**0920-0740**

**Medical Monitoring Project (MMP) Summary of Changes to Data Collection Instruments**

**Changes to 2013 Standard Interview questionnaire:**

Changes to the 2013 questionnaire relative to the 2012 questionnaire can also be seen in the document “MMP\_2013Interview\_v.9.3.11\_Redlined.docx.”

| **Type of change** | **Module** | **Question #** | **Description** | **Burden** | **Notes** |
| --- | --- | --- | --- | --- | --- |
| Deletion | Preliminary Information | I3 | Interview setting not used in national analyses.  | No change | Preliminary information is completed by interviewer before interview. |
| Deletion | Access to Care | A10, A10a-A10b, A12, A12a-A12c, A13, A13a-A13o, A14, A14a-A14o, A15b-A15d, A17b-A17h | Sources of care data no longer needed for data weighting purposes. | Reduce | Remove 49 |
| Deletion | Access to Care | A37a-A37c | Removed the “other, specify” response for this series of HIV-related services. Data from previous cycles have informed the decision to add 3 services to this series, but other data have not yielded additional useful services, and this option is no longer needed.  | Reduce | Remove 1  |
| Deletion | Health Conditions and Preventive Therapy  | C5, C5a | Date and result of first viral load test are unlikely to be reliably reported and are not meaningful analysis variables. | Reduce | Remove 2 |
| Deletion | Acculturation | L2-L6 | Language acculturation questions were redundant with language use questions that were added based on Office of Minority Health guidance (see below).  | Reduce | Remove 5 |
| Deletion | Gynecological and Reproductive History | G3, G3b, G3c, G4, G4a-G4c | No longer need questions about whether women have been pregnant and given birth post-infection, whether these occurred in past 12 months, and number of pregnancies and births since the new series of questions enumerates dates and outcomes for up to 5 post-infection pregnancies. | Reduce | Remove 7 |
| Addition | Preliminary Information | I1d | Developed an additional check for participant ID given input errors in previous cycles. | No change | Preliminary information is completed by interviewer before interview. |
| Addition | Demographics | D4a | Added question on Hispanic origin per guidelines of the Office of Minority Health. | Increase | Add 1 |
| Addition | Demographics | D7, D8, D8a | Added questions per guidelines of the Office of Minority Health: How well do you speak English? Do you speak a language other than English at home? What is this language? | Increase | Add 3 |
| Addition | Demographics | D17 | Added BRFSS question about employment status to obtain a richer description of socioeconomic status. | Increase | Add 1 |
| Addition | Demographics | D19b | Added question about household dependents under age 18 for calculation of poverty measures. | Increase | Add 1 |
| Addition | Access to Care | A9 | “Do you have a person you think of as your HIV doctor, nurse, or other healthcare provider?” added to enhance understanding of primary care. | Increase | Add 1 |
| Addition | Access to Care | A10a, A10b | Added satisfaction with care questions to describe patient-provider care. | Increase | Add 2 |
| Addition | Access to Care | A11, A11a | A11: “What is the name of your usual place of HIV care?” The answer to this question is not recorded. A11a: “Is the respondent’s usual place of care the same as the sampled facility?” is then answered by the interviewer and used for weighting data.  | Increase | Add 1 |
| Addition | Access to Care | A15a | “Was your usual place of general medical care the same as your usual place of HIV medical care?” is used for weighting data. | Increase | Add 1 |
| Addition | Met and Unmet Needs | A37, A38 | Based on review of the “other, specify” responses for this question from previous cycles, we added vision and legal services to the list of services.  | Increase | Add 2 |
| Addition | HIV Treatment and Adherence | T5 | A new antiretroviral medication (Stribild) was added to the list. | Increase | Add 1 |
| Addition | HIV Treatment and Adherence | T16 | Added adherence question, recommended by the CDC Prevention branch and aligned with Prevention with Positives guidelines: “During the past 12 months, did your doctor or other clinic staff ask you whether you missed taking any doses of your antiretroviral medicines or had difficulty taking your antiretroviral medicines?”  | Increase | Add 1 |
| Addition | Drug and Alcohol Use | U12 | Ever-use of injection drugs was asked in previous cycles and brought back because it is an important HIV risk factor. | Increase | Add 1 |
| Addition | Transmission Risk Behaviors | B1-B21 | HIV acquisition behaviors were added to supplement National HIV Surveillance System (NHSS) data. | Increase | Add 15 maximum (there are 21 total questions but 2 separate lines which depend on sex/gender combinations of respondents and partners. Not all are asked of all respondents. |
| Addition | Prevention Activities | P3 | Added question, recommended by the CDC Prevention branch and aligned with Prevention with Positives guidelines: “During the past 12 months, have you seen or received any informational/educational materials such as posters, leaflets, pamphlets, or videos that tell you how to protect you or your partners from HIV or other STDs?” | Increase | Add 1 |
| Addition | Health Conditions and Preventive Therapy | C1c | Brought back this question from previous cycles: “What was the result of your lowest CD4 count?” | Increase | Add 1 |
| Addition | Health Conditions and Preventive Therapy | C8, C8a-C8c | At the request of the MMP Medical Records Abstraction workgroup, added questions about TB testing and results.  | Increase | Add 4 |
| Addition | Health Conditions and Preventive Therapy | C14-C19 | Added 6 disability questions per Office of Minority Health guidelines. | Increase | Add 6 |
| Addition | Gynecological and Reproductive History | G1 | Brought question back from previous cycles: “During the past 12 months, have you had a pelvic examination?” | Increase | Add 1 |
| Addition | Gynecological and Reproductive History | G3 | Added question for women only about use of any of 16 contraceptive methods to better understand pregnancy prevention among HIV-infected women: “Have you used this method to prevent pregnancy in the past 12 months?” | Increase | Add 1  |
| Addition | Gynecological and Reproductive History | G5a-dG6a-dG7a-dG8a-dG9a-d | Added series questions for women only about up to 5 pregnancies after HIV-infection, including pregnancy intention, outcome, date of outcome, and HIV infection of child (if live birth); or pregnancy due date if currently pregnant.  | Increase | Maximum 20 out of 25 for a woman with 5 pregnancies. Maximum of 8 for a woman with 2 pregnancies (estimated average in this population. |
| Addition | Gynecological and Reproductive History | G10 | Brought back from previous cycles: During the past 12 months, have you received HIV care at an OBGYN or gynecological clinic?” | Increase | Add 1 |
| Modification | Preliminary Information | I3 | Removed reference to handheld devices since they are discontinued in 2013. | No change | No change (preliminary information is completed by interviewer before interview). |
| Modification | Demographics | D2 | Omitting day of birth for data confidentiality. | No change | No change |
| Modification | Demographics | D4 | Added “or Spanish origin” to comply with Office of Minority Health guidelines: “Do you consider yourself to be of Hispanic or, Latino/a or Spanish origin?” | No change | No change |
| Modification | Demographics | D11 | Removed “other” option from question about sexual orientation based on lack of useable data from previous cycles. | No change | No change |
| Modification | Demographics | D15h | Added “city, county, state of other publicly funded insurance” to list of health insurance types to minimize recoding of “other” category. | No change | No change |
| Modification | Demographics | D19 | Changed income categories to have finer gradation among lower incomes. | No change | No change |
| Modification | Gynecological and Reproductive History | G2 | Removed the second “other, specify” option from this question about where respondent went for testing, diagnosis, or treatment of a sexually transmitted disease. One “other” option is adequate based on review of data from previous cycles. | No change | No change |
| Modification | Gynecological and Reproductive History | G12 | Returned to exact wording of question from 2009 cycle (removed “vaginal or cervical”: “During the past 12 months, have you had a Pap smear?” | No change | No change |

**Changes to Medical Record Abstraction (MRA)**

MMP medical record abstraction will continue to be conducted by MMP staff and thus will not contribute to the overall burden of the project. The previously approved MRA forms will be consolidated into one web-based form and abstraction will be focused on the prior two years of care. The attachment “MRA 2013 Screenshots ” contains the data elements for 2013. Information that is not reliably recorded in medical records will no longer be abstracted. Changes relative to 2012 are summarized below:

**Data elements present in MRA 2012 but absent in MRA 2013**

* Sex at birth
* Country of birth
* AIDS defining opportunistic illnesses which occurred prior to the surveillance period start date
* Antiretroviral therapy administered prior to the surveillance period start date
* HIV viral load results prior to the surveillance period start date
* HIV ART resistance testing results prior to the surveillance period start date
* Documentation of PCP prophylaxis prior to the surveillance period start date
* Documentation of MAC prophylaxis prior to the surveillance period start date
* Hepatitis A, B, and C screening results prior to the surveillance period start date
* Toxoplasma screening results prior to the surveillance period start date
* Tuberculosis screening results prior to the surveillance period start date
* Documentation of Hepatitis A or B vaccination prior to the surveillance period start date
* Documentation of Pneumococcal vaccination prior to the surveillance period start date
* Documentation of alcohol abuse prior to the surveillance period start date
* Documentation of non-prescribed substance abuse prior to the surveillance period start date
* Mental health illness diagnoses prior to the surveillance period start date
* Country of residence during the surveillance period
* Services provided during the surveillance period including: case management, chemotherapy, education session, hospice care, nursing home care, nutrition counseling, physical therapy, prenatal care, receipt of equipment or supplies, support group, substance abuse counseling or treatment, pharmacist consultation
* Documentation of Hepatitis A or B vaccination during the surveillance period
* Documentation of Pneumococcal vaccination during the surveillance period
* Referrals made during the surveillance period including: adherence support, case manager services, dental care, financial assistance, food and housing support, HIV prevention counseling, home-based care, intimate partner violence services, mental health services, partner counseling and referral, reproductive health, social work services, substance abuse prevention, TB treatment services
* Documentation of alcohol abuse during the surveillance period
* Documentation of non-prescribed substance abuse during the surveillance period
* AIDS defining opportunistic illnesses occurring during hospitalizations in the surveillance period
* Other medical conditions occurring during hospitalizations during the surveillance period
* Antiretroviral therapy prescribed during hospitalizations during the surveillance period
* Other medications prescribed during hospitalizations during the surveillance period
* Laboratory results obtained during hospitalizations during the surveillance period

Laboratory Test Results during the surveillance period:

* Urinary HCG results
* Anti-HAV IgG, IgM, Anti-HAV Total
* Anti-HBc IgM, Anti-HBc Total, HBeAg
* HCV genotype
* HPV DNA PCR
* Resistance test for INH
* Resistance test for Rifampin
* Phenotypic ART resistance test results

**Data elements present in MRA 2013 but absent in MRA 2012**

* Source of lowest CD4 count data
* HIV provider encounters during the data collection period:
	+ Where did the encounter take place?
	+ With whom did the encounter take place?
	+ Did the encounter take place with a known HIV provider?
	+ Were any vital signs documented during the encounter
	+ Was ≥ 1 physical exam findings documented during the encounter
	+ Was antiretroviral therapy prescribed or refilled during the encounter
* Non-HIV provider encounters during the data collection period
	+ Did encounter take place with a non-HIV provider?
	+ If yes, specify provider type
* Physical exam findings during each visit: height, weight, systolic/ diastolic blood pressure
* Select procedures received during the data collection period
* Mammogram date and results during the surveillance period

Laboratory results:

* HIV resistance tropism assay results
* HIV resistance mutation results from genotype and virtual phenotypes
* Serum calcium
* Intact PTH
* Vitamin D3, 25-hydroxy [25(OH)D3]
* Total Testosterone
* INR
* TSH
* CBC with differential
* Urine albumin, urine creatinine

**Changes to Minimum Dataset (MDS):**

MMP minimum data set collection will continue to be conducted by MMP staff through an electronic extract of existing NHSS data and thus does not contribute to the overall burden of the project. Based on recommendations from NHSS staff, we propose adding 34 data elements to this extract in order to increase the completeness and quality of MDS data. Some added data elements are needed to ensure that calculated variables already approved for collection from NHSS can be disaggregated accurately (e.g. breakdowns of HIV acquisition risk information). Other data elements added will be used as data quality indicators (e.g., date record entered in NHSS, quality flag entered by local NHSS staff). New data elements proposed for 2013 are appear at the bottom of the table in highlighted, bold font starting with number 253 and ending with 505 (though not consecutively numbered).

| **2012 SAS variable Number** | **eHARS PERSON dataset variable name** | **SAS Variable Name** | **Label** | **Description** | **Values** | **SAS Format** | **HARS Variable Name** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |   | PARID | Participant ID | Participant ID |   | parid | parid |
| **405** | stateno | STATENO  | State patient number (STATENO) |   |   | stateno | stateno |
| **260** | dob | dob | Date of birth | The patient’s date of birth |   | YYYYMMDD | birth |
| **203** | dx\_status | dx\_status | Diagnostic status (calculated) | The calculated diagnostic status of the case. | 1- Adult HIV (Stage 1, 2, or unknown) | $DX\_STS | diagstat |
|   |   |   |   |   | 2- AIDS (HIV, Stage 3) |   |   |
|   |   |   |   |   | 3- Perinatal Exposure |   |   |
|   |   |   |   |   | 4- Pediatric HIV |   |   |
|   |   |   |   |   | 5- Pediatric AIDS |   |   |
|   |   |   |   |   | 6- Pediatric seroreverter |   |   |
|   |   |   |   |   | 9- Unknown, Not a Case |   |   |
| **206** | hiv\_age\_yrs | hiv\_age\_yrs | Age at HIV diagnosis (years) | The calculated age at HIV diagnosis in years |   |   | hage\_yrs |
| **205** | hiv\_age\_mos | hiv\_age\_mos | Age at HIV diagnosis (months) | The calculated age at HIV diagnosis, in months |   |   | hage\_mos |
| **152** | aids\_age\_yrs | aids\_age\_yrs | Age at AIDS diagnosis (years) | The calculated age at AIDS (HIV, stage 3) diagnosis, in years |   |   | age\_yrs |
| **151** | aids\_age\_mos | aids\_age\_mos | Age at AIDS diagnosis (months) | The calculated age at AIDS (HIV, stage 3) diagnosis, in months  |   |   | age\_mos |
| **257** | birth\_sex | birth\_sex | Sex at birth | The patient’s sex at birth | M- Male | $BTH\_SEX | sex |
|   |   |   |   |   | F- Female |   |   |
|   |   |   |   |   | U- Unknown |   |   |
| **258** | current\_gender | current\_gender | Current gender | The patient’s current gender | CD- Cross dresser  | $CUR\_GEN | N/A |
|   |   |   |   |   | DQ- Drag queen |   |   |
|   |   |   |   |   | F- Female |   |   |
|   |   |   |   |   | FM- Female to male |   |   |
|   |   |   |   |   | I- Intersexed |   |   |
|   |   |   |   |   | M- Male |   |   |
|   |   |   |   |   | MF- Male to female |   |   |
|   |   |   |   |   | SM- She male |   |   |
| **259** | current\_sex | current\_sex | Current sex | The patient’s current sex | M- Male | $CUR\_SEX | N/A |
|   |   |   |   |   | F- Female |   |   |
|   |   |   |   |   | I- Intersexed |   |   |
| **263** | ethnicity1 | ethnicity1 | Ethnicity  | The ethnicity of the patient (i.e., whether or not he/she is Hispanic/Latino) | E1- Hispanic or Latino  | [$ETHNIC](file:///C%3A%5CUsers%5Cjpe8%5CAppData%5CLocal%5CMicrosoft%5CWindows%5CTemporary%20Internet%20Files%5CContent.MSO%5CC84DEFFC.xls#RANGE!A486:A530) | race, hisp ,ndi\_hisp |
|   |   |   |   |   | E1.01-Spaniard |   |   |
|   |   |   |   |   | E1.02-Mexican |   |   |
|   |   |   |   |   | E1.03-Central American |   |   |
|   |   |   |   |   | E1.04-South American |   |   |
|   |   |   |   |   | E1.05-Latin American |   |   |
|   |   |   |   |   | E1.06-Puerto Rican |   |   |
|   |   |   |   |   | E1.07-Cuban |   |   |
|   |   |   |   |   | E1.08-Dominican |   |   |
|   |   |   |   |   | E2-Not Hispanic or Latino |   |   |
|   |   |   |   |   | Unk-Unknown |   |   |
| **224** | race | race | Race | Race (calculated)  | 1- Hispanic, any race | $C\_RACE | N/A |
|   |   |   |   |   | 2- Not Hispanic, American Indian/Alaska Native |   |   |
|   |   |   |   |   | 3- Not Hispanic, Asian |   |   |
|   |   |   |   |   | 4- Not Hispanic, Black |   |   |
|   |   |   |   |   | 5- Not Hispanic, Native Hawaiian/Pacific Islander |   |   |
|   |   |   |   |   | 6- Not Hispanic, White |   |   |
|   |   |   |   |   | 7- Not Hispanic, Legacy Asian/Pacific Islander |   |   |
|   |   |   |   |   | 8- Not Hispanic, Multi-race |   |   |
|   |   |   |   |   | 9- Unknown |   |   |
| **269** | race1 | race1 | Race 1 | The race of the patient | R1-American Indian / Alaska Native | [$E\_RACE](file:///C%3A%5CUsers%5Cjpe8%5CAppData%5CLocal%5CMicrosoft%5CWindows%5CTemporary%20Internet%20Files%5CContent.MSO%5CC84DEFFC.xls#RANGE!A621:A1542) | all HARS racefields |
|   |   |   |   |   | R2-Asian |   |   |
|   |   |   |   |   | R3-Black / African American |   |   |
|   |   |   |   |   | R4-Native Hawaiian / Other Pacific Islander |   |   |
|   |   |   |   |   | R5-White |   |   |
|   |   |   |   |   | Unk-Unknown |   |   |
| **270** | race2 | race2 | Race 2 | The race of the patient | R1-American Indian / Alaska Native | [$E\_RACE](file:///C%3A%5CUsers%5Cjpe8%5CAppData%5CLocal%5CMicrosoft%5CWindows%5CTemporary%20Internet%20Files%5CContent.MSO%5CC84DEFFC.xls#RANGE!A621:A1542) | all HARS racefields |
|   |   |   |   |   | R2-Asian |   |   |
|   |   |   |   |   | R3-Black / African American |   |   |
|   |   |   |   |   | R4-Native Hawaiian / Other Pacific Islander |   |   |
|   |   |   |   |   | R5-White |   |   |
|   |   |   |   |   | Unk-Unknown |   |   |
| **271** | race3 | race3 | Race 3 | The race of the patient | R1-American Indian / Alaska Native | [$E\_RACE](file:///C%3A%5CUsers%5Cjpe8%5CAppData%5CLocal%5CMicrosoft%5CWindows%5CTemporary%20Internet%20Files%5CContent.MSO%5CC84DEFFC.xls#RANGE!A621:A1542) | all HARS racefields |
|   |   |   |   |   | R2-Asian |   |   |
|   |   |   |   |   | R3-Black / African American |   |   |
|   |   |   |   |   | R4-Native Hawaiian / Other Pacific Islander |   |   |
|   |   |   |   |   | R5-White |   |   |
|   |   |   |   |   | Unk-Unknown |   |   |
| **272** | race4 | race4 | Race 4 | The race of the patient | R1-American Indian / Alaska Native | [$E\_RACE](file:///C%3A%5CUsers%5Cjpe8%5CAppData%5CLocal%5CMicrosoft%5CWindows%5CTemporary%20Internet%20Files%5CContent.MSO%5CC84DEFFC.xls#RANGE!A621:A1542) | all HARS racefields |
|   |   |   |   |   | R2-Asian |   |   |
|   |   |   |   |   | R3-Black / African American |   |   |
|   |   |   |   |   | R4-Native Hawaiian / Other Pacific Islander |   |   |
|   |   |   |   |   | R5-White |   |   |
|   |   |   |   |   | Unk-Unknown |   |   |
| **273** | race5 | race5 | Race 5 | The race of the patient | R1-American Indian / Alaska Native | [$E\_RACE](file:///C%3A%5CUsers%5Cjpe8%5CAppData%5CLocal%5CMicrosoft%5CWindows%5CTemporary%20Internet%20Files%5CContent.MSO%5CC84DEFFC.xls#RANGE!A621:A1542) | all HARS racefields |
|   |   |   |   |   | R2-Asian |   |   |
|   |   |   |   |   | R3-Black / African American |   |   |
|   |   |   |   |   | R4-Native Hawaiian / Other Pacific Islander |   |   |
|   |   |   |   |   | R5-White |   |   |
|   |   |   |   |   | Unk-Unknown |   |   |
| **255** | birth\_country\_cd | birth\_country\_cd | Country code of birth | The patient’s country of birth | CountryUS\_DependencyCode | [$CTRY\_CD](file:///C%3A%5CUsers%5Cjpe8%5CAppData%5CLocal%5CMicrosoft%5CWindows%5CTemporary%20Internet%20Files%5CContent.MSO%5CC84DEFFC.xls#RANGE!A44:A298) | bhcntry |
| **256** | birth\_country\_usd (for US Dependencies) | birth\_country\_usd | Birth country, U.S. dependency code | The patient’s country of birth, if U.S. Dependency | CountryUS\_DependencyCode | [$CTRY\_CD](file:///C%3A%5CUsers%5Cjpe8%5CAppData%5CLocal%5CMicrosoft%5CWindows%5CTemporary%20Internet%20Files%5CContent.MSO%5CC84DEFFC.xls#RANGE!A44:A298) | bhosp\_stbhcntry |
| **474** | aids\_insurance | aids\_insurance | Primary reimbursement for medical treatment (AIDS) | At the time of AIDS (HIV, satge 3) diagnosis, the person’s primary reimbursement source for medical treatment | 01- CHAMPUS/TRICARE | $INSURE | N/A |
|   |   |   |   |   | 02- CHIP |   |   |
|   |   |   |   |   | 03- Medicaid |   |   |
|   |   |   |   |   | 04- Medicaid, pending |   |   |
|   |   |   |   |   | 05- Medicare |   |   |
|   |   |   |   |   | 06- Other public funding |   |   |
|   |   |   |   |   | 07- Private insurance, HMO |   |   |
|   |   |   |   |   | 08- Private insurance, PPO |   |   |
|   |   |   |   |   | 09- Private insurance, unspecified |   |   |
|   |   |   |   |   | 10- Self insured |   |   |
|   |   |   |   |   | 11- State funded, COBRA |   |   |
|   |   |   |   |   | 12- State funded, other |   |   |
|   |   |   |   |   | 13- State funded, unspecified |   |   |
|   |   |   |   |   | 14- VA |   |   |
|   |   |   |   |   | 15- No health insurance |   |   |
|   |   |   |   |   | 88- Other |   |   |
|   |   |   |   |   | 99- Unknown |   |   |
| **481** | hiv\_insurance | hiv\_insurance | Primary reimbursement for medical treatment (HIV) | Primary reimbursement type for the patient’s HIV medical treatment at the time of HIV diagnosis | 01- CHAMPUS/TRICARE | $INSURE | N/A |
|   |   |   |   |   | 02- CHIP |   |   |
|   |   |   |   |   | 03- Medicaid |   |   |
|   |   |   |   |   | 04- Medicaid, pending |   |   |
|   |   |   |   |   | 05- Medicare |   |   |
|   |   |   |   |   | 06- Other public funding |   |   |
|   |   |   |   |   | 07- Private insurance, HMO |   |   |
|   |   |   |   |   | 08- Private insurance, PPO |   |   |
|   |   |   |   |   | 09- Private insurance, unspecified |   |   |
|   |   |   |   |   | 10- Self insured |   |   |
|   |   |   |   |   | 11- State funded, COBRA |   |   |
|   |   |   |   |   | 12- State funded, other |   |   |
|   |   |   |   |   | 13- State funded, unspecified |   |   |
|   |   |   |   |   | 14- VA |   |   |
|   |   |   |   |   | 15- No health insurance |   |   |
|   |   |   |   |   | 88- Other |   |   |
|   |   |   |   |   | 99- Unknown |   |   |
| **475** | c\_art | c\_art | Patient received anti-retroviral therapy | For a pediatric case: Child received anti-retroviral therapy? | Y - Yes | $YNU | antiretv |
|   |   |   |   |   | N - No |   |   |
|   |   |   |   |   | U – Unknown |   |   |
| **491** | pcp\_prophylaxis | pcp\_prophylaxis | Received PCP prophylaxis | Received PCP prophylaxis? | Y- Yes | $YNU | pcpproph |
|   |   |   |   |   | N- No |   |   |
|   |   |   |   |   | U- Unknown |   |   |
| **555** | sex\_male | sex\_male | Adult sex with male | After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient have sexual relations with a male? | Y- Yes  | $YNUCDC | sex\_male |
|   |   |   |   |   | N- No |   |   |
|   |   |   |   |   | U- Unknown |   |   |
|   |   |   |   |   | 2- CDC confirmed |   |   |
| **556** | sex\_female | sex\_female | Adult sex with female | After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient have sexual relations with a female? | Y- Yes | $YNUCDC | sex\_fmle |
|   |   |   |   |   | N- No |   |   |
|   |   |   |   |   | U- Unknown |   |   |
|   |   |   |   |   | 2- CDC confirmed |   |   |
| **557** | idu | idu | Adult IDU | The adult patient injected non-prescription drugs. | Y- Yes | $YNUCDC | iv |
|   |   |   |   |   | N- No |   |   |
|   |   |   |   |   | U- Unknown |   |   |
|   |   |   |   |   | 2- CDC confirmed |   |   |
| **574** | bldprd\_legacy | bldprd\_legacy | Adult received clotting factor (LEGACY) | For an adult case: The person received clotting factor for hemophilia/coagulation disorder. (Legacy variable from HARS) | Y- Yes | $YNUCDC | bldprd |
|   |   |   |   |   | N- No |   |   |
|   |   |   |   |   | U- Unknown |   |   |
|   |   |   |   |   | 2- CDC Confirmed (applies to COPHI cases only) |   |   |
| **558** | clotting\_factor | clotting\_factor | Adult received clotting factor | For adult HIV cases: Person received clotting factor for hemophilia/coagulation disorder (as collected in eHARS, not HARS) | Y- Yes | $YNUCDC | N/A |
|   |   |   |   |   | N- No |   |   |
|   |   |   |   |   | U- Unknown |   |   |
|   |   |   |   |   | 2- CDC Confirmed (applies to COPHI cases only) |   |   |
| **560** | sex\_idu | sex\_idu | Adult heterosexual contact with IDU | After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient have heterosexual relations with an intravenous/injection drug user? | Y- Yes | $YNUCDC | s\_iv |
|   |   |   |   |   | N- No |   |   |
|   |   |   |   |   | U- Unknown |   |   |
|   |   |   |   |   | 2- CDC confirmed |   |   |
| **561** | sex\_bisexual\_male | sex\_bisexual\_male | Adult heterosexual contact with bisexual male | After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient have heterosexual relations with a bisexual male? | Y- Yes | $YNUCDC | s\_bi |
|   |   |   |   |   | N- No |   |   |
|   |   |   |   |   | U- Unknown |   |   |
|   |   |   |   |   | 2- CDC confirmed |   |   |
| **562** | sex\_hemo | sex\_hemo | Adult heterosexual contact with person with hemophilia | After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient have heterosexual relations with a patient with hemophilia/coagulation disorder? | Y- Yes | $YNUCDC | s\_hemo |
|   |   |   |   |   | N- No |   |   |
|   |   |   |   |   | U- Unknown |   |   |
|   |   |   |   |   | 2- CDC confirmed |   |   |
| **563** | sex\_transfusion | sex\_transfusion | Adult heterosexual contact with transfusion recipient with HIV infection | After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did he patient have heterosexual relations with a transfusion recipient with documented HIV infection? | Y- Yes | $YNUCDC | s\_tx |
|   |   |   |   |   | N- No |   |   |
|   |   |   |   |   | U- Unknown |   |   |
|   |   |   |   |   | 2- CDC confirmed |   |   |
| **564** | sex\_transplant | sex\_transplant | Adult heterosexual contact with transplant recipient with HIV infection | After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient have heterosexual relations with a transplant recipient with documented HIV infection? | Y- Yes | $YNUCDC | s\_trnplt |
|   |   |   |   |   | N- No |   |   |
|   |   |   |   |   | U- Unknown  |   |   |
|   |   |   |   |   | 2- CDC confirmed |   |   |
| **565** | sex\_hiv | sex\_hiv | Adult heterosexual contact with person with HIV infection | After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient have heterosexual relations with a patient with AIDS or documented HIV infection, risk not specified? | Y- Yes | $YNUCDC | s\_hiv |
|   |   |   |   |   | N- No |   |   |
|   |   |   |   |   | U- Unknown  |   |   |
|   |   |   |   |   | 2- CDC confirmed |   |   |
| **566** | transfusion | transfusion | Adult received transfusion | After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient receive a transfusion of blood/blood products (other than clotting factor)? | Y- Yes | $YNUCDC | transfus |
|   |   |   |   |   | N- No |   |   |
|   |   |   |   |   | U- Unknown |   |   |
|   |   |   |   |   | 2- CDC Confirmed |   |   |
| **569** | transplant | transplant | Adult received transplant or artificial insemination | After 1977 and preceding the first positive HIV antibody test or AIDS (HIV, stage 3) diagnosis, did the patient receive a transplant of tissue/organs or, if the patient was female, artificial insemination? | Y- Yes | $YNUCDC | tranplnt |
|   |   |   |   |   | N- No |   |   |
|   |   |   |   |   | U- Unknown |   |   |
|   |   |   |   |   | 2- CDC Confirmed |   |   |
| **264** | hcw | hcw | Health care worker | Does this patient’s occupation involve working in the health care industry? This is a demographic variable and is not related to the risk factor variable. | Y- Yes | $YNU | N/A |
|   |   |   |   |   | N- No |   |   |
|   |   |   |   |   | U- Unknown |   |   |
| **570** | hcw\_risk | hcw\_risk | Adult worked in health care or clinical laboratory setting | Has the adult patient worked in a healthcare or clinical laboratory setting (as a health care worker) before acquiring HIV? | Y- Yes | $YNUCDC | hcw |
|   |   |   |   |   | N- No |   |   |
|   |   |   |   |   | U- Unknown |   |   |
|   |   |   |   |   | 2- CDC Confirmed  |   |   |
| **204** | expo\_categ | expo\_categ | Exposure category | The exposure category of the patient | 01- MSM Only | $EX\_CAT | N/A |
| 02- IDU Only |
| 03- Heterosexual contact only |
| 04- MSM and IDU |
| 05- IDU & Hetero. Contact |
| 06- MSM & Hetero. Contact |
| 07- MSM & IDU & Hetero. Contact |
| 08- Perinatal Exposure |
| 09- Other |
| 10- No identified risk (NIR) |
| 11- No reported risk (NRR) |
| **235** | trans\_categ | trans\_categ | Transmission category | This calculated variable represents HIV exposure, based on a group of risk behaviors. The risk factors are grouped by adult and pediatric, based on the patient's age at diagnosis of HIV. The selection of the most likely route of transmission is based on a presumed hierarchical order of transmission. | 01- Adult MSM | $TR\_CAT | mode |
|   |   |   |   |   | 02- Adult IDU |   |   |
|   |   |   |   |   | 03- Adult MSM & IDU |   |   |
|   |   |   |   |   | 04- Adult received clotting factor |   |   |
|   |   |   |   |   | 05- Adult heterosexual contact |   |   |
|   |   |   |   |   | 06- Adult received transfusion/transplant |   |   |
|   |   |   |   |   | 07- Perinatal exposure, HIV diagnosed at age 13 years or older |   |   |
|   |   |   |   |   | 08- Adult with other confirmed risk |   |   |
|   |   |   |   |   | 09- Adult with no identified risk (NIR) |   |   |
|   |   |   |   |   | 10- Adult with no reported risk (NRR) |   |   |
|   |   |   |   |   | 11- Child received clotting factor |   |   |
|   |   |   |   |   | 12- Perinatal exposure |   |   |
|   |   |   |   |   | 13- Child received transf/transplant |   |   |
|   |   |   |   |   | 18- Child with other confirmed risk  |   |   |
|   |   |   |   |   | 19- Child with no indentified risk (NIR) |   |   |
|   |   |   |   |   | 20- Child with no reported risk (NRR) |   |   |
|   |   |   |   |   | 99- Risk factors selected with no age at diagnosis |   |   |
| **236** | transx\_categ | transx\_categ | Expanded transmission category | This calculated variable represents an expanded list of HIV exposures, based on risk behaviors, grouped by adult and pediatric dependent on the patient's age at diagnosis of HIV. | See Section 3.10 | [$TRX\_CAT](file:///C%3A%5C%5CUsers%5C%5Cjpe8%5C%5CAppData%5C%5CLocal%5C%5CMicrosoft%5C%5CWindows%5C%5CTemporary%20Internet%20Files%5C%5CContent.MSO%5C%5CC84DEFFC.xls%22%20%5Cl%20%22RANGE%21A1550%3AA1575) | modex |
| **163** | antigen\_first\_pos\_dt | antigen\_first\_pos\_dt | First positive HIV antigen test result date | The first positive HIV antigen test result date; the earliest of all HIV-1 p24 Antigen tests entered for the patient |   | YYYYMMDD | N/A |
|   |   |   |   |   |   |   |   |
| **216** | hiv\_dx\_dt | hiv\_dx\_dt | Date of first positive HIV test result or doctor diagnosis of HIV | The date of the diagnosis (first positive HIV test result or doctor diagnosis) of HIV infection |   | YYYYMMDD | hivpmoyr |
| **220** | hiv\_rep\_dt | hiv\_rep\_dt | Date reported as HIV positive | The date the case was reported to the health department as HIV positive; based on the eHARS system date when the HIV case definition category for the person/case (in Person View) changed to HIV Definitive (adult and pediatric cases) or Presumptive (pediatric cases only). Legacy HARS cases maintain their HIV report date (hposdate). |   | YYYYMMDD  | hposdate |
| **225** | receive\_dt | receive\_dt | Earliest date the first document was received at the health department | Earliest date the first document was received at the health department; among all documents entered for a person, the earliest of either the date the document was entered in eHARS (document.entered\_dt; assigned by the system) OR the date the document was received at the health department (document.receive\_dt; entered by a user) |   |   | N/A |
| **185** | class | class | HIV class | The HIV classification variable, based on the algorithm in HARS | A1- Asymptomatic (HIV, stage 1), CD4 count > 500 or percent > 29% | $CLASS | class |
|   |   |   |   | For a description of the algorithm used to calculate class, refer to sections 8 and 18 of the eHARS Technical Reference Guide.  | A2- Asymptomatic (HIV, stage 2), CD4 count 200-499 or percent 14-28% |   |   |
|   |   |   |   |   | A3- Asymptomatic (HIV, stage 3), CD4 count < 200 or percent < 14% |   |   |
|   |   |   |   |   | A9- Asymptomatic, unknown CD4 |   |   |
|   |   |   |   |   | B1- Symptomatic (HIV, stage 3), CD4 count > 500 or percent > 29% |   |   |
|   |   |   |   |   | B2- Symptomatic (HIV, stage 3), CD4 count 200-499 or percent 14-28% |   |   |
|   |   |   |   |   | B3- Symptomatic (HIV, stage 3), CD4 count < 200 or percent < 14% |   |   |
|   |   |   |   |   | B9- Symptomatic (HIV, stage 3), unknown CD4 |   |   |
|   |   |   |   |   | C1- AIDS (HIV, stage 3), CD4 count > 500 or percent > 29% |   |   |
|   |   |   |   |   | C2- AIDS (HIV, stage 3), CD4 count 200-499 or percent 14-28% |   |   |
|   |   |   |   |   | C3- AIDS (HIV, stage 3), CD4 count < 200 or percent < 14% |   |   |
|   |   |   |   |   | C9- AIDS (HIV, stage 3), unknown CD4 |   |   |
|   |   |   |   |   | X1- Unknown clinical category, CD4 count > 500 or percent > 29% |   |   |
|   |   |   |   |   | X2- Unknown clinical category, CD4 count 200-499 or percent 14-28% |   |   |
|   |   |   |   |   | X3- Unknown clinical category, CD4 count < 200 or percent < 14% |   |   |
|   |   |   |   |   | X9- Unknown clinical category, unknown CD4 |   |   |
| **153** | aids\_categ | aids\_categ | AIDS case definition category | The CDC case definition for AIDS (HIV, stage 3) met by the patient; calculated based on lab information and opportunistic diseases entered for a person.  | 7 - AIDS (HIV, stage 3) case defined by immunologic (CD4 count or percent) criteria | $A\_CAT | categ |
|   |   |   |   | For a description of the algorithm used to calculate aids\_categ, refer to section 8 of the eHARS Technical Reference Guide. | A- AIDS (HIV, stage 3) case defined by clinical disease (OI) criteria |   |   |
|   |   |   |   |   | 9- Not an AIDS (HIV, stage 3) case |   |   |
| **156** | aids\_cdc | aids\_cdc | CDC case definition for AIDS | Has this person met the CDC AIDS (HIV, stage 3) case definition? | Y- Yes | $YN | N/A |
|   |   |   |   | To meet the CDC AIDS (HIV, stage 3) case definition, the case must be defined by immunologic criteria or clinical disease criteria (aids\_categ = A or 7). | N – No  |   |   |
| **157** | aids\_cdc\_elig | aids\_cdc\_elig | CDC eligibility for AIDS | If this person is an AIDS (HIV, stage 3) case, does this person/case meet CDC eligibility criteria? | Y- Yes | $YN | N/A |
|   |   |   |   | To meet the CDC eligibility criteria for AIDS (HIV, stage 3), the case must be defined as AIDS by immunologic criteria or clinical disease criteria (i.e., aids\_categ = A or 7) and have a person view status of either Active or Warning (status\_flag = A or W). | N – No |   |   |
| **158** | aids\_dx\_dt | aids\_dx\_dt | Date of first AIDS classifying condition | The date of the first condition classifying as AIDS, based on the 1993 CDC AIDS case definition |   | YYYYMMDD | dxmoyr |
| **159** | aids\_dxx\_dt | aids\_dxx\_dt | Date of first AIDS classifying condition, applicable AIDS case definition  | The date of the first condition classifying as AIDS, based on the applicable case definition. If the date is before 1993, eHARS returns the date of first OI diagnosis based on the pre-1993 expanded AIDS case definition (aids\_oix\_dt); otherwise, eHARS returns the date of the first AIDS classifying condition based on the current AIDS case definition (aids\_dx\_dt).  |   | YYYYMMDD | dxx\_moyr |
| **164** | cd4\_first\_14\_dt | cd4\_first\_14\_dt | Date of first CD4 percent < 14  | The date of the first CD4 percent that was less than 14 |   |  YYYYMMDD | N/A |
| **165** | cd4\_first\_14\_value | cd4\_first\_14\_value | Value of first CD4 percent < 14 | The value of the first CD4 percent that was less than 14 |   |   | N/A |
| **166** | cd4\_first\_200\_14\_dt | cd4\_first\_200\_14\_dt | Date of first CD4 count < 200 or percent < 14 | The date of the first CD4 count < 200 or CD4 percent < 14 |   |  YYYYMMDD | N/A |
| **167** | cd4\_first\_200\_dt | cd4\_first\_200\_dt | Date of first CD4 count < 200  | The date of the first CD4 count that was less than 200 |   |  YYYYMMDD | N/A |
| **168** | cd4\_first\_200\_value | cd4\_first\_200\_value | Value of first CD4 count < 200  | The value of the first CD4 count that was less than 200 |   |   | N/A |
| **169** | cd4\_first\_350\_dt | cd4\_first\_350\_dt | Date of first CD4 count < 350  | The date of the first CD4 count that was less than 350 |   |  YYYYMMDD | N/A |
| **170** | cd4\_first\_350\_value | cd4\_first\_350\_value | Value of first CD4 count < 350  | The value of the first CD4 count that was less than 350 |   |   | N/A |
| **171** | cd4\_first\_hiv\_dt | cd4\_first\_hiv\_dt | Date of first CD4 test after HIV diagnosis | The date of the first CD4 test after HIV diagnosis |   |  YYYYMMDD | N/A |
| **173** | cd4\_first\_hiv\_value | cd4\_first\_hiv\_value | Value of first CD4 test after HIV diagnosis | The value of the first CD4 test after HIV diagnosis |   |   | N/A |
| **172** | cd4\_first\_hiv\_type | cd4\_first\_hiv\_type | Type of first CD4 test after HIV diagnosis (count or percent) | The type of CD4 test after HIV diagnosis (count or percent) |   |   | N/A |
| **174** | cd4\_low\_cnt\_dt | cd4\_low\_cnt\_dt | Date of lowest CD4 count  | The date of the lowest CD4 count test result value |   | YYYYMMDD | N/A |
| **175** | cd4\_low\_cnt\_value | cd4\_low\_cnt\_value | Value of lowest CD4 count | The lowest CD4 count test result value |   |   | N/A |
| **176** | cd4\_low\_pct\_dt | cd4\_low\_pct\_dt | Date of lowest CD4 percent | The date of the lowest CD4 percent test result value. |   | YYYYMMDD | N/A |
| **177** | cd4\_low\_pct\_value | cd4\_low\_pct\_value | Value of lowest CD4 percent | The lowest CD4 percent test result value. |   |   | N/A |
| **178** | cd4\_recent\_cnt\_dt | cd4\_recent\_cnt\_dt | Date of most recent CD4 count | The date of the most recent CD4 count. |   | YYYYMMDD | N/A |
| **180** | cd4\_recent\_cnt\_value | cd4\_recent\_cnt\_value | Value of most recent CD4 count | The value of the most recent CD4 count. |   |   | N/A |
| **179** | cd4\_recent\_cnt\_pct\_dt | cd4\_recent\_cnt\_pct\_dt | Date of most recent CD4 test (count or percent) | The date of the most recent CD4 test result (count or percent). |   | YYYYMMDD | N/A |
| **181** | cd4\_recent\_pct\_dt | cd4\_recent\_pct\_dt | Date of most recent CD4 percent | The date of the most recent CD4 percent. |   | YYYYMMDD | N/A |
| **182** | cd4\_recent\_pct\_value | cd4\_recent\_pct\_value | Value of most recent CD4 percent  | The value of the most recent CD4 percent. |   |   | N/A |
| **183** | cd4\_vl\_first\_hiv\_dt | cd4\_vl\_first\_hiv\_dt | Date of first CD4 or viral load test after HIV diagnosis | The date of the first CD4 or viral load test after HIV diagnosis |   | YYYYMMDD | N/A |
| **184** | cd4\_vl\_first\_hiv\_type | cd4\_vl\_first\_hiv\_type | Type of first test after HIV diagnosis (CD4 or viral load) | The type of the first test (CD4 or viral load test) on or after HIV diagnosis | 1- CD4  | $CD4\_VL | N/A |
|   |   |   |   |   | 2- Viral Load |   |   |
| **232** | test\_recent\_dt | test\_recent\_dt | Date of most recent test result  | The date of the most recent test result (CD4 or viral load) |   | YYYYMMDD  | N/A |
| **233** | test\_recent\_type | test\_recent\_type | Most recent test type | Most recent test type | 1- CD4 | $CD4\_VL | N/A |
|  | 2- Viral load |
| **234** | test\_recent\_value | test\_recent\_value | Most recent test result value | Most recent test result value; for viral load tests, displays copies/ml value; if there are CD4 count and percent results from the same day, displaysthe CD4 count value | POS- Positive | $PNI  | N/A |
|  | NEG- Negative |
|   | IND- Indeterminate  |
| **239** | vl\_last\_non\_det\_dt | vl\_last\_non\_det\_dt | Date of last non-detectable viral load test result | The date of the last non-detectable viral load test |   | YYYYMMDD | N/A |
| **240** | vl\_recent\_dt | vl\_recent\_dt | Date of most recent viral load test result  | The date of the most recent viral load test |   | YYYYMMDD | N/A |
| **241** | vl\_recent\_value | vl\_recent\_value | Most recent viral load test result value (copies/ml) | The most recent viral load test result (copies/ml) |   |   | N/A |
| **194** | death\_age\_mos | death\_age\_mos | Age at death (months) | The calculated age, in months, of the patient at the time of death  |   |   | N/A |
| **195** | death\_age\_yrs | death\_age\_yrs | Age at death (years) | The calculated age, in years, of the patient at the time of death |   |   | N/A |
| **196** | death\_rep\_dt | death\_rep\_dt | Date death reported | The date on which the vital status of the case is changed to dead (vital\_status = 2) in eHARS |   | YYYYMMDD | deathrep |
| **251** | dod | dod | Date of death | The date the patient died |   | YYYYMMDD | deathndi\_date |
| **274** | vital\_status | vital\_status | Vital status | The vital status of the patient | 1- Alive | $VIT\_STS | stat |
|  |   |   |   |   | 2- Dead |   |   |
|  |   |   |   |   | 9- Unknown |   |   |
| **253** | **aids\_age\_mos\_entered** | **aids\_age\_mos\_entered** | **Entered age at AIDS diagnosis (months)** | **The entered age at AIDS diagnosis, in months; the system does not validate this field; therefore, an incorrect age at diagnosis could potentially be entered.** |  |  | **age\_mos** |
| **254** | **aids\_age\_yrs\_entered** | **aids\_age\_yrs\_entered** | **Entered age at AIDS diagnosis (years)** | **The entered age at AIDS (HIV, stage 3) diagnosis, in years; the system does not validate this field; therefore, an incorrect age at diagnosis could be entered.** |  |  | **age\_yrs** |
| **162** | **aids\_rep\_dt** | **aids\_rep\_dt** | **Date reported as AIDS (HIV, stage 3)** | **The date reported to the health department as AIDS (HIV, stage 3)** |  | **YYYYMMDD** | **N/A** |
| **598** | **c\_bldprd\_legacy** | **c\_bldprd\_legacy** | **Child received clotting factor (LEGACY)** | **For a pediatric case: Did the child receive clotting factor? (Legacy variable from HARS)** | **Y- Yes** | **$YNUCDC** | **bldprd** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2- CDC Confirmed (applies to COPHI cases only)** |  |  |
| **588** | **c\_clotting\_factor** | **c\_clotting\_factor** | **Child received clotting factor**  | **For a pediatric case: The child had received clotting factor for hemophilia/coagulation disorder. This is collected in eHARS, not HARS. In eHARS, this is considered a COPHI risk factor.** | **Y- Yes** | **$YNUCDC** | **N/A** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2- CDC Confirmed (applies to COPHI cases only)** |  |  |
| **587** | **c\_idu** | **c\_idu** | **Child IDU** | **For a pediatric case: Had the child injected nonprescription drugs?** | **Y- Yes** | **$YNUCDC** | **iv** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2- CDC Confirmed (applies to COPHI cases only)** |  |  |
| **597** | **c\_nir** | **c\_nir** | **Child no identified risk factor (NIR)** | **For a pediatric case: Did the child have no identified risk factors?** | **Y- Yes** | **$YNUCDC** | **N/A** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2- CDC Confirmed (applies to COPHI cases only)** |  |  |
| **596** | **c\_oth\_risk** | **c\_oth\_risk** | **Child other documented risk** | **For a pediatric case: Before the diagnosis of HIV infection, did this patient have any risk behavior other than those specified by the other risk behavior questions? (Refer to p. 7-15 of eHARS Technical Reference Guide for a list of pediatric risk factors.)**  | **Y- Yes** | **$YNUCDC** | **oth\_risk** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2- CDC Confirmed (applies to COPHI cases only)** |  |  |
| **595** | **c\_sex\_female** | **c\_sex\_female** | **Child sexual contact with female** | **For a pediatric case: The child had sexual relations with a female.** | **Y- Yes** | **$YNUCDC** | **sex\_fmle** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2- CDC Confirmed (applies to COPHI cases only)** |  |  |
| **594** | **c\_sex\_male** | **c\_sex\_male** | **Child sexual contact with male** | **For a pediatric case: The child had sexual relations with male.** | **Y- Yes** | **$YNUCDC** | **sex\_male** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2- CDC Confirmed (applies to COPHI cases only)** |  |  |
| **590** | **c\_transfusion** | **c\_transfusion** | **Child received transfusion** | **For a pediatric case: The child had received transfusion of blood/blood components other than clotting factor.** | **Y- Yes** | **$YNUCDC** | **transfus** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2- CDC Confirmed (applies to COPHI cases only)** |  |  |
| **593** | **c\_transplant** | **c\_transplant** | **Child received transplant** | **For a pediatric case: The child had received transplant of tissue/organs.** | **Y- Yes** | **$YNUCDC** | **tranplnt** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2- CDC Confirmed (applies to COPHI cases only)** |  |  |
| **480** | **enter\_dt** | **enter\_dt** | **Date first document entered into system** | **Date on which the first document was entered into the system** |  | **YYYYMMDD** | **entered** |
| **266** | **hiv\_age\_mos\_entered** | **hiv\_age\_mos\_entered** | **Entered age at HIV diagnosis (months)** | **The entered age at HIV diagnosis, in months; this is not validated by the system, meaning an incorrect age at diagnosis could potentially be entered.** |  |  | **hage\_mos** |
| **267** | **hiv\_age\_yrs\_entered** | **hiv\_age\_yrs\_entered** | **Entered age at HIV diagnosis (years)** | **The entered age at HIV diagnosis, in years; this is not validated by the system, meaning an incorrect age at diagnosis could be entered.** |  |  | **hage\_yrs** |
| **207** | **hiv\_aids\_age\_mos** | **hiv\_aids\_age\_mos** | **Age at HIV disease diagnosis (months)** | **Age at HIV disease diagnosis, in months; the algorithm takes the earlier of the two ages (calculated age at diagnosis of HIV [Stage 1, 2, or unknown] or AIDS [HIV, stage 3]).** |  |  | **N/A** |
| **208** | **hiv\_aids\_age\_yrs** | **hiv\_aids\_age\_yrs** | **Age at HIV disease diagnosis (years)** | **Age at HIV disease diagnosis, in years. The algorithm takes the earlier of the two ages (calculated age at diagnosis of HIV [stage 1, 2, or unknown] or AIDS [HIV, stage 3]).** |  |  | **N/A** |
| **211** | **hiv\_aids\_dx\_dt** | **hiv\_aids\_dx\_dt** | **HIV disease diagnosis date** | **The date the patient was diagnosed with HIV disease** |  | **YYYYMMDD**  | **N/A** |
| **213** | **hiv\_categ** | **hiv\_categ** | **HIV case definition category** | **Calculates the CDC HIV case definition met by the patient, based on the guidelines that became effective January 1, 2000; HARS legacy cases remain included; the value for hiv\_categ can change based on updated information.**  | **1- HIV positive definitive** | **$H\_CAT** | **hcateg** |
|  |  |  |  | **For additional information, refer to section 8 of the eHARS Technical Reference Guide.**  | **2- HIV positive presumptive (children <18 mos of age at diagnosis)** |  |  |
|  |  |  |  |  | **3- HIV indeterminate (children <18 mos of age at diagnosis)** |  |  |
|  |  |  |  |  | **4- HIV negative, definitive (children <18 mos of age at diagnosis)** |  |  |
|  |  |  |  |  | **5- HIV negative, presumptive (children <18 mos of age at diagnosis)** |  |  |
|  |  |  |  |  | **8- Pending confirmation** |  |  |
|  |  |  |  |  | **9- Unknown** |  |  |
| **577** | **m\_hiv\_perinatal** | **m\_hiv\_perinatal** | **Mother perinatally acquired HIV infection** | **For a pediatric case: The mother had perinatally acquired HIV infection.** | **Y- Yes** | **$YNUCDC** | **N/A** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2 - CDC confirmed** |  |  |
| **576** | **m\_hiv\_status** | **m\_hiv\_status** | **Mother's infection status** | **For a pediatric case: This field provides the HIV status category (the maternal infection status) of the child’s biologic mother.**  | **1- Refused HIV testing** | **$INF\_STS** | **mhivstat** |
|  |  |  |  |  | **2- Known UNINFECTED after birth** |  |  |
|  |  |  |  |  | **3- Know HIV+ before pregnancy** |  |  |
|  |  |  |  |  | **4- Know HIV+ during pregnancy** |  |  |
|  |  |  |  |  | **5- Known HIV+ at time of delivery**  |  |  |
|  |  |  |  |  | **6- Known HIV+ sometime before birth** |  |  |
|  |  |  |  |  | **7- Known HIV+ sometime after birth** |  |  |
|  |  |  |  |  | **8- HIV+ with time unknown** |  |  |
|  |  |  |  |  | **9- Unknown** |  |  |
| **578** | **m\_idu** | **m\_idu** | **Mother IDU** | **For a pediatric case: After 1977 and before the child’s birth, did the mother inject non-prescription drugs?**  | **Y- Yes** | **$YNUCDC** | **m\_ivda** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2 - CDC confirmed** |  |  |
| **580** | **m\_sex\_bisexual\_male** | **m\_sex\_bisexual\_male** | **Mother heterosexual contact with bisexual male** | **For a pediatric case: After 1977 and before the child’s birth, did the mother have heterosexual relations with a bisexual male?** | **Y- Yes** | **$YNUCDC** | **m\_sexhbi** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2 - CDC confirmed** |  |  |
| **581** | **m\_sex\_hemo** | **m\_sex\_hemo** | **Mother heterosexual contact with male with hemophilia** | **For a pediatric case: After 1977 and before the child’s birth, did the mother have heterosexual relations with a male with hemophilia/coagulation disorder?** | **Y- Yes** | **$YNUCDC** | **m\_sexhem** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2 - CDC confirmed** |  |  |
| **584** | **m\_sex\_hiv** | **m\_sex\_hiv** | **Mother had heterosexual contact with male with HIV infection** | **For a pediatric case: After 1977 and before the child’s birth, did the mother have heterosexual relations with a male diagnosed with HIV disease, risk not specified?** | **Y- Yes** | **$YNUCDC** | **m\_sexhiv** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2 - CDC confirmed** |  |  |
| **579** | **m\_sex\_idu** | **m\_sex\_idu** | **Mother heterosexual contact with IDU** | **For a pediatric case: After 1977 and before the child’s birth, did the mother have heterosexual relations with an intravenous/injecting drug user?** | **Y- Yes** | **$YNUCDC** | **m\_sexiv** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2 - CDC confirmed** |  |  |
| **582** | **m\_sex\_transfusion** | **m\_sex\_transfusion** | **Mother had heterosexual contact with transfusion recipient with HIV infection** | **For a pediatric case: After 1977 and before the child’s birth, did the mother have heterosexual relations with a transfusion recipient with documented HIV infection?** | **Y- Yes** | **$YNUCDC** | **m\_sextrn** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2 - CDC confirmed** |  |  |
| **583** | **m\_sex\_transplant** | **m\_sex\_transplant** | **Mother had heterosexual contact with transplant recipient with HIV infection** | **For a pediatric case: After 1977 and before the child’s birth, did the mother have heterosexual relations with a transplant recipient with documented HIV infection?** | **Y- Yes** | **$YNUCDC** | **m\_sextpl** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2 - CDC confirmed** |  |  |
| **585** | **m\_transfusion** | **m\_transfusion** | **Mother received transfusion** | **For a pediatric case: After 1977 and before the child’s birth, did the mother receive a transfusion of blood/blood components (other than clotting factor)?** | **Y- Yes** | **$YNUCDC** | **m\_trans** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2 - CDC confirmed** |  |  |
| **586** | **m\_transplant** | **m\_transplant** | **Mother received transplant or artificial insemination** | **For a pediatric case: After 1977 and before the child’s birth, did the mother receive a transplant of tissue/organs or artificial insemination?** | **Y- Yes** | **$YNUCDC** | **m\_trnplt** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2 - CDC confirmed** |  |  |
| **573** | **nir** | **nir** | **Adult no identified risk factor (NIR)** | **Does the adult case have identified risk factors? (NIR)** | **Y- Yes** | **$YNUCDC** | **N/A** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2- CDC confirmed** |  |  |
| **572** | **oth\_risk** | **oth\_risk** | **Adult other documented risk** | **For an adult case: Before the diagnosis of HIV, did this patient have any risk behavior other than those specified by the other risk behavior questions?**  | **Y- Yes** | **$YNUCDC** | **oth\_risk** |
|  |  |  |  |  | **N- No** |  |  |
|  |  |  |  |  | **U- Unknown** |  |  |
|  |  |  |  |  | **2- CDC Confirmed** |  |  |
| **500** | **report\_state\_cd** | **report\_state\_cd** | **Reporting state** | **Reporting state** | **See Section 3.5** | **[$STATE](file:///C%3A%5C%5CUsers%5C%5Cjpe8%5C%5CAppData%5C%5CLocal%5C%5CMicrosoft%5C%5CWindows%5C%5CTemporary%20Internet%20Files%5C%5CContent.MSO%5C%5CC84DEFFC.xls%22%20%5Cl%20%22RANGE%21A426%3AA478)** | **rep\_st** |
| **505** | **status\_flag** | **status\_flag** | **Person View status** | **Person view status** | **A- Active** | **$PV\_STS** | **status** |
|  |  |  |  |  | **D- Deleted** |  |  |
|  |  |  |  | **Active = Active case; data will be transferred to CDC if case is CDC eligible.** | **E- Error** |  |  |
|  |  |  |  | **Deleted = The Person View and all documents pertaining to this person have been marked for deletion.** | **M- Moved** |  |  |
|  |  |  |  | **Error = Critical edit checks have failed. The Person View and all related documents will not be used in the national dataset and/or for national reporting purposes.** | **P- Purged** |  |  |
|  |  |  |  | **Moved = All documents for this person have been moved/merged to another person.** | **R- Required field missing** |  |  |
|  |  |  |  | **Purged = Case has been deleted, acknowledged by CDC, and can be purged from database.** | **W- Warning** |  |  |
|  |  |  |  | **Required field missing = Fields that are needed to determine CDC case eligibility are missing. (For more information on required fields, refer to section 3 of the eHARS Technical Reference Guide.)** |  |  |  |
|  |  |  |  | **Warning = Non-critical edit checks have failed, but case's data will be transferred to CDC.** |  |  |  |