

## **Enhanced STD Surveillance Network (eSSuN)**

### **Att. 3C**

## **eSSuN Gonorrhea Case Surveillance Data Elements**

There is no public burden to collecting this information; state and local health departments routinely conduct disease reporting from provider and laboratory sources with case definitions and methods developed in collaboration with the Council for State and Territorial Epidemiologists (CSTE) and CDC. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: CDC, Project Clearance Officer, 1600 Clifton Road, MS D-74, Atlanta, GA 30333, ATTN: PRA (0920-14AQA). Do not send the completed form to this address.

## Gonorrhea Routine Case Surveillance Data Elements

1 P1\_SiteID

SSuN Site ID

***This 2 character code primarily identifies sites funded under eSSuN Cycle 3 and may include additional sites as required throughout the grant period.***

BA=Baltimore  
CA=California  
FL=Florida  
MA=Massachusetts  
MN=Minnesota  
MC=Multnomah County  
NY=New York City  
PH=Philadelphia  
SF=San Francisco  
WA=Washington

***Supplemental codes – for historical data only:***

***VA=Virginia (Cycle II)***

***AL=Alabama (Cycle II)***

***CO=Colorado (Cycle II)***

***CH=Chicago (Cycle II)***

***This data element cannot be 'null' or contain missing values.***

2 P1\_EventID

Site generated unique event identifier

***This record ID should be supplied by the site and may be an event or report identifier from underlying surveillance system. Regardless of source, this ID must be unique for each confirmed case report. This data element cannot be 'null' or contain missing values.***

3 P1\_PatientID

Site generated ID allows for longitudinal tracking of unique persons

***This ID should be supplied by the site and may be a unique patient identifier from underlying surveillance systems or may be generated specifically for eSSuN from identifying information provided through case reporting. Regardless of source, this ID must be unique and allow for longitudinal tracking of persons reported with multiple episodes of disease. This data element cannot be 'null' or contain missing values.***

4 P1\_RecRepDte

Earliest date this specific disease event/report received at health department?

***This date should reflect the earliest information available to the health department regarding the case. This date should include laboratory records received if lab results were reported prior to receipt of a provider case report.***

5 P1\_RandSamp

Is this record/case selected in the random sample?

***This data element cannot be 'null' or contain missing values.***

0=Not in random sample

1=In random sample

6 P1\_SampDte

Date record/case sampled by jurisdiction

***For jurisdiction deploying a batch process for record sampling, this should be the actual date that the batch was sampled. For jurisdictions deploying real-time sampling of cases through their surveillance system, this date should match the report date (or date case status was confirmed if appropriate). This data element cannot be 'null' or contain missing values.***

7 P1\_RecSx

Was lab or provider report how case was initially reported to the health department?

***This data element is intended to capture the source of the initial case notification to the health department. If the grantee is not able to reliably capture this information for a specific case, this must be documented by entering a value of '3' for that case record. This data element cannot be 'null' or contain missing values.***

0=Laboratory report, electronic

1=Laboratory report, paper

2=Provider report, electronic or paper

3=Report source not captured by surveillance system

8 P1\_PrevPtx

Is patient previously known to HD from infectious disease reporting records (TB, HIV, STDs, Hep)?

***This data element is designed to capture whether this patient is known to the HD from a previous case report. This data element cannot be 'null' or contain missing values. If a match with previous patients is***

**not done, please code as a new patient. If a subsequent match is performed and patient found to be previously reported, the value should be changed accordingly.**

0=New Patient, not previously reported  
1=Patient previously reported

9 P1\_InitSx

If patient previously reported, what is the registry/source of earliest report for this PATIENT?

0=STD Registry  
1=HIV Registry  
2=Viral Hepatitis Registry  
3=Other Disease Registry  
4=Unknown

10 P1\_HregMatch

Was eHARS registry match done for this patient?

***This data element may be initially coded as '2' if the grantee conducts a batch match with their HIV registry and the case is reported before that batch is processed. This information can be updated in the eSSuN record in the next data transmission following the match. This data element cannot be 'null' or contain missing values.***

1=Yes  
2=No

11 P1\_HregMatchStat

Did this patient match a registry entry in eHARS?

***This data element may be initially coded as '3' if the grantee conducts a batch match with their HIV registry and the case is reported before that batch is processed. This information can be updated in the eSSuN record in the next data transmission following the match. This data element cannot be 'null' or contain missing values.***

1=Matching Record Found  
2=No Matching Record  
3=Match Not Performed

12 P1\_HDXMOYR

What is this patient's earliest indication of HIV positive result?

***This information can be obtained from the eHARS person table (HIVPMOYR).***



13 P1\_Othno

Additional registry number

***If this patient also has a record in other/ancillary disease registries. This is primarily for local use in matching patient records to update missing information.***

14 P1\_Othsx

Additional registry source

***If this patient also has a record in other/ancillary disease registries and P1\_Othno is not blank, this element should be populated with the source.***

- 0=STD Registry
- 1=HIV Registry
- 2=Viral Hepatitis Registry
- 3=Other Disease Registry
- 4=Unknown



15 P1\_PrevDx  
HIV)

Most recent previous diagnosis (if applicable; could include hep, TB or

***If this patient also has a record in other/ancillary disease registries as indicated by #13 & 14 above, what was the initial diagnosis indicated by that record? Should be 'Null' if no previous diagnosis is confirmed.***

- 10311=Syphilis, primary
- 10312=Syphilis, secondary
- 10313=Syphilis, early latent
- 10315=Syphilis, unknown latent
- 10314=Syphilis, late latent
- 10318=Syphilis, late with symptoms
- 10280=Gonorrhea
- 10274=Chlamydia
- 10100=Hepatitis B, acute
- 10105=Hepatitis B, chronic
- 20001=Hepatitis C
- 10562=HIV infection (non-AIDS)
- 10560=AIDS
- 10307=Nongonococcal Urethritis (NGU)
- 10308=Muco-purulent cervicitis (MPC)
- 10309=Pelvic Inflammatory Disease (PID)
- 10273=Chancroid

10306=Lymphogranuloma venereum (LGV)

10276=Granuloma Inguinale

20002=TB

20003=Other

16 P1\_PrevDxDte

Date of most recent previous diagnosis documented above.

**Must not be null if P1\_PrevDx is not null.**

16.1 P1\_PrevGCDx

Has the patient been previously diagnosed and reported with GC?

1=Yes

2=No

3=Registry records not searched

16.2 P1\_PrevGCDxDte

Date of most recent previous diagnosis of GC documented above.

**Must not be null if P1\_PrevGCDx = 1**

17 P1\_CaseDup

Is this record/case a duplicate report, new report or was duplicate status not determined?

**The grantee should document if an initial case report was subsequently found to be a duplicate of an existing case – the record should be retained in the eSSuN dataset and coded as a duplicate ('1')? If the jurisdiction receives a report that they know to be a duplicate at the time of report, the record can be omitted from the eSSuN datasets and not sampled for enhanced investigation. This data element cannot be 'null' or contain missing values.**

0=New Case

1=Duplicate Case (previously reported <15 days)

9=Unknown, site surveillance system does not capture

18 P1\_FacilityID

Site generated facility ID. Each reporting provider/facility must have a unique facility ID and link to a record in the provider table.

**This is a primary key for linking the provider type and other provider information to the case record. Historically, the majority of cases in any grantee's jurisdictions will be reported from known providers, but for cases reported from entirely new providers, this field should be**

**populated with that facility's new number and be included in the next update of the provider reference file.**



19 P1\_Dispo

What is the status of the internal health department (Phase 1) investigation for this record?

***The investigation referred to for this data element includes the search of existing health department records, matching and merging with electronic or other laboratory data, eHARS match and other disease registries. At initial report, cases may be coded as '10'. This should be updated as appropriate. Cases listed as pending should be updated within 60 days and this information updated in the next eSSuN data transmission. This data element cannot be 'null' or contain missing values. Jurisdictions may choose to initiate phase 1 investigations on all reported cases, regardless of whether they fall into the random sample, or may elect to initiate phase 1 investigations on only those records in the random sample.***

0=Investigation complete: record referred to phase 2

1=Investigation complete: no further action, record determined to be a duplicate of previously reported case

2=Investigation complete: no further action, case determined to reside outside of jurisdiction based on existing department of health information

3=Investigation complete: no further action, case not in eSSuN random sample

4=Investigation complete: no further action, case not eligible for eSSuN sample

10=Investigation not complete: P1 investigation pending

11=Investigation not complete: no further action, insufficient information in originating record to initiate and complete internal investigation

22=Investigation not complete: record not in random sample



20 P1\_Referral1

Is this record/case referred for provider (Phase 2) investigation?

***This indicates whether the record has been referred to provider investigation (methods of which will differ across eSSuN sites). If provider is not contacted, surveyed or otherwise followed up with to supply any additional case-specific information, code as '1'.***

0=Referred to P2 Investigation

1=Not Referred to P2 Investigation

2=Referral Pending



21 P1\_PtxSex

Sex of the patient as indicated on initial health department report?

***This data element cannot be 'null' or contain missing values.***

1=Male

2=Female

3=Male-to-Female TG

4=Female-to-Male TG

5=TG Unknown or Unspecified

9=Unknown



22 P1\_PtxRace\_White

White Race

***Information from case/lab reports to the health department only.***

***Patient self-report from interviews should be captured in #110 – 116.***

***If additional information from any source (other than patient report) is received, #22 through 27 may be updated as required by underlying surveillance system.***

1=Yes

2=No

3=Unknown

4=Refused



23 P1\_PtxRace\_Black

Black Race

***Information from case/lab reports to the health department only.***

***Patient self-report from interviews should be captured in #110 – 116.***

***If additional information from any source (other than patient report) is received, #22 through 27 may be updated as required by underlying surveillance system.***

1=Yes

2=No

3=Unknown

4=Refused



23 P1\_PtxRace\_AIAN

American Indian/Alaska Native Race

***Information from case/lab reports to the health department only.***

***Patient self-report from interviews should be captured in #110 – 116.***



***If additional information from any source (other than patient report) is received, #22 through 27 may be updated as required by underlying surveillance system.***

- 1=Yes
- 2=No
- 3=Unknown
- 4=Refused



25 P1\_PtxRace\_Asian

Asian Race

***Information from case/lab reports to the health department only. Patient self-report from interviews should be captured in #110 – 116. If additional information from any source (other than patient report) is received, #22 through 27 may be updated as required by underlying surveillance system.***

- 1=Yes
- 2=No
- 3=Unknown
- 4=Refused



26 P1\_PtxRace\_NHOPI

Native Hawaiian/Other Pacific Islander Race

***Information from case/lab reports to the health department only. Patient self-report from interviews should be captured in #110 – 116. If additional information from any source (other than patient report) is received, #22 through 27 may be updated as required by underlying surveillance system. .***

- 1=Yes
- 2=No
- 3=Unknown
- 4=Refused



27 P1\_PtxRace\_Other

Other Race

***Information from case/lab reports to the health department only. Patient self-report from interviews should be captured in #110 – 116. If additional information from any source (other than patient report) is received, #22 through 27 may be updated as required by underlying surveillance system.***

- 1=Yes
- 2=No
- 3=Unknown
- 4=Refused



28 P1\_PtxRace\_UNK

Is all information on race and Hispanic ethnicity missing from initial reporting record/documents?  
***If additional/supplemental information is received on race and ethnicity of patient but this information was missing from the initial report to the health department, please leave this data element coded as '1' and capture the source of supplemental information in #29 below.***

- 1=Yes
- 2=No



29 P1\_PtxRaceSource  
for this patient?

What is the source of the final race information of record as ascertained  
***For grantees able to distinguish the source of information for race, please indicate as appropriate. For grantees NOT able to distinguish the source of race data at all, code as '6'. If race information is missing/unknown from all sources, code as '5'.***

- 1=Patient Self-Report
- 2=Provider Case Report
- 3=Laboratory Report
- 4=Previous Registry Record
- 5=No Information Available from Any Source
- 6=Source not Identifiable



30 P1\_PtxHisp

Patient Hispanic ethnicity  
***Information from case/lab reports to the health department only. Patient self-report from interviews should be captured in #109. If additional information from any source (other than patient report) is received, #30 may be updated as required by underlying surveillance system.***

- 1=Hispanic
- 2=Non-Hispanic
- 3=Unknown

4=Refused

31 P1\_PtxHISPSource  
ascertained for

What is the source of the final Hispanic ethnicity information  
this patient?

**For grantees able to distinguish the source of information for Hispanic  
ethnicity, please indicate as appropriate. For grantees NOT able to  
distinguish the source of Hispanic ethnicity data at all, code as '6'. If  
information is missing/unknown from all sources, code as '5'.**

1=Patient Self-Report

2=Provider Case Report

3=Laboratory Report

4=Previous Registry Record

5=No Information Available from Any Source

6=Source not Identifiable

32 P1\_PtxAGE

Age of patient from initial reporting record/document .

**If age information is missing/unknown from all sources, use null value.**

33 P1\_PtxAgeUnit

Age unit

**If #32 is null, use null value for this data element ('.')**

1=Years

2=Months

34 P1\_PtxCountyres

County of patient residence (FIPS)

**If information is missing/unknown, code to null value ('.')**

35 P1\_PtxCTract

Census Tract of patient residence

**If information is missing/unknown, code to null value ('.')**

36 P1\_PtxAddrStat

Was patient street address present and complete in initial reporting  
documents?

**This data element cannot be 'null' or contain missing values.**

1=Street Address Known

2=Street Address Missing

3=Street Address Incomplete



37 P1\_GCAccuracy

What is the basis of census tract assignment (XY coordinates, street segment, place/zip centroid, not geocodable)?

***This data element cannot be 'null' or contain missing values.***

- 1=Close (based on direct street segment, parcel, or longitude/latitude match)
- 2=Approximate (modification of address required to match to street segment)
- 3=Very approximate (based only on zip or city centroid)
- 4=Not-geocodable (insufficient data to geocode, PO Box, General Delivery)
- 5=Data suppressed by Site policy
- 9=Missing (no address available)



38 P1\_DxDte

What is the diagnosis date for the current episode of disease (may be date of provider visit, specimen collection date, laboratory report date or other suitable proxy)

***This data element cannot be 'null' or contain missing values.***



39 P1\_DxCode

Diagnosis (for gonorrhea cases, this value = 10280)

***This data element cannot be 'null' or contain missing values.***

10280=Gonorrhea



40 P1\_SiteUrine

Urine 'site' of infection, usually a proxy for urethral infection in men but not as specific for women.

***If information is missing/unknown, code as '3'***

- 1=Yes
- 2=No
- 3=Unknown



41 P1\_SiteVagCerv

Vaginal or cervical site of infection in women - combined because there are no clear analytic reasons to separate.

***If information is missing/unknown, code as '3'***

- 1=Yes

2=No  
3=Unknown

42 P1\_SiteUreth

Urethral site of infection - only if this is specifically indicated, if the only specimen source available is a urine-based NAAT, default to 'Urine'  
***If information is missing/unknown, code as '3'***

1=Yes  
2=No  
3=Unknown

43 P1\_SiteRect

Rectal site of infection  
***If information is missing/unknown, code as '3'***

1=Yes  
2=No  
3=Unknown

44 P1\_SitePhar

Pharyngeal site of infection  
***If information is missing/unknown, code as '3'***

1=Yes  
2=No  
3=Unknown

45 P1\_SiteEye

Ocular site of infection  
***If information is missing/unknown, code as '3'***

1=Yes  
2=No  
3=Unknown

46 P1\_SiteSera

Blood or sera infection  
***If information is missing/unknown, code as '3'***

1=Yes  
2=No  
3=Unknown

47 P1\_SiteJoint Joint or synovial fluid infection

- 1=Yes
- 2=No
- 3=Unknown

48 P1\_SiteOTH Site of infection, not specified above  
***If information is missing/unknown, code as '3'***

- 1=Yes
- 2=No
- 3=Unknown

49 P1\_SiteUNK All site of infection information missing for this case - use only if no other information is available.  
***If the answer to any one of 40-48 above is '1' or '2' then this data element should be coded '2'. If all data elements 40-48 are coded as '3' then code this data element as '1'.***

- 1=Yes
- 2=No

**Health Department Laboratory Records**

50 P1\_L1\_EventID Unique identifier for associated surveillance record  
***Will be a primary key for merging lab and case data; should correspond to P1\_EventID. This data element cannot be 'null' or contain missing values.***

51 P1\_L1\_LabID Unique identifier for laboratory performing testing  
***Site assigned; may be ID from other system or specifically created for eSSuN. If performing lab is not known, site should still create a lab record with a locally defined ID corresponding to unknown lab that they will use throughout the eSSuN data collection period. This data element cannot be 'null' or contain missing values.***

52 P1\_L1\_Accession Unique identifier (accession number) for laboratory record

*Leave blank (null) if not available/ascertained*

53 P1\_L1\_PatientID Unique identifier for person (allowing longitudinal tracking of persons)  
***Will be a secondary key for merging lab and case data; should correspond to P1\_PatientID. This data element cannot be 'null' or contain missing values.***

54 P1\_L1\_CondTested specific condition/pathogen tested  
***This data element cannot be 'null' or contain missing values.***

- 1=Syphilis
- 2=Gonorrhea
- 3=Chlamydia
- 4=Genital Herpes
- 5=Trichomoniasis
- 6=HIV
- 7=Hep A
- 8=Hep B
- 9=Hep C
- 10=BV
- 11=Other

55 P1\_L1\_SpecColDte Specimen collection date - this is often used as a proxy for diagnosis date and is important to obtain  
***This data element cannot be 'null' or contain missing values.***

56 P1\_L1\_LabRepDte This is the date that the performing lab reported the results to the health department

57 P1\_L1\_SecType Type of specimen  
***This data element cannot be 'null' or contain missing values.***

- 1=Exudate
- 2=Blood/sera
- 3=Synovial fluid
- 4=Urine
- 5=CSF
- 6=Tissue

- 7=Saliva
- 8=Other
- 9=Unknown



58 P1\_L1\_AnatSite

This is the anatomic site from which the specimen was obtained and is important in determining the anatomic site of infection

***This data element cannot be 'null' or contain missing values.***

- 1=Urethra
- 2=Vagina/cervix
- 3=Urine
- 4=Rectum
- 5=Pharynx
- 6=Eye
- 7=Sera/Blood
- 8=Joint
- 9=Other Anatomic Site
- 10=Unknown Anatomic Site



59 P1\_L1\_TestType

As test technology advances, it is important to obtain the type of test performed

***This data element cannot be 'null' or contain missing values.***

- 1=Culture,
- 2=NAAT
- 3=Non-amplified nucleic acid test/DNA probe
- 4=Gram Stain
- 5=DFA
- 6=Rapid HIV
- 7=ELISA
- 8=Western blot
- 9=Pooled RNA
- 10=RPR
- 11=VDRL
- 12=FTA
- 13=TP-PA
- 14=MHA
- 15=Wet Mount/Clue Cell
- 16=PH
- 17=Other



18=Unknown

60 P1\_L1\_QualRes

Qualitative result: For most pathogens/tests, positive, negative, equivocal and unknown

***This data element cannot be 'null' or contain missing values.***

- 1=Positive
- 2=Negative
- 3=Reactive
- 4=Weakly Reactive
- 5=Non-Reactive
- 6=Equivocal/Indeterminate
- 7=Specimen Inadequate/Contaminated
- 8=Other
- 9=Unknown

61 P1\_L1\_Quantres

Not relevant to GC/CT but may become relevant in the future or for other pathogens of interest (default to 'null' value)

**Health Department Provider Information**

62 P2\_ProvID

Unique facility/provider ID

***This data element cannot be 'null' or contain missing values.***

63 P2\_ProvCO

County FIPS code for provider/facility physical location

64 P2\_ProvZIP

Facility/provider physical location 5-digit ZIP

65 P2\_ProvCHC

Is facility/provider a Community Health Center (CHC)?

***Community Health Centers are not-for-profit primary care organizations governed by a community board and whose primary mission is to provide medical services to traditionally under-served populations. The primary way of determining CHC status is by self-identification (though some put it in their name). The National Association of Community Health Centers (NACHC) does maintain member lists as well. Non-profit and community board governance are the key features.***

- 1=Yes
- 2=No
- 3=Unknown/Missing

66 P2\_ProvFQHC

Is facility/provider a Federally Qualified Health Center (FQHC)?  
***Federally qualified health centers (FQHCs) include all organizations receiving grants under Section 330 of the Public Health Service Act (PHS). These are a matter of public record and lists are available from HRSA***

- 1=Yes
- 2=No
- 3=Unknown/Missing

67 P2\_ProvPTXvisitDte

Date of patient initial visit for this issue, can be supplied/filled in from case or laboratory report information

68 P2\_ProvClinType

What was the category of provider examining/treating this patient (e.g. MD, RN, ARNP, etc.?)

- 1=MD
- 2=RN
- 3=PA
- 4=ARNP
- 5=LPN
- 6=Other
- 7=Unknown/Not Ascertained

69 P2\_ProvPTX\_GenderSP

Provider documented gender of sex partners

- 1=Males only
- 2=Females only
- 3=Both Males and Females
- 4=Not Documented

70 P2\_ProvPTX\_Insure

Insurance status of patient from provider's records

- 1=Yes, Insured
- 2=No, Not Insured

3=Unknown/Missing

71 P2\_Urethritis

Was urethritis found on exam

**Missing/unknown information code as null ('.').**

1=Yes

2=No

72 P2\_Proctitis

Was proctitis found on exam

**Missing/unknown information code as null ('.').**

1=Yes

2=No

73 P2\_Epididymitis

Was epididymitis found on exam

**Missing/unknown information code as null ('.').**

1=Yes

2=No

74 P2\_PID

Was PID diagnosed.

**Missing/unknown information code as null ('.').**

1=Yes

2=No

75 P2\_Discharge

Was discharge found on exam

**Missing/unknown information code as null ('.').**

1=Yes

2=No

76 P2\_OtherFinding

Were there other STD-related findings on exam

**Missing/unknown information code as null ('.').**

1=Yes

2=No

77 P2\_NoFinding

Were there no findings on exam

**Missing/unknown information code as null ('.').**

1=Yes

2=No

78 P2\_ProvScrnUreth

Was patient screened/tested for infection at urethral site

1=Yes

2=No

3=Unknown

4=Refused

79 P2\_ProvScrnVagCerv

Was patient screened/tested for infection at vaginal/cervical site

1=Yes

2=No

3=Unknown

4=Refused

80 P2\_ProvScrnAnal

Was patient screened/tested for infection at anorectal site

1=Yes

2=No

3=Unknown

4=Refused

81 P2\_ProvScrnPhar

Was patient screened/tested for infection at pharyngeal site

1=Yes

2=No

3=Unknown

4=Refused

82 P2\_ProvScrnHIV

Was patient screened/tested for HIV infection at time of visit

1=Yes

2=No  
3=Unknown  
4=Refused

83 P2\_ProvPTX\_TxDte Treatment date

84 P2\_ProvPTX\_CFTRI Was patient treated with ceftriaxone?  
**Missing/unknown information code as null ('.').**

1=Yes  
2=No

85 P2\_ProvPTX\_CFTRI\_DS Ceftriaxone dosage  
**Missing/unknown information code as null ('.').**

1=125mg  
2=250mg  
3=500mg

86 P2\_ProvPTX\_Azit Was patient treated with azithromycin  
**Missing/unknown information code as null ('.').**

1=Yes  
2=No

87 P2\_ProvPTX\_Azit\_DS Azithromycin dosage  
**Missing/unknown information code as null ('.').**

1=1 gram  
2=2 grams

88 P2\_ProvPTX\_Doxy Was patient treated with doxycycline?  
**Missing/unknown information code as null ('.').**

1=Yes  
2=No

89 P2\_ProvPTX\_Cefx Was patient treated with cefixime?  
**Missing/unknown information code as null ('.').**

1=Yes

2=No

90 P2\_ProvPTX\_Oth Were other medications prescribed/provided for treating GC  
**Missing/unknown information code as null ('.').**

1=Yes

2=No

91 P2\_ProvPTX\_OtherTXT Specific other medications prescribed/provided for treating GC (text)

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92 P2\_ProvPTX\_PDPT Were any medications/prescriptions provided for patient's partner(s)?  
**Missing/unknown information code as null ('.').**

1=Yes

2=No

93 P2\_ProvPTX\_HIBC Was patient counseled to prevent transmission/reinfection?  
**Missing/unknown information code as null ('.').**

1=Yes

2=No

94 P2\_ProvPTX\_Refer Was patient referred to HD (or other) for partner services?  
**Missing/unknown information code as null ('.').**

1=Yes

2=No