance reporter should contact the state General Epi office to coordinate transmission of STD data from the STD office to the state. Issues to cover:
 - a. What **diseases/event codes** will be reported through NETSS, and are there any problems with the record layout as specified by DHIS and DSTDP?
 - b. **How** (CD, e-mail, handcarry) **will data be sent** to General Epi office?
 - c. Will STD data be "piggy-backed" with General Epi data or sent to CDC separately?
 - d. A policy in the event that STD data transmission is **interrupted**. Conversely, would STD office be able to transmit General Epi data if the General Epi office was unable to transmit. If STD office transmission to DHIS should be necessary, contact DHIS for more information.
 - e. Establish how weekly CDC NETSS **DHIS Transmission Summary Reports** are distributed to the states, including STD Program staff and other reporting areas. Be sure to review these reports as soon as possible to facilitate weekly reconciliation of data, and contact DHIS if there are any questions. For an example of the **Transmission Summary Report**, see **ATTACHMENT B**.
- 2. **If a reporting area is using STD*MIS software**: In addition to contacting the state General Epi Office, the STD coordinators in the field should contact the appropriate CDC STD*MIS field representative to inform them that they are ready to begin transmission.

If a project area wants to begin transmitting during the middle of a calendar year, they will be asked by DHIS to transmit **YTD** (**year-to-date**) data. CDC STD*MIS field reps may be asked to provide additional technical assistance.

3. **If a reporting area is using their own software, not STD*MIS:** The STD Coordinators should contact their <u>General Epi Office</u> to inform them that they are ready to begin transmission of STD morbidity data.

<u>DHIS</u> will ensure that the core data matches the required NETSS record layout. The extended data must match the record layout in **ATTACHMENT A.**

ATTACHMENT C lists data elements that may need to be re-coded for NETSS transmission.

If a project area wants to begin transmitting during the middle of a calendar year, they will be asked by DHIS to transmit **YTD** (year-to-date) data.

- 4. **BEFORE official transmission of STD data**, a test file should be sent from the STD office to SDMB. SDMB will check the test transmission and report the results back to the STD office. Coordination between the state STD office and SDMB is essential to ensure that all parties understand that "this is only a test".
- 5. If available, YTD data should be included in the first "official" transmission of data. Contact DHIS for questions and final approval before transmitting any YTD data. Do NOT transmit an incomplete YTD file. A complete YTD file is a file which contains year-to-date data starting in January of the current year through the date that the transmission was prepared. (For example, if data has only been entered for March 2017-September 2017, this is an incomplete YTD file, whereas data entered for January-September 2017 would be considered a complete YTD file).

If you are unable to transmit a complete YTD file, transmit only routine weekly data until you have a complete YTD file available. The state STD office and state General Epi office should coordinate reporting of STD data during this transition phase.

D. GUIDELINES FOR ONGOING OPERATION:

Communication between the reporting areas and CDC is critical to the success of NETSS. **CDC maintains a basic list of contacts** for each reporting area which includes the CDC/DSTDP Program Coordinator, STD*MIS CDC Representative, STD Program contacts, and the DHIS NETSS contact. **Please keep CDC (DHIS and DSTDP) informed (via e-mail, phone, etc.) of any changes in NETSS-related staff, including changes to office addresses and phone numbers.**

A verification record should be included with EVERY transmission, whenever possible. NETSS transmissions to DHIS from the General Epi Office should include a complete explanation of data received, i.e., if data is a re-transmission of YTD, all data files must be labeled as such.

DHIS is responsible for maintaining the core (60-byte) record. DHIS will receive the data, check the core portion for errors, and notify the state NETSS reporter of the number of records received and errors to be corrected (weekly **DHIS** Transmission Summary Reports from CDC). **STD** field personnel should make sure they receive a copy of this report from the General Epi Office in order to receive notice of their errors. Currently, the Transmission Summary Report (See Attachment B) lists errors by year, week, site code and caseid.

DSTDP is responsible for maintaining program specific (extended record) data beyond the 60-byte core record. DHIS will assemble both core records and extended records for STD data and make them available to DSTDP on a weekly basis. The DSTDP Data Management Unit will be responsible for checking the extended record data and communicating with the state STD office regarding corrections. DSTDP will be responsible for contacting the state.

Whenever NETSS **unique identifiers** (STATE, YEAR, SITE, and CASEID) in previously-transmitted data need to be corrected or updated, a DELETION record should be sent to remove the previously-transmitted

data from the CDC database. A new record should then be sent to DHIS to add the corrected or updated data to the CDC database.

If the data being corrected is **not a unique identifier**, then you can simply modify the record and re-transmit it, without deleting the record.

E. FOR A COPY OF THIS IMPLEMENTATION PLAN:

Contact DSTDP staff via e-mail (<u>sdmb@cdc.gov</u>) for the most recent version of this plan either as hardcopy or as an electronic document. Your suggestions or comments for improving and clarifying this implementation plan are welcome!

ATTACHMENT A

THE NATIONAL ELECTRONIC TELECOMMUNICATIONS SYSTEM FOR SURVEILLANCE (NETSS) and STD SURVEILLANCE DATA: RECORD LAYOUT AND INSTRUCTIONS

The National Electronic Telecommunications System for Surveillance (NETSS) And STD Surveillance Data: Record Layout and Instructions

CDC Contacts for STD-related NETSS Questions

DSTDP staff: sdmb@cdc.gov

Types of NETSS Records:

There are three types of records that can be transmitted via NETSS: (1) CASE record; (2) DELETION record; and, (3) VERIFICATION record.

1. **CASE** Record:

A separate record is submitted for each case reported (line-listed data). [Column 1 = M for MMWR report].

2. **DELETION** Record:

This record is used to delete any previously-transmitted records with incorrect unique identifiers (STATE, YEAR, SITE and CASEID) or to delete records that should no longer be reported. [Column 1 = D for Deletion].

3. **VERIFICATION** Record:

A single record is used for each disease to report the total number of cases that have been transmitted year-to-date. This record is used to assist in reconciling any differences between the number of cases in the CDC database and the number of cases in the State database.

[Column 1 = V for Verification].

* NOTE: To UPDATE a previously sent record, you must re-transmit the record and the CDC system will overwrite the old record, based on the unique identifiers. However, if the error is one of the unique identifiers, then you must first send a deletion record and then re-transmit the corrected record.

Content of NETSS Record:

CORE DATA:

The first 60 bytes of any of the 3 types of NETSS records (referred to as CORE data) are transmitted for all notifiable diseases. The accompanying NETSS record layouts indicate which data items within the CORE data are required by CDC, i.e., a NETSS record will not be accepted at CDC unless those data are on the record. Any data beyond 60 bytes (referred to as PROGRAM or EXTENDED data) are program-specific data, i.e., the data are used only by the specific programs and not by the MMWR staff for any weekly MMWR tables.

PROGRAM/EXTENDED DATA:

In the STD NETSS EXTENDED <u>CASE</u> record, it is important to transmit **information about where the case was identified**, i.e., the facility type (information source) on the Interview Record currently being implemented. This information will allow DSTDP staff in Atlanta to examine the number of cases from STD clinics versus all other sources.

It is also important to transmit **information about how each case was detected**, i.e., the method of case detection from the Interview Record currently being implemented. Not all reporting areas will have this information easily linked to their morbidity data. However, those areas that do have that information linked with their morbidity data are asked to transmit that information as part of the STD NETSS EXTENDED CASE record.

In addition to facility type and method of case detection, the STD NETSS EXTENDED <u>CASE</u> record can include the Zip Code of residence for the case IF that information is available and easily linked with the morbidity data.

For congenital syphilis case records, the STD NETSS EXTENDED <u>CASE</u> record should include data from the Congenital Syphilis (CS) Case Investigation and Report form (the 126 form) that was not included in the CORE data. A specific format for transmission of the 126 data is provided on the accompanying STD NETSS record layouts.

Transmission of NETSS Data

STD surveillance data should be transmitted to Atlanta via NETSS every week. Specifically, data collected through Saturday of a given week should be transmitted to CDC by the following Tuesday, 12:00 Noon, Atlanta time. Sites are encouraged to report to their General Epi Office on the following Monday if possible. Any data transmitted after the Tuesday Noon deadline will NOT be included in the MMWR published that week.

Whenever previously-transmitted STD surveillance data needs to be corrected or updated, the following rules apply. (1) If the fields that need correcting or updating are STATE/YEAR/CASEID/SITE, a DELETION record should be sent to remove the previously-transmitted data from the CDC database. A new record should then be sent to add the correct data to the CDC database. (2) If the field(s) that need correcting or updating are any other than those listed above, simply transmit the record with the updated information to CDC. The corrected/updated record should have STATE/YEAR/CASEID/SITE fields that match the previously-transmitted record. This new corrected/updated record will replace the previously-transmitted record in the CDC database.

Specific STDs Reported Via NETSS:

1. SYPHILIS

- a. Submit CASE record
- b. Disease Codes:

10311 = Primary syphilis

10312 = Secondary syphilis

10313 = Syphilis, early non-primary non-secondary

10316 = Congenital syphilis

10320 = Syphilis, unknown duration or late

2. CHANCROID

a. Submit CASE record

b. Disease Code: 10273

3. CHLAMYDIA

a. Submit CASE record

b. Disease Code: 10274

4. GONORRHEA

a. Submit CASE record

b. Disease Code: 10280

COUNTY of Residence

Cases should be counted for morbidity purposes by the patient's usual place of residence (state or county) and not by place of occurrence or diagnosis. When a case is diagnosed and the patient is a resident of another state, the state in which the case is diagnosed should forward the case report to the state of usual residence for inclusion in the latter state's morbidity system. When usual place of residence is not clear or when cases are diagnosed among merchant seamen or foreign nationals, the cases should be counted in the place of diagnosis.

National Electronic Telecommunications System for Surveillance (NETSS) REVISED RECORD LAYOUT FOR TRANSMISSION OF STD MORBIDITY DATA (Chancroid, Chlamydia, Gonorrhea, Syphilis) (Effective as of January 2018)

Data Element Name	*N/ M		Columns	Data Element "legal" Values	Data Element ''legal'' value definition	Required/ Optional ⁺
		* Req=Req uired; Opt =Op	*N=New (20	CODE KEY 118); M=Modified (2018) llamydia; G=Gonorrhea; S=Syp	hilis; CH=Chancroid	
RECORD TYPE		Record type will determine how the record is handled when it arrives at CDC.	1	M=MMWR report		Req CT, G, S, CH
UPDATE		Currently not implemented (pad with a 9).	2	9		Req CT, G, S, CH
STATE		State reporting case information & jurisdiction of case (based on patient residence).	3-4	Standard 2-digit State FIPS code.	Reporting state is defined using CSTE:CDC criteria available at: https://wwwn.cdc.gov/nndss/document/11-SI-04.pdf	Req CT, G, S, CH
YEAR		MMWR Year for which case information was reported to CDC. Derived from MMWR week.	5-6	2-digit year (##)	Based on MMWR week assignment.	Req CT, G, S, CH
CASE REPORT ID		Unique Case Report ID (numeric) assigned by the state.	7-12	6-digit numeric	Non-identifying ID for case report, NOT case-patient. Represents incident case report. Assigned by state, in combination with other variables (e.g. Reporting state +/- associated date) will represent a unique case in national data base.	Req CT, G, S, CH
SITE CODE		Location code assigned by the state to indicate where report originated and who has responsibility for maintaining the record.	13-15	S01=State epidemiologist S02=State STD Program S03=State Chronic Disease Program S04-S99=Other state offices R01-R99=Regional or district offices 001-999=County health depts (FIPS codes) L01-L99=Laboratories within state CD1=Historical records (prior to new format) CD2=Entered at CDC (based on phone reports) #<##>=Entered in STD*MIS application; 2- digit code represents the state specific installation of STD*MIS	Project areas should NOT re-use SITE codes over time. If a new site is added, please assign a new, unique SITE ID. If a site is no longer reporting to your surveillance system, RETIRE the site ID do not re-use. Project areas should also maintain up-to-date lists of SITE IDs with information describing the site characteristics (e.g. location, contact person and contact information), so the SITE IDs and their meaning can be shared as needed.	Req CT, G, S, CH
WEEK	M	MMWR Week on Surveillance Calendar.	16-17	01 through 53, dependent upon Surveillance Calendar	 MMWR Week should be assigned using the date in the variable "Event Date" and should be based on the following hierarchy: Date of disease onset Date of diagnosis (proxy: Date of laboratory specimen collection) Date of laboratory result Date of first report to public (community) health system State or MMWR report date 	Req CT, G, S, CH

Data Element Name	*N/ M	Data Element Definition	Columns	Data Element "legal" Values	Data Element ''legal'' value definition	Required/ Optional ⁺
				CODE KEY		
		*Req=Required; Opt=Op		18); M=Modified (2018) lamydia; G=Gonorrhea; S=Syp	philis; CH=Chancroid	
EVENT or DIAGNOSIS	M	STD or associated syndrome (health event) for which the case-patient has been diagnosed (regardless of case status per CSTE/CDC surveillance case definition).	18-22	10273=Chancroid	Health event = "Chancroid" per CSTE/CDC surveillance case definition (regardless of case classification status [confirmed or probable])	Req CT, G, S, CH
		ease definition).		10274=Chlamydia trachomatis infection	Health event = "Chlamydia trachomatis infection" per CSTE/CDC surveillance case definition	
				10276=RETIRED	NOTE: Granuloma inguinale (GI) code "10276" is retired (no longer used for case reporting).	
				10280=Gonorrhea	Health event = "Gonorrhea" per CSTE/CDC surveillance case definition (regardless of case classification status [confirmed or probable]).	
				10306=RETIRED	NOTE: Lymphogranuloma venereum (LGV) code "10306" is retired (no longer used for case reporting).	
				10307=RETIRED	NOTE: Non-Gonococcal Urethritis (NGU) code "10307" is retired (no longer used for case reporting).	
				10308=RETIRED	NOTE: Mucopurulent Cervicitis (MPC) code "10308" is retired (no longer used for case reporting).	
				10309=RETIRED	NOTE: Pelvic Inflammatory Disease (PID) [unknown etiology] code "10309" is retired (no longer used for case reporting).	
				10311=Syphilis, primary	Health event = "Syphilis, primary" per CSTE/CDC surveillance case definition (regardless of case classification status [confirmed, probable, or suspect]).	
				10312=Syphilis, secondary	Health event = "Syphilis, secondary" per CSTE/CDC surveillance case definition (regardless of case classification status [confirmed, probable, or suspect]).	
				10313=Syphilis, early non- primary non-secondary	Health event = "Syphilis, early non-primary non-secondary" per CSTE/CDC surveillance case definition (regardless of case classification status [confirmed or probable]).	
				10314=RETIRED	NOTE: Syphilis, late latent code 10314 is retired (no longer used for case reporting).	
				10315=RETIRED	NOTE "Syphilis, unknown latent" code "10315" is retired (no longer used for case reporting).	
				10317=RETIRED	NOTE: Neurosyphilis code "10317" is retired (no longer used for case reporting).	
				10318=RETIRED	NOTE "Late Syphilis with clinical manifestations other than neurosyphilis" code "10318" is retired (no longer used for case reporting).	

Data Element Data Element "legal" Required/ M **Data Element Definition Columns** Values Data Element "legal" value definition Optional⁺ Name CODE KEY *N=New (2018); M=Modified (2018) *Req=Required; Opt=Optional; CT=Chlamydia; G=Gonorrhea; S=Syphilis; CH=Chancroid EVENT or 10319=RETIRED NOTE: Syphilis, late with clinical manifestations (including late benign DIAGNOSIS syphilis and cardiovascular syphilis code (cont'd) 10319 is retired (no longer used for case reporting). 10320= Syphilis, unknown Health event = "Syphilis, unknown duration or late duration or late" per CSTE/CDC surveillance case definition (regardless of case classification status [confirmed or probable]). COUNT Number of case reports represented in this record. Represents # of cases reported in this Req CT, 23-27 ##### Default = 00001 for case-specific records where a 'record'; supports aggregate- (when G, S, CH single case is represented by data record. >1) or case-specific (when=1) reporting. COUNTY 28-30 In combination with State FIPS, represents Standard FIPS code for county of 3-digit county FIPS Req CT, case-patient's residence in reporting (999=Unknown) a unique US county ID. G, S, CH state. Date of birth of case-patient in DATE OF BIRTH 31-38 YYYYMMDD Req CT, YYYYMMDD format. (99999999=Unknown) G, S, CH **AGE** Age of case-patient at time of initial 39-41 ### Note: Must report "AGETYPE" value to Req CT, exam or specimen collection for case (999=Unknown) determine time units associated with G, S, CH report "condition". "AGE". Indicates the units (years, months, **AGETYPE** 42 0=0-120 years Req CT, etc.) for the AGE field. 1=0-11 Months G, S, CH 2=0-52 Weeks 3=0-28 Days 9=Age Unknown (AGE field should be 999) SEX Current sex of patient 43 1=Male Req CT, 2=Female G, S, CH 9=Unknown RACE Race 9=(Default) This variable should default to 9. It has Req CT, been superseded by the individual RACE G, S, CH variables located in columns 98-105. This variable should default to 9. It has HISPANIC 9=(Default) Req CT, Indicator for Hispanic ethnicity. 45 been superseded by the G, S, CH HISPANIC/LATINO variable located in column 106.

Data Element *N/
Name *N/
Data Element Definition Columns Data Element "legal"
Values Data Element "legal" value definition Optional*

	*		CODE KEY 018); M=Modified (2018)		o processing in the control of the c
EVENT DATE M		nal; CT=CF 46-51	Ilamydia; G=Gonorrhea; S=Sypl YYMMDD (999999=Unknown)	Date should most closely approximate the date of disease onset (incidence) and should be based on the following hierarchy: Date of disease onset Date of diagnosis (proxy: Date of laboratory specimen collection) Date of laboratory result Date of first report to public (community) health system State or MMWR report date Note: When date of diagnosis or date of laboratory result are not readily available, but date of laboratory specimen collection date is available, date of laboratory specimen collection should be considered a proxy for date of diagnosis and should be used to assign "event date."	Req CT, G, S, CH
DATETYPE	Describes the type of date provided in EVENT DATE.	52	1=Onset Date 2=Date of diagnosis (Proxy: Date of laboratory specimen collection) 3=Date of laboratory result 4=Date of first report to community health system 5=State/MMWR report date 9=Unknown	Note: When date of diagnosis or date of laboratory result are not readily available, but date of laboratory specimen collection date is available, date of laboratory specimen collection should be considered a proxy for date of diagnosis and should be used to assign "event date."	Req CT, G, S, CH
CASE STATUS	Status of the case/event as suspect, probable, or confirmed.	53	1=Confirmed case 2=Probable case 3=Suspect case 9=Unknown case status	Note: Please review CSTE/CDC case definitions for information on case classification status. (https://wwwn.cdc.gov/nndss/case-definitions.html)	Req CT, G, S, CH
IMPORTED	Indicates if the case was imported into the state or the U.S.	54	9=(Default)	This variable should default to 9. It has been superseded by the STD IMPORT variable located in column 113.	Req CT, G, S, CH
OUTBREAK	Indicates whether the case was associated with an outbreak.	55	1=Yes 2=No 9=Unknown		Req CT, G, S, CH
FUTURE	Reserved for future use (pad with 99999).	56-60	99999		Req CT, G, S, CH
INFOSRCE - Facility Type (STD dx, rx)	Setting or health care facility where a person first received diagnosis, treatment or testing for STD or associated syndrome reported in this case report (i.e., facility type of STD diagnosis, facility type where person was tested for STD).	osis, D or ted in this te of STD	01=HIV Counseling and Testing Site 02=STD clinic (Represents PUBLIC to match old reporting forms.)	A public clinic whose primary mission is to provide counseling and HIV testing services. A clinic whose primary mission is to provide diagnosis, treatment, counseling, and sex partner notification for sexually transmitted diseases.	Req CT, G, S, CH
			03=Drug Treatment	A residential or outpatient clinic whose primary mission is to provide treatment for an individual's drug, alcohol, and other substance addiction.	
			04=Family Planning	A clinic whose primary mission is to provide contraceptive and reproductive health care for the prevention and achievement of pregnancy. Such sites receive federal and/or state family planning	

Data Element *N/ Data Element "legal" Required/ M **Data Element Definition** Columns Data Element "legal" value definition Optional⁺ Values Name

CODE KEY

*N=New (2018); M=Modified (2018)

*Req=Required; Opt=Optional; CT=Chlamydia; G=Gonorrhea; S=Syphilis; CH=Chancroid

INFOSRCE -Facility Type (STD dx, rx) (cont'd)

funds and are situated in state or county health departments or are community-based organizations (may include Title X and non-Title X funded facilities, including

Req CT,

G, S, CH

Planned Parenthood clinics).

06=Tuberculosis clinic

A clinic for the screening, diagnosis, treatment, and follow-up o findividuals with tuberculosis and contacts of individuals positive for TB.

07=Other Health Department Clinic A public clinic administered by a local or state health department that can not be classified in one of the other defined disease- or medical service-specific facility

types.

08=Private Physician/HMO

A non-publicly-funded group of health care providers or an individual health care provider who provides medical care (e.g., general/family/internal medicine practitioners, pediatricians).

10= Hospital - Emergency Room; Urgent Care facility A department in a hospital or clinic staffed and equipped to provide emergency care to persons requiring immediate medical treatment. (includes Urgent Care).

11=Correctional facility

A prison, jail, detention center, or other correctional facility where persons are incarcerated or supervised by the criminal

justice system.

12=Laboratory

Facility providing the clinical diagnostic testing of biological or environmental specimens using a variety of test methods

and reporting of results.

13=Blood Bank

Facility where blood donations are taken, blood is screened and processed to ensure viability, and stored until needed.

14=Labor and delivery

A facility providing health care services to women during labor and delivery through

birth of the infant.

15=Prenatal

A clinic whose primary mission is to provide health care and education to pregnant women (from time of diagnosis of pregnancy to the time of labor and

delivery).

16=National Job Training

Program

A residential, educational, and job training program for at-risk youth aged 16 to 24 years. National Job Training Program is a public-private partnership administered by the U.S. Department of Labor and the Employment and Training Administration.

17=School-based Clinic

A clinic located in or affiliated with a middle school, junior high school, senior high school, or other type of school providing education at or below 12th grade that provides medical care and health

education to students.

Name	NI	Data Element Definition (Joiumns	values	Data Element "legal" value definition	Optional
			C	CODE KEY		
				18); M=Modified (2018) amydia; G=Gonorrhea; S=Syph	ilis: CH-Changraid	
INIEOCRCE		Keq-Kequileu, Opt-Options	ai, C1–Ciii			
INFOSRCE - Facility Type (STD dx, rx)				18=Mental Health Provider	Facility or provider providing inpatient or outpatient mental health services.	
(cont'd)			29=Hospital – Other	A multidisciplinary public or private facility that provides non-emergency inpatient or outpatient medical services. Includes specialty clinics within a hospital (Excludes care sites that provide emergency or urgent care and obstetric or labor and delivery services.)		
				66=Indian Health Service	A medical care facility funded by the Indian Health Service.	
				77=Military	A facility operated by the U.S. military whose primary mission is to provide health care.	
				88=Other	A clinic that can not be categorized in any of the other defined facility types.	
				99=Unknown (if data not available)	Facility type not available.	
Method of Case Detection		How did the case patient first come to the attention of the health department for this condition?	63-64	20=Screening	An asymptomatic patient was identified through screening (routine testing of populations who are asymptomatic in order to identify those with disease). Examples of screening programs include health department outreach to high-risk populations (e.g., commercial sexworkers), HIV care clinics, family planning, blood donation, corrections-based, and prenatal. This includes STD and other health department clinic visits by a client who tests positive for a condition with which they were unaware (e.g., asymptomatic walk-ins) of before being seen at the clinic.	Req S Opt CT, G, CH
				21=Self-referred	Refers to patient who sought health services because of signs of an STD and was subsequently tested for the disease being reported. This includes symptomatic STD clinic testing.	
				22=Patient Referred Partner	Patient referred by another infected person. This may be a named or unnamed partner. No health department involvement was necessary for this referral.	
				23=Health Department referred partner	This patient is a named partner of a known case. Patient identified through DIS, or other health department personnel, activity following an interview of another known case. The health department was involved in the referral of this individual (e.g., the DIS contacted, called, visited, sent letter, etc., the patient to inform them of their need to be tested).	
				24=Cluster related	Patient was originally identified as a Social Contact (Suspect) or Associate. Cluster brought to the attention of the program as a result of a DIS interview.	

Name IV	Data Element Definition	Columns	values	Data Element legal value definition	Optional		
CODE KEY *N=New (2018); M=Modified (2018) *Req=Required; Opt=Optional; CT=Chlamydia; G=Gonorrhea; S=Syphilis; CH=Chancroid							
Method of Case Detection (cont'd)			88=Other	In the event that values 20-24 do not apply, please select this value.			
ZIP	5-digit Zip code of residence of the case patient.	65-69	#####; (99999=Unknown, if data not available)		Req CT, G, S, CH		
CITY (DISCONTINUED)	Previously collected CITY data.	70-73	9999=(Default)	This variable should be set to 9999. It is no longer being collected by DSTDP.			
PID (DISCONTINUED)	Previously collected PID data.	74	9=(Default)	This variable should be set to 9. It is no longer being collected by DSTDP.			
Pregnant - initial exam	Was the case patient pregnant at time of initial exam for the condition reported in this case report?	75	1=Yes 2=No 9=Unknown		Req S Opt CT, G, CH		
ORIGIN (DISCONTINUED)	Previously collected ORIGIN-Source of morbidity report.	76	9=(Default)	This variable should be set to 9. It is no longer being collected by DSTDP.			
DX_DATE (DISCONTINUED)	Previously collected date of diagnosis.	77-84	99999999=(Default)	This variable should be set to 99999999. It is no longer being collected by DSTDP.			
Specimen source	Anatomic site or specimen type from which positive lab specimen was collected.	85-86	01=Cervix/Endocervix 02=Lesion-Genital 03=Lesion-Extra Genital 04=Lymph Node Aspirate 05=Oropharynx 06=Ophthalmia/Conjunctiva 07=Other 08=Other Aspirate 09=Rectum 10=Urethra 11=Urine 12=Vagina 13=Blood/Serum 14=Cerebrospinal fluid (CSF) 88=Not Applicable 99=Unknown		Req CT, G Opt S, CH		
Date of laboratory specimen collection	Date of collection of initial laboratory specimen used for diagnosis of health event reported in this case report.	87-94	YYYYMMDD format (99999999=Unknown)	PREFERRED date for assignment of <i>MMWR</i> week. First date in hierarchy of date types associated with case report/event.	Req CT, G, S, CH		
Neurological Minvolvement?	If event = some stage of syphilis, does the patient have neurologic involvement based on current case definition?	95	9=(Default)	This variable should be set to 9. It has been superseded by the neurologic manifestations variable located in column 192.	Req S		
INTERVIEW (DISCONTINUED)	Previously collected interview case status.	96	9=(Default)	This variable should be set to 9. It is no longer being collected by DSTDP.			
PARTNER (DISCONTINUED)	Previously collected sex of sex partners.	97	9=(Default)	This variable should be set to 9. It has been superseded by the sex partner data located in columns 147-148.			
American Indian/ Alaska native?	Case patient reported Am Indian/Alaska Native (AI/AN) race	98	Y = Yes U=(Default)	Y = Yes, case-patient reports AI/AN race; Otherwise pad with a "U".	Req CT, G, S, CH		

Data Element Name	*N/ M	Data Element Definition	Columns	Data Element ''legal'' Values	Data Element ''legal'' value definition	Required/ Optional ⁺
		* Req=Req uired; Opt= Opt	*N=New (20	CODE KEY 018); M=Modified (2018) alamydia; G=Gonorrhea; S=Sy	philis; CH=Chancroid	
Asian?		Case patient reported Asian race	99	Y = Yes U=(Default)	Y = Yes, case-patient reports Asian race; Otherwise pad with a "U".	Req CT, G, S, CH
Black/African American?		Case patient reported Black/African American (B) race	100	Y = Yes U=(Default)	Y = Yes, case-patient reports Black race; Otherwise pad with a "U".	Req CT, G, S, CH
Native Hawaiian/ Pacific Islander?		Case patient reported Native Hawaiian/Pacific Island (NH/PI) race	101	Y = Yes U=(Default)	Y = Yes, case-patient reports NH/PI race; Otherwise pad with a "U".	Req CT, G, S, CH
White?		Case patient reported White (W) race	102	Y = Yes U=(Default)	Y = Yes, case-patient reports White race; Otherwise pad with a "U".	Req CT, G, S, CH
Other race?		Case patient reported some other race (not AI/NA, Asian, Black, NH/PI, White)	103	Y = Yes U=(Default)	Y = Yes, case-patient reports some other race (not Al/AN, Asian, Black, NH/PI, or White); Otherwise pad with a "U".	Req CT, G, S, CH
Refused to report race		Case patient refused to report race	104	Y = Yes U=(Default)	Y = Yes, case-patient refused to report race; Otherwise pad with a "U".	Req CT, G, S, CH
Unknown race		Case patient could not answer this question for any reason	105	Y = Yes U=(Default)	Y = Yes, case-patient could not provide information regarding their race; Otherwise pad with a "U".	Req CT, G, S, CH
Hispanic/Latino?		Indicator for case-patient's Hispanic/Latino ethnicity.	106	Y=Yes	Case-patient reports Hispanic or Latino ethnicity.	Req CT, G, S, CH
				N=No	Case-patient does NOT report Hispanic or Latino ethnicity.	
				U=Unknown	Case-patient's ethnicity information is not known.	
				R = Refused to answer	Case-patient refused to respond to questions regarding ethnicity.	
Census tract of case-patient residence		Census tract where the address is located is a unique identifier associated with a small statistical subdivision of a county. Census tract data allows a user to find population and housing statistics about a specific part of an urban area. A single community may be composed of several census tracts.	107-112	6-character length alphanumeric		Opt CT, G, S, CH
STD IMPORT		Was case imported? Was disease acquired elsewhere? Indicates probable location of disease acquisition relative to reporting state.	113	N - Not an imported case	Health event for this case report was acquired in the reporting state or intrastate jurisdiction that was responsible for case management.	Opt CT, G, S, CH
				C – Yes, imported from another country	Health event for this case report was acquired outside the US	
				S - Yes, imported from another state	Health event for this case report was acquired in the US, but not in the reporting state	
				J - Yes, imported from another county/ jurisdiction in the state	Health event for this case report was acquired in another county/jurisdiction in the state. Implies intrastate crossjurisdictional activity may have been initiated for STD control.	

Data Element *N/ Data Element "legal" Required/ M **Data Element Definition** Columns Values Data Element "legal" value definition Optional* Name CODE KEY *N=New (2018); M=Modified (2018) *Req=Required; Opt=Optional; CT=Chlamydia; G=Gonorrhea; S=Syphilis; CH=Chancroid STD IMPORT D - Yes, imported but not Health event for this case report was imported from outside the reporting state, (cont'd) able to determine source but there is insufficient information to state and/or country determine if the disease was acquired within or outside the US U - Unknown Insufficient information is available to determine where disease acquisition occurred. Date of initial health Date of earliest healthcare 114-121 YYYYMMDD format Req CT, G, S, CH if exam associated encounter/visit /exam associated with (99999999=Unknown) (99999999=N/A) with case report this event/case report. May equate date of "health event" with date of exam or date of laboratory diagnosis. specimen collection is not reported YYYYMMDD format Date of first report of case to local or Req CT, G, Date of first report 122-129 of case/event to state health department (first tier of (99999999=Unknown) S, CH if public health system in reporting (99999999=N/A) public health system date of jurisdiction; may equate to city, laboratory county, region, or state public health specimen system level). collection AND date of initial health exam associated with the case report "health event" are not reported Treatment date Date treatment initiated for the 130-137 YYYYMMDD format Req S condition that is the subject of this (99999999=Unknown) Opt CT, case report. G, CH INITIAL date case report was sent Date case report 138-145 YYYYMMDD format Opt CT, from reporting jurisdiction to CDC. initially sent from (99999999=Unknown) G. S.CH reporting Generated by the reporting jurisdiction to CDC jurisdiction at the time of report to CDC. Can be generated by the information system. HIV status? Documented or self-reported HIV 146 P = HIV positive Reg S status at the time of event. N = HIV negative Opt CT, E = Equivocal HIV test G, CH result U = UnknownR = Refused to answerD = Did not ask Had sex with a male 147 Y = YesReq S within past 12 N = NoOpt CT, R = Refused to answer G, CH months? D = Did not ask Had sex with a 148 Y = YesReq S female within past N = NoOpt CT, 12 months? R = Refused to answerG, CH D = Did not ask

Data Element *N/ Data Element "legal" Required/ M **Data Element Definition** Columns Values Data Element "legal" value definition Optional* Name CODE KEY *N=New (2018); M=Modified (2018) *Req=Required; Opt=Optional; CT=Chlamydia; G=Gonorrhea; S=Syphilis; CH=Chancroid 149 Y = YesHad sex with an Req S Opt CT, anonymous partner N = NoR = Refused to answer G, CH within past 12 months? D = Did not ask Had sex with a 150 Y = YesReq S Opt CT, person known to N = Nohim/her to be an R = Refused to answer G, CH IDU within past 12 D = Did not askmonths? Y = YesHad sex while 151 Req S intoxicated and/or N = NoOpt CT, R = Refused to answer G, CH high on drugs within past 12 D = Did not askmonths? 152 Y = YesReq S Exchanged drugs/money for sex N = NoOpt CT, G, CH within past 12 R = Refused to answer months? D = Did not ask Y = YesReq S Had sex with a NOTE: For women only. 153 person who is N = NoOpt CT, R = Refused to answerknown to her to be G, CH an MSM within past D = Did not ask 12 months? Engaged in 154 Y = YesReq S N = Noinjection drug use Opt CT, R = Refused to answerG, CH within past 12 months? D = Did not askDuring the past 12 months, which of the following injection or noninjection drugs have been used? Crack A potent, relatively cheap, addictive 155 Y = YesReq S variety of cocaine; often a rock, N = NoOpt CT, usually smoked through a crack-pipe R = Refused to answer G, CH (synonyms: rock, rock cocaine). D = Did not ask Cocaine A stimulant narcotic in the form of a Y = YesReq S white powder that users generally N = NoOpt CT, G, CH self-administer by insufflation R = Refused to answer through the nose (synonyms: coke, D = Did not asksnow, blow). Heroin An addictive, narcotic drug derived 157 Y = YesReq S from opium (synonyms: horse, junk, $N = N_0$ Opt CT, smack). R = Refused to answerG, CH D = Did not ask A highly addictive phenethylamine 158 Y = YesMethamphetamines Req S stimulant drug (synonyms: ice, N = NoOpt CT, crystal, meth). R = Refused to answerG, CH D = Did not ask Nitrates/Poppers Any one of various alkyl nitrites Y = YesReg S (particularly amyl nitrite, butyl nitrite N = NoOpt CT, and isobutyl nitrite) taken for R = Refused to answerG, CH recreational purposes through direct D = Did not askinhalation.

Data Element *N/ Data Element "legal" Required/ Optional* M **Data Element Definition** Columns Data Element "legal" value definition Name Values CODE KEY *N=New (2018); M=Modified (2018) *Req=Required; Opt=Optional; CT=Chlamydia; G=Gonorrhea; S=Syphilis; CH=Chancroid Erectile dysfunction Any one of several drugs available 160 Y = YesNote: Over-the-Counter (OTC) herbal Req S Opt CT, N = No(ED) medications by prescription (e.g. Viagra) used to medicines or remedies to treat ED should treat erectile dysfunction. R = Refused to answerNOT be considered 'eligible' ED drugs for G, CH D = Did not ask the purposes of this question. Other drug(s) used? Other drug = type of injection or Y = YesReq S non-injection drug used for N = NoOpt CT, recreational purposes that is not R = Refused to answerG, CH D = Did not ask listed above. No drug use 162 Y = YesReg S N = NoOpt CT, reported R = Refused to answer G, CH D = Did not askBeen incarcerated 163 Y = YesReq S within past 12 N = NoOpt CT, months? R = Refused to answerG, CH D = Did not ask History of ever Does the patient have a history of 164 Y=Yes, patient has a history Req S having an STD prior ever having had an STD prior to the Opt CT, to this STD N=No, patient has never G, CH condition reported in this case diagnosis? had a prior STD report? U=Unknown if patient has had a prior STD R = Patient refused to answer any questions regarding prior STD history Have you met sex Did the patient use an online 165 Y = YesReq S partners through the computer site to exchange messages N = NoOpt CT, R = Refused to answerG. CH Internet in the last by typing them onscreen to engage in 12 months? conversation with other visitors to D = Did not ask the site for the purpose of having ### Total number of sex Total number of claimed sex partners 166-168 Req S partners last 12 that the case patient has had in the 888=Patient refused to Opt CT, months? last 12 months. Total partners equal answer questions G, CH the sum of all male, female, and regarding number of transgender partners during the last sex partners 999=Unknown number of 12 months. Those marked unknown or refused are excluded from the sex partners in last 12 total. months Clinician-observed If condition = any stage of syphilis, report anatomic site(s) of clinicianlesion(s) indicative of syphilis were observed lesion(s) (e.g., chancre, identified at which rash, condyloma lata) at time of of the following initial exam or specimen collection. anatomic site(s)? Mark all that apply. (Mark all that apply.) A=Anus/Rectum One or more lesion(s) indicative of Variable value is Y, dependent upon Y = YesReq S whether a lesion compatible with syphilis syphilis were present in the anus or U=(Default) Opt CH was observed at this anatomic site; rectum. Otherwise pad with a "U". B=Penis One or more lesion(s) indicative of Y = YesVariable value is Y, dependent upon Reg S syphilis were present on the penis. U=(Default) whether a lesion compatible with syphilis Opt CH was observed at this anatomic site; Otherwise pad with a "U".

Data Element *N/ Data Element "legal" Required/ M **Data Element Definition** Columns Data Element "legal" value definition Optional* Name Values CODE KEY *N=New (2018); M=Modified (2018) *Req=Required; Opt=Optional; CT=Chlamydia; G=Gonorrhea; S=Syphilis; CH=Chancroid 171 Variable value is Y, dependent upon C=Scrotum One or more lesion(s) indicative of Y= Yes Req S syphilis were present on the scrotum. U=(Default) whether a lesion compatible with syphilis Opt CH was observed at this anatomic site; Otherwise pad with a "U". D=Vagina One or more lesion(s) indicative of 172 Y = YesVariable value is Y, dependent upon Req S Opt CH syphilis were present in the vagina. U=(Default) whether a lesion compatible with syphilis was observed at this anatomic site; Otherwise pad with a "U". E=Cervix One or more lesion(s) indicative of Y= Yes Variable value is Y, dependent upon Reg S syphilis were present on the cervix. whether a lesion compatible with syphilis Opt CH U=(Default) was observed at this anatomic site; Otherwise pad with a "U". F=Nasopharynx One or more lesion(s) indicative of 174 Y= Yes Variable value is Y, dependent upon Reg S syphilis were present in the U=(Default) whether a lesion compatible with syphilis Opt CH was observed at this anatomic site; nasopharynx. Otherwise pad with a "U". 175 Y= Yes G=Mouth/Oral One or more lesion(s) indicative of Variable value is Y, dependent upon Req S cavity syphilis were present in the mouth or U=(Default) whether a lesion compatible with syphilis Opt CH was observed at this anatomic site; oral cavity. Otherwise pad with a "U". H=Eye/conjunctiva One or more lesion(s) indicative of 176 Y = YesVariable value is Y, dependent upon Req S syphilis were present on the eye or U=(Default) whether a lesion compatible with syphilis Opt CH conjunctiva. was observed at this anatomic site; Otherwise pad with a "U". I=Head One or more lesion(s) indicative of 177 Y = YesVariable value is Y, dependent upon Req S whether a lesion compatible with syphilis Opt CH syphilis were present on the head. U=(Default) was observed at this anatomic site; Otherwise pad with a "U". J=Torso One or more lesion(s) indicative of Y = YesVariable value is Y, dependent upon Req S whether a lesion compatible with syphilis Opt CH syphilis were present on the torso. U=(Default) was observed at this anatomic site; Otherwise pad with a "U". K=Extremities One or more lesion(s) indicative of Y= Yes Variable value is Y, dependent upon Req S (Arms, legs, feet, syphilis were present on the U=(Default) whether a lesion compatible with syphilis Opt CH hands) extremities (arms, legs, feet, hands). was observed at this anatomic site; Otherwise pad with a "U". 180 N= No lesion noted Patient was evaluated but no Y= Yes Variable value is Y, dependent upon Req S whether a lesion compatible with syphilis Opt CH lesion(s) indicative of syphilis were U=(Default) observed. was observed at this anatomic site; Otherwise pad with a "U". O=Other anatomic One or more lesion(s) indicative of 181 Y= Yes Variable value is Y, dependent upon Req S site not represented syphilis were present in some other U=(Default) whether a lesion compatible with syphilis Opt CH in other defined anatomic site not represented in the was observed at this anatomic site; anatomic sites defined anatomic sites. Otherwise pad with a "U". U=Unknown Anatomic site of lesion information 182 Y = YesVariable value is Y, dependent upon Req S is not available for whatever reason, U=(Default) whether a lesion compatible with syphilis Opt CH e.g. patient not evaluated or was observed at this anatomic site; information is not available for data Otherwise pad with a "U". entry.

Data Element *N/ Data Element "legal" Required/ M **Data Element Definition Columns** Data Element "legal" value definition Optional⁺ Values Name CODE KEY *N=New (2018); M=Modified (2018) *Req=Required; Opt=Optional; CT=Chlamydia; G=Gonorrhea; S=Syphilis; CH=Chancroid What type of non-treponemal 183 1= Rapid Plasma Reagin Type of non-Req S treponemal (RPR) serologic test for syphilis was performed on specimen collected to serologic test for 2= Venereal Disease syphilis support case patient's diagnosis of Research Laboratory test (VDRL) (serology) syphilis? 3=VDRL test of cerebrospinal fluid (CSF) 9= Unknown test type If the test performed provides a ###### (see Ex. A) Quantitative 184-189 Example A: If titer is 1:64, enter 64; if titer Req S <##### (see Ex. B) syphilis test result quantifiable result, provide is 1:1024, enter 1024. >##### (see Ex. B) quantitative result (e.g. if RPR is positive, provide titer, e.g. 1:64) NR= nonreactive Example B: Valid entries: <titer value or WR= weakly reactive >titer value. For example, <64 or >16384. 999999= unknown All entries should be left justified (no preceding or trailing zeroes). **NETSS Version** M What version of the NETSS record 190-191 05=Version 5 Req CT, layout are you providing? G, S, CH 192 1 = Yes, Verified Neurologic If event = some stage of syphilis, Req S M manifestations does the patient have neurologic 2 = Yes, Likely manifestations of syphilis? 3 = Yes, Possible 4 = No9 = UnknownOcular If event = some stage of syphilis, 1 = Yes, Verified Req S manifestations does the patient have ocular 2 = Yes, Likely manifestations of syphilis? 3 = Yes, Possible 4 = No9 = UnknownIf event = some stage of syphilis, Otic manifestations N 1 = Yes, Verified Req S does the patient have otic 2 = Yes, Likely manifestations of syphilis? 3 = Yes, Possible 4 = No9 = UnknownLate clinical If event = some stage of syphilis, 1 = Yes, Verified Req S 2 = Yes, Likely manifestations does the patient have late clinical manifestations of syphilis? 4 = No9 = UnknownSexual orientation Patient reported sexual orientation 1 = Gay or lesbian Patient reported attraction to same, opposite Opt CT, (i.e., person's physical and/or 2 = Straight, not gay or or both genders; default to 9=Unknown if G, S, CH emotional attraction to individuals of not ascertained for this case. lesbian the same gender, opposite gender or 3 = Bisexualmultiple genders) 4 =Something else 9 = UnknownGender identity Patient-reported gender identity (i.e., Patient reported gender identity and Opt CT, 1 = Transgender male-toindividual's personal sense of being female transgender directionality; default to G, S, CH 2 = Transgender female-to-9=Unknown if not ascertained for this case male, female or transgender) 3 = Transgender unspecified 4 = Cisgender/Not transgender 9 = Unknown

Data Element Name	*N/ M	Data Element Definition	Columns	Data Element "legal" Values	Data Element "legal" value definition	Required/ Optional ⁺
		* Req=Req uired; Opt= Op	*N=New (20	CODE KEY 118); M=Modified (2018) ılamydia; G=Gonorrhea; S=	Syphilis; CH=Chancroid	
Case Sample	N	Indicates case randomly selected for enhanced investigation	198	Y = Yes N = No U = Unknown	Indicates whether case was selected randomly for enhanced investigation (as part of specific surveillance enhancement projects). Default to U=Unknown if no enhanced surveillance projects are implemented.	Opt CT, G, S, CH

National Electronic Telecommunications System for Surveillance (NETSS) RECORD LAYOUT FOR TRANSMISSION OF STD MORBIDITY DATA CONGENITAL SYPHILIS CASE RECORD (LINE-LISTED DATA)

CDC 73.126 form was revised (02/2013)

(Effective as of January 2014)

Data Element Name	*N/M	Columns	Data Element Definition/Values				
	*N=New (2013); M=Modified (2013)						
RECTYPE		1	Record type will determine how the record is handled when it arrives at CDC. Value for case data: M=MMWR report				
UPDATE		2	Currently not implemented. (Pad with a 9)				
STATE		3-4	Reporting State FIPS code - (e.g., "06", "13").				
YEAR		5-6	MMWR Year (2-digits) for which case information reported to CDC.				
CASEID		7-12	Unique Case ID (numeric only) assigned by the state.				
SITE		13-15	Location code used by the state to indicate where report originated and who has responsibility for maintaining the record. (NOTE: STD*MIS software substitutes a '#' for the leading 'S' in codes listed below). Values include: S01=State epidemiologist S02=State STD Program S03=State Chronic Disease Program S04-S99=Other state offices R01-R99=Regional or district offices 001-999=County health depts (FIPS codes) L01-L99=Laboratories within state CD1=Historical records (prior to new format) CD2=Entered at CDC (based on phone reports)				
WEEK	M	16-17	MMWR Week on Surveillance Calendar. MMWR Week should be assigned using the date in the variable "Event Date."				
EVENT		18-22	Event (disease) code for the disease being reported. Value: 10316=Syphilis (congenital)				
COUNT		23-27	For case records this field will always contain "00001".				
COUNTY		28-30	FIPS code for reporting county (999=Unknown)				
BIRTHDATE		31-38	Date of birth of infant in YYYYMMDD format (99999999=Unknown)				
AGE		39-41	Estimated Gestational Age in weeks - (e.g., "038", "042") (999= Unknown)				
AGETYPE		42	Indicates the units (weeks) for the AGE field. Values: 2=0-52 Weeks 9=Gestational Age Unknown (AGE field should be 999)				

Data Element Name	*N/M	Columns	Data Element Definition/Values
		*N=New	CODE KEY (2013); M=Modified (2013)
SEX (DISCONTINUED)	M	43	Gender. Value: 9=(Default) This variable should DEFAULT to 9. It is no longer being collected by DSTDP.
RACE	M	44	Race of Mother. Value: 9=(Default) This variable should DEFAULT to 9. It has been superseded by the individual RACE variables located in columns 238-244.
HISPANIC		45	Indicator for Mother's Hispanic ethnicity. Values: 1=Hispanic/Latino 2=Non-Hispanic/Latino 9=Unknown
EVENTDATE		46-51	Date of Report to Health Department in YYMMDD format
DATETYPE		52	A code describing the type of date provided in EVENTDATE. Value: 4=Date of first report to community health system
CASE STATUS		53	Recode of Case Classification. Values: 1=Confirmed, Probable, or Syphilitic stillbirth 2=Not a case 9=Unknown
IMPORTED (DISCONTINUED)		54	Indicates if the case was imported into the state or the U.S. Value: 9=(Default) This variable should default to 9. It has been superseded by the STD IMPORT variable located in Column 256.
OUTBREAK		55	Indicates whether the case was associated with an outbreak. Values: I = Yes 2 = No 9 = Unknown
FUTURE		56-60	Reserved for future use (Pad with 99999).
INFOSRCE		61-62	Information Source/Provider Codes (from Interview Record if available). Values: 01=HIV Counseling and Testing Site 02=STD clinic 03=Drug Treatment 04=Family Planning 06=Tuberculosis clinic 07=Other Health Department clinic 08=Private Physician/HMO 10=Hospital-Emergency Room; Urgent Care Facility

Data Element Name	*N/M	Columns	Data Element Definition/Values
		*N=New	CODE KEY v (2013); M=Modified (2013)
INFOSRCE (cont'd)			11=Correctional Facility 12=Laboratory 13=Blood Bank 14=Labor and Delivery 15=Prenatal 16=National Job Training Program 17=School-based Clinic 18=Mental Health Provider 29=Hospital-Other 66=Indian Health Service 77=Military 88=Other 99=Unknown (if data not available)
DETECTED	M	63-64	Method of Case Detection (from Interview Record if available). Values: 20=Screening 21=Self-referred 22=Patient referred partner 23=Health Department referred partner 24= Cluster related 88=Other 99=Unknown
MZIP		65-69	Zip Code for Mother's Residence 99999=Unknown (if data not available)
FUTURE	M	70-79	Reserved for future use (Pad with 999999999)
CITY (DISCONTINUED)	M	80-83	Previously reporting City FIPS Code. Value: 9999=(Default) This variable should DEFAULT to 9999. It is no longer being collected by DSTDP.
SENTINEL (DISCONTINUED)	M	84	Sentinel Reporting Site. Value: 9=(Default) This variable should DEFAULT to 9. It is no longer being collected by DSTDP.
MSTATE		85-86	FIPS Code for Mother's State of Residence. Code 98 for Mexico and 97 for any other non-USA residence. (99=Unknown)
MCOUNTY		87-89	FIPS Code for Mother's County of Residence. Code 998 for Mexico and 997 for any other non-USA residence. (999=Unknown)
MCITY (DISCONTINUED)	M	90-93	Previously FIPS Code for Mother's City of Residence. Value: 9999=(Default) This variable should DEFAULT to 9999. It is no longer being collected by DSTDP.
MBIRTH		94-101	Mother's Date of Birth in YYYYMMDD format. (99999999=Unknown)

Data Element Name	*N/M	Columns	Data Element Definition/Values
		*N=New	CODE KEY v (2013); M=Modified (2013)
MARITAL		102	Mother's Marital Status. Values: I=Single, never married 2=Married 3=Separated/Divorced 4=Widow 8=Other 9=Unknown
LMP		103-110	Date of Mother's Last Menstrual Period before delivery in YYYYMMDD format. (99999999=Unknown)
PRENATAL	M	111	Did mother have prenatal care? Values: 0=No prenatal care 1=Yes 9=Unknown
PNCDATE1		112-119	Date of mother's first prenatal visit in YYYYMMDD format. (99999999=Unknown)
PNCNUM (DISCONTINUED)	M	120-121	Number of prenatal visits. Value: 99=(Default) This variable should DEFAULT to 99. It is no longer being collected by DSTDP.
NONTREP (DISCONTINUED)	M	122	Did mother have non-treponemal test (e.g., RPR or VDRL) in pregnancy, at delivery, or soon after delivery? Value: 9=(Default) This variable should DEFAULT to 9. It is no longer being collected by DSTDP.
DATEA		123-130	Date of mother's most recent non-treponemal test in YYYYMMDD format. (99999999=Unknown)
RESULTA		131	Result of mother's most recent non-treponemal test. Values: 1=Reactive 2=Nonreactive 9=Unknown
DATEB		132-139	Date of mother's first non-treponemal test in YYYYMMDD format. (99999999=Unknown)
RESULTB		140	Result of mother's first non-treponemal test. Values: I=Reactive 2=Nonreactive 9=Unknown

Data Element Name	*N/M	Columns	Data Element Definition/Values
		*N=New	CODE KEY (2013); M=Modified (2013)
DATEC (DISCONTINUED)	M	141-148	Date of non-treponemal test in YYYYMMDD format. 99999999=(Default) This variable should DEFAULT to 99999999. It is no longer being collected by DSTDP.
RESULTC (DISCONTINUED)	M	149	Result of non-treponemal test. Value: 9=(Default) This variable should DEFAULT to 9. It is no longer being collected by DSTDP.
DATED (DISCONTINUED)	M	150-157	Date of non-treponemal test in YYYYMMDD format. 99999999=(Default) This variable should DEFAULT to 99999999. It is no longer being collected by DSTDP.
RESULTD (DISCONTINUED)	M	158	Result of non-treponemal test. Value: 9=(Default) This variable should DEFAULT to 9. It is no longer being collected by DSTDP.
TITER		159-162	Titer of mother's most recent non-treponemal test. (The titer for date b is in columns 214-217). 0=weakly reactive 9999=Unknown
			Note: All entries should be left justified (no preceding or trailing zeroes). Example: If titer is 1:64, enter 64; if titer is 1:1024, enter 1024.
TREPONEM (DISCONTINUED)	M	163	Did mother have confirmatory treponemal test result (e.g., FTA-ABS or MHATP)? Value: 9=(Default) This variable should DEFAULT to 9. It is no longer being collected by DSTDP.
LESIONS (DISCONTINUED)	M	164	Did mother have darkfield or direct fluorescent antibody (DFA) exam of lesions at delivery? Value: 9=(Default) This variable should DEFAULT to 9. It is no longer being collected by DSTDP.
LASTREAT (DISCONTINUED)	M	165	When was mother last treated for syphilis? Value: 9=(Default) This variable should DEFAULT to 9. It is no longer being collected by DSTDP.

Data Element Name	*N/M	Columns	Data Element Definition/Values
		*N=New	CODE KEY 7 (2013); M=Modified (2013)
TXADQBEF (DISCONTINUED)	M	166	Before pregnancy, was mother's treatment adequate? Value: 9=(Default) This variable should DEFAULT to 9. It is no longer being collected by DSTDP.
TXADQDUR (DISCONTINUED)	M	167	During pregnancy, was mother's treatment adequate? Value: 9=(Default) This variable should DEFAULT to 9. It is no longer being collected by DSTDP.
RESPAPPR (DISCONTINUED)	M	168	Appropriate serologic response? Value: 9=(Default) This variable should DEFAULT to 9. It has been superseded by the RESPAPP2 variable located in column 298.
VITAL		169	Vital status of infant/child. Values: I=Alive 2=Born alive, then died 3=Stillborn 9=Unknown
DEATHDAT	M	170-177	Date of death of infant/child in YYYYMMDD format. (If alive, pad with 99999999) (99999999=Unknown)
BIRTHWT		178-181	Birthweight in grams (9999=Unknown)
REACSTS	M	182	Did infant/child have reactive non-treponemal test for syphilis? Values: I=Yes 2=No 3=No test 9=Unknown
REACDATE		183-190	Date of infant/child's first reactive non-treponemal test for syphilis in YYYYMMDD format. (99999999=Unknown)
SIGNSCS (DISCONTINUED)	M	191	Did infant/child have any classic signs of CS? Value: 9=(Default) This variable should DEFAULT to 9. It is no longer being collected by DSTDP.

Data Element Name	*N/M	Columns	Data Element Definition/Values
		*N=New	CODE KEY (2013); M=Modified (2013)
DARKFLD	M	192	Did the infant/child, placenta, or cord have darkfield exam, DFA, or special stains? Values: I = Yes, positive 2 = Yes, negative 3 = No test 4 = No lesions and no tissue to test 9 = Unknown
DFA (DISCONTINUED)	М	193	Did infant/child have a direct fluorescent antibody test? Value: 9=(Default) This variable should DEFAULT to 9. It is no longer being collected by DSTDP.
IGM (DISCONTINUED)	M	194	Did infant/child have an IgM-specific treponemal test? Value: 9=(Default) This variable should DEFAULT to 9. It is no longer being collected by DSTDP.
XRAYS		195	Did infant/child have long bone x-rays? Values: I=Yes, changes consistent with CS 2=Yes, no signs of CS 3=No x-rays 9=Unknown
CSFVDRL		196	Did infant/child have a CSF-VDRL? Values: I=Yes, reactive 2=Yes, nonreactive 3=No test 9=Unknown
CSFCOUNT (DISCONTINUED)	M	197	Did infant/child have a CSF cell count or CSF protein test? Value: 9=(Default) This variable should DEFAULT to 9. It is no longer being collected by DSTDP.
TREATED	M	198	Was infant/child treated? Values: 1=Yes, with Aqueous or Procaine Penicillin for 10 days 3=Yes, with Benzathine penicillin x 1 4=Yes, with other treatment 5=No treatment 9=Unknown
			Note: 2=(Obsolete response)

Data Element Name	*N/M	Columns	Data Element Definition/Values
		*N=New	CODE KEY (2013); M=Modified (2013)
CLASS		199	Case Classification. Values: 1=Not a case 2=Confirmed Case (laboratory confirmed identification of T.pallidum, e.g., darkfield or direct fluorescent antibody positive lesions) 3=Syphilitic stillbirth 4=Probable case (a case identified by the algorithm, which is not a confirmed case or syphilitic stillbirth)
ID126		200-206	CDC 73.126 form Case ID number (9999999=Unknown)
VERSION	M	207-213	CDC 73.126 Form Version. Value: 02-2013
TITERB		214-217	Titer of mother's first non-treponemal test b. 0=weakly reactive 9999=Unknown
			Note: All entries should be left justified (no preceding or trailing zeroes). Example: If titer is 1:64, enter 64; if titer is 1:1024, enter 1024.
TITERC (DISCONTINUED)	M	218-221	Titer of non-treponemal test c. Value: 9999=(Default) This variable should DEFAULT to 9999. It is no longer being collected by DSTDP.
TITERD (DISCONTINUED)	M	222-225	Titer of non-treponemal test d. Value: 9999=(Default) This variable should DEFAULT to 9999. It is no longer being collected by DSTDP.
TREATDAT (DISCONTINUED)	M	226-233	Date mother was treated in YYYYMMDD format. Value: 99999999=(Default) This variable should DEFAULT to 99999999. It is no longer being collected by DSTDP.
INFTITER		234-237	Titer of infant/child's first reactive non-treponemal test for syphilis. 0=weakly reactive 9999=Unknown
			Note: All entries should be left justified (no preceding or trailing zeroes). Example: If titer is 1:64, enter 64; if titer is 1:1024, enter 1024.

Data Element Name	*N/M	Columns	Data Element Definition/Values
		*N=New	CODE KEY (2013); M=Modified (2013)
			NOTE: If multiple races were selected and you entered code 8=Other for Race (column 44), please also select the appropriate race categories that apply in columns 238-244.
AMIND	M	238	American Indian/Alaskan Native: Values: 1 = Yes; Otherwise pad with a 9.
ASIAN	M	239	Asian: Values: 1 = Yes; Otherwise pad with a 9.
BLACK	M	240	Black: Values: 1 = Yes; Otherwise pad with a 9.
WHITE	M	241	White: Values: 1 = Yes; Otherwise pad with a 9.
NAHAW	M	242	Native Hawaiian or Other Pacific Islander: Values: 1 = Yes; Otherwise pad with a 9.
RACEOTH	M	243	Other Race: Values: 1 = Yes; Otherwise pad with a 9.
RACEUNK	M	244	Unknown Race: Values: 1 = Yes; Otherwise pad with a 9.
MCOUNTRY	M	245-246	Mother's country of residence. (XX=Unknown)
REACTREP	M	247	Did infant/child have reactive treponemal test? Values: 1 = Yes 2 = No 3 = No test 9 = Unknown
RTDATE		248-255	Date of infant/child's reactive treponemal test in YYYYMMDD format. (99999999=Unknown)
STD IMPORT		256	Was case imported? Was disease acquired elsewhere? Indicates probable location of disease acquisition relative to reporting state values. Values: N = Not an imported case C = Yes, imported from another country S = Yes, imported from another state J = Yes, imported from another county/jurisdiction in the state D = Yes, imported but not able to determine source state and/or country U = Unknown

Data Element Name	*N/M	Columns	Data Element Definition/Values		
*N=New (2013); M=Modified (2013)					
GRAVIDA	N	257-258	Number of pregnancies (e.g. 01) (99=Unknown)		
PARA	N	259-260	Number of live births (e.g. 03) (99=Unknown)		
PNCTRI	N	261	Trimester of mother's first prenatal visit. Values: $1 = 1st \ trimester$ $2 = 2nd \ trimester$ $3 = 3rd \ trimester$ $9 = Unknown$		
TESTVISA	N	262	Did mother have non-treponemal or treponemal test at first prenatal visit? Values: $I = Yes$ $2 = No$ $9 = Unknown$		
TESTVISB	N	263	Did mother have non-treponemal or treponemal test at 28-32 weeks gestation? Values: $I = Yes$ $2 = No$ $9 = Unknown$		
TESTVISC	N	264	Did mother have non-treponemal or treponemal test at delivery? Values: $1 = Yes$ $2 = No$ $9 = Unknown$		
TREPDTA	N	265-272	Date of mother's first treponemal test in YYYYMMDD format. (99999999=Unknown)		
TESTTYPA	N	273	Test type of mother's first treponemal test. Values: 1 = EIA or CLIA 2 = TP-PA 3 = Other 9 = Unknown		
TREPRESA	N	274	Result of mother's first treponemal test. Values: 1 = Reactive 2 = Nonreactive 9 = Unknown		
TREPDTB	N	275-282	Date of mother's most recent treponemal test in YYYYMMDD format. (99999999=Unknown)		
TESTTYPB	N	283	Test type of mother's most recent treponemal test. Values: 1 = EIA or CLIA 2 = TP-PA 3 = Other 9 = Unknown		

Data Element Name	*N/M	Columns	Data Element Definition/Values
		*N=New	CODE KEY (2013); M=Modified (2013)
TREPRESB	N	284	Result of mother's most recent treponemal test. Values: 1 = Reactive 2 = Nonreactive 9 = Unknown
HIVSTAT	N	285	What was mother's HIV status during pregnancy? Values: P = Positive E = Equivocal test X = Patient not tested N = Negative U = Unknown
CLINSTAG	N	286	What clinical stage of syphilis did mother have during pregnancy? Values: I = Primary 2 = Secondary 3 = Early latent 4 = Late or late latent 5 = Previously treated/serofast 8 = Other 9 = Unknown
SURVSTAG	M	287	What surveillance stage of syphilis did mother have during pregnancy? Values: 1 = Primary 2 = Secondary 3 = Early non-primary, non-secondary 4 = Unknown during or 8 = Other 9 = Unknown
FIRSTDT	N	288-295	Date of mother's first dose of benzathine penicillin in YYYYMMDD format. (99999999=Unknown)
FIRSTDOS	N	296	When did mother receive her first dose of benzathine penicillin? Values: 1 = Before pregnancy 2 = 1st trimester 3 = 2nd trimester 4 = 3rd trimester 5 = No Treatment 9 = Unknown
MOMTX	N	297	What was mother's treatment? Values: $I = 2.4 M$ units benzathine penicillin $2 = 4.8 M$ units benzathine penicillin $3 = 7.2 M$ units benzathine penicillin $8 = Other$ $9 = Unknown$

Data Element Name	*N/M	Columns	Data Element Definition/Values		
*N=New (2013); M=Modified (2013)					
RESPAPP2	N	298	Did mother have an appropriate serologic response? Values: 1 = Yes, appropriate response 2 = No, inappropriate response: evidence of treatment failure or reinfection 3 = Response could not be determined from available non-treponemal titer information 4 = Not enough time for titer to change		
			NOTE: Did the infant/child have any signs of CS? (check all that apply in columns 299-308)		
CLINNO	N	299	No signs/asymptomatic? Values: I = Yes; Otherwise pad with a 9.		
CLINLATA	N	300	Condyloma lata? Values: 1 = Yes; Otherwise pad with a 9.		
CLINSNUF	N	301	Snuffles? Values: 1 = Yes; Otherwise pad with a 9.		
CLINRASH	N	302	Syphilitic skin rash? Values: 1 = Yes; Otherwise pad with a 9.		
CLINHEPA	N	303	Hepatosplenomegaly? Values: 1 = Yes; Otherwise pad with a 9.		
CLINJUAN	N	304	Jaundice/Hepatitis? Values: 1 = Yes; Otherwise pad with a 9.		
CLINPARA	N	305	Pseudo paralysis? Values: 1 = Yes; Otherwise pad with a 9.		
CLINEDEM	N	306	Edema? Values: 1 = Yes; Otherwise pad with a 9.		
CLINOTH	N	307	Other signs of CS? Values: 1 = Yes; Otherwise pad with a 9.		
CLINUNK	N	308	Unknown signs of CS? Values: 1 = Yes; Otherwise pad with a 9.		

Data Element Name	*N/M	Columns	Data Element Definition/Values
		*N=New	CODE KEY (2013); M=Modified (2013)
CSFWBC	N	309	Did the infant/child have a CSF WBC count or CSF protein test? Values: 1 = Yes, CSF WBC count elevated 2 = Yes, CSF protein elevated 3 = Both tests elevated 4 = Neither test elevated 5 = No test 9 = Unknown

National Electronic Telecommunications System for Surveillance (NETSS) RECORD LAYOUT FOR TRANSMISSION OF STD MORBIDITY DATA DELETION RECORDS

Data Element Name	Columns	Data Element Definition/Values
RECTYPE	1	Record type will determine how the record is handled when it arrives at CDC. Value for deletion record: $D=Delete$
UPDATE	2	Currently not implemented.
STATE	3-4	Reporting State FIPS code - Q2 on 126 form.(e.g., "06", "13").
YEAR	5-6	MMWR Year (2-digits) in which record to be deleted was reported to CDC.
CASEID	7-12	Unique Case ID (numeric only) assigned by the state.
SITE	13-15	Location code used by the state to indicate where report originated and who has responsibility for maintaining the record. (NOTE: STD*MIS software substitutes a '#' for the leading 'S' in codes listed below). Values include: S01=State epidemiologist S02=State STD Program S03=State Chronic Disease Program S04-S99=Other state offices R01-R99=Regional or district offices 001-999=County health depts (FIPS codes) L01-L99=Laboratories within state CD1=Historical records (prior to new format) CD2=Entered at CDC (based on phone reports)
WEEK	16-17	MMWR Week on Surveillance Calendar, i.e., week in which record to be deleted was reported to CDC.
FILLER	18-60	Blank

National Electronic Telecommunications System for Surveillance (NETSS) RECORD LAYOUT FOR TRANSMISSION OF STD MORBIDITY DATA VERIFICATION RECORDS

Data Element Name	Columns	Data Element Definition/Values
RECTYPE	1	Record type will determine how the record is handled when it arrives at CDC. Value for verification record: V = V erification
STATE	2-3	Standard Reporting State FIPS code.(e.g., "06", "13").
EVENT	4-8	Event (disease) code for the disease being reported. STD Codes: 10273=Chancroid 10274=Chlamydia trachomatis infection 10280=Gonorrhea 10311=Syphilis (primary) 10312=Syphilis (secondary) 10313=Syphilis, early latent 10314=Syphilis, late latent 10316=Syphilis (congenital) 10319=Syphilis, late with clinical manifestations (including late benign syphilis and cardiovascular syphilis)
COUNT	9-13	Number of cases reported year-to-date.
YEAR	14-15	Year (2-digits) in which verification record is being transmitted to CDC.
FILLER	16-60	Blank

ATTACHMENT B EXAMPLE OF TRANSMISSION SUMMARY REPORT

NNDSS STATE'S STATUS-SUMMARY REPORT

WEEK 50 , WEEK ENDING DATE:12/15/2007

TABLE 1 PROCESS DATE: 12/18/2007

ANY STATE PROCESS TIME: 11:31

FILENAME FOR LOAD: R:\LINK\MMWRPROD\INNET77\MDN01919.STD

SUMMARY TOTALS OF THIS WEEK'S REPORT

TOTAL RECORDS RECEIVED	928
NUMBER OF NEW RECORDS ADDED TO DATABASE	553
NUMBER OF UPDATE/DELETION RECORDS	353
NUMBER OF VERIFICATION RECORDS	9
NUMBER OF NON_NOTIF RECORDS NOT ADDED TO DATABASE	0
NUMBER OF INVALID RECORDS NOT ADDED TO DATABASE	5

TABLE 2 PROCESS DATE: 12/18/2007

ANY STATE PROCESS TIME: 11:31

THE FOLLOWING DIFFERENCES WERE NOTED BETWEEN THE CDC/DHIS DATABASE AND THE VERIFICATION RECORDS SENT FROM THE STATE DATABASE

PLEASE RECONCILE THE COUNTS; CALL THE GENERAL BRANCH NUMBER @ (404) 498-6241 FOR ASSISTANCE, IF NECESSARY. PLEASE TRANSMIT CHANGES AND CORRECTIONS AS SOON AS POSSIBLE

EVENT	CDC	STATE	DIFFERENCE
ASEPTIC MENINGITIS	493		493+
BACTERIAL MENING., OTHER	58		58+
CHANCROID	1	1	
CHICKENPOX (VARICELLA)	6		6+
CHLAMYDIA TRACHOMATIS	19388	19378	10+
FLU ACTIVITY CODE	109		109+
GIARDIASIS	249		249+
GONORRHEA	5855	5850	5+
HAEMOPHILUS INFLUENZAE	79		79+
HEPATITIS B, V. ACUTE	125		125+
HEPATITIS C, V. ACUTE	29		29+
LEGIONELLOSIS	84		84+
LYME DISEASE	3019		3019+
MALARIA	63		63+
MENINGOCOCCAL DISEASE	20		20+
MUMPS	16		16+
PERTUSSIS	120		120+
RABIES, ANIMAL	327		327+
ROCKY MOUNTAIN SP. FEVER	90		90+
RUBELLA	1		1+
SALMONELLOSIS	865		865+
SHIGELLOSIS	113		113+
STAPHYLOCOCCUS (MRSA)	3		3+
STREPTOCOCCAL DISEASE, INV.GROUP			207+
STREPTOCOCCAL DISEASE, INV.GROUP			452+
SYPHILIS, CONGENITAL	15	15	
SYPHILIS, EARLY LATENT	283	279	4+
SYPHILIS, LATE LATENT	323	320	3+
SYPHILIS, LATE W/CLIN.	5	5	
SYPHILIS, PRIMARY	80	78	2+
SYPHILIS, SECONDARY	216	215	1+
TUBERCULOSIS	250		250+
TYPHOID FEVER	16		16+

 $^{^\}star$ STATE HAS MORE RECORDS THAN CDC/DHIS. PLEASE CHECK FILES AND TRANSMIT ANY ADDITIONAL RECORDS.

⁺ CDC\DHIS HAS MORE RECORDS THAN STATE. PLEASE CHECK FILES AND TRANSMIT APPROPRIATE DELETIONS.

WEEK 50, WEEK ENDING DATE:12/15/2007

TABLE 3 PROCESS DATE: 12/18/2007

ANY STATE PROCESS TIME: 11:31

UPDATES AND DELETIONS PERFORMED AND POSSIBLE ERRORS DETECTED

YEAR	WEEK	SITE	CASEID	EVENT	NAME	MESSAGE
2007	45	#01	48982	EVENT CODE	INVALID	RECORD DELETED
2007	49	#01	50162	EVENT CODE	INVALID	RECORD DELETED
2007	49	#01	50280	EVENT CODE	INVALID	RECORD DELETED
2007	40	#01	1684	GONORRHEA		RECORD UPDATED
2007	40	#01	1688	CHLAMYDIA		INVALID RECORD TYPE: K *(INVALID RECORD)
2007	25	#01	1693	CHANCROID		INVALID STATE CODE: 88 *(INVALID RECORD)
2007	40	#01	1694	CHLAMYDIA		RECORD UPDATED
2006	40	#01	1696	GONORRHEA		DATABASE CLOSED FOR YEAR: 06 *(INVALID RECORD)
2007	54	#01	1707	SYPHILIS,	PRIM	INVALID WEEK NUMBER: 54 *(INVALID RECORD)

^{*(}INVALID RECORD) - RECORD NOT ADDED TO DATABASE. PLEASE SEND CORRECTED RECORD.

⁽WARNING) - RECORD ADDED TO DATABASE. PLEASE SEND CORRECTIONS TO RECORD.