**Attachment 6**

**MMP Medical Record Abstraction Data Structure**

**Medical Monitoring Project**

**0920-0740**

**MMP 2018 MEDICAL RECORD ABSTRACTION DATA STRUCTURE**

**DEMOGRAPHICS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Question** | **Label** | **2018 MRA** | **2021 MRA** | **Added in 2021** |
| PARID | Participant ID | Participant ID | 1 | 1 |  |
| \_SITEID\_mra |  | Site ID | 1 | 1 |  |
| absid\_mra | Abstractor ID | Abstractor ID | 1 | 1 |  |
| facid\_mra\* | Facility ID: (Eight digits: Project Area + facility ID) | Facility ID | 1 | 1 |  |
| facloc\_mra\* | Facility Location | Facility Location | 1 | 1 |  |
| rwfund\_mra | Does facility receive Ryan White funding | Ryan White Funded Facility | 1 | 1 |  |
| spstart\_mra | Start of Observation | Surveillance period start date | 1 | 1 |  |
| spend\_mra | End of Observation | Surveillance period end date | 1 | 1 |  |
| death\_mra | Did the participant die during the 2 year observation period? | Patient died | 1 | 1 |  |
| dobmo\_mra | Date of birth (Month) | Date of birth (Month) | 1 | 1 |  |
| dobyr\_mra | Date of birth (Year) | Date of birth (Year) | 1 | 1 |  |
| gender\_mra | Gender | Gender | 1 | 1 |  |
| racend\_mra | Not documented | Race not documented | 1 | 1 |  |
| aian\_mra | American Indian/Alaska Native | Race American Indian/Alaska Native | 1 | 1 |  |
| asian\_mra | Asian | Race Asian | 1 | 1 |  |
| black\_mra | Black/African American | Race Black/African American | 1 | 1 |  |
| nhpi\_mra | Native Hawaiian/Other Pacific Islander | Race native Hawaiian/other Pacific Islander | 1 | 1 |  |
| white\_mra | White | Race White | 1 | 1 |  |
| ethnic\_mra | Hispanic/Latino ethnicity or Spanish origin: | Hispanic/Latino ethnicity or Spanish Origin | 1 | 1 |  |
| reimbnd\_mra | Not documented | Insurance not documented | 1 | 1 |  |
| reimbadap\_mra | AIDS Drug Assistance Program (ADAP) | Insurance ADAP | 1 | 1 |  |
| reimbmc\_mra | Medicare | Insurance Medicare | 1 | 1 |  |
| reimbmd\_mra | Medicaid | Insurance Medicaid | 1 | 1 |  |
| reimbrw\_mra | Ryan White | Insurance Ryan White | 1 | 1 |  |
| reimbtri\_mra | Tricare or Champus | Insurance Tricare or Champus | 1 | 1 |  |
| reimbva\_mra | Veterans administration coverage | Insurance VA coverage | 1 | 1 |  |
| reimbpvt\_mra | Private insurance | Private insurance | 1 | 1 |  |
| reimbsp\_mra | None/self-pay | Insurance none/self-pay | 1 | 1 |  |
| reimbpub\_mra | City, County, State or other publicly funded | Insurance city, county, state, publicly funded | 1 | 1 |  |
| reimboth\_mra | Other insurance | Other insurance | 1 | 1 |  |
| reimbothde\_mra | Other insurance description | Other insurance description | 1 | 1 |  |
| hivdateyn\_mra | Is the date of first HIV diagnosis documented in the medical record? | Date of HIV diagnosis documented | 1 | 1 |  |
| firsthiv\_mra | Date of first HIV diagnosis | Date of HIV diagnosis | 1 | 1 |  |
| \_firsthiv\_ind\_mra |  | Date of HIV diagnosis indicator | 1 | 1 |  |

**ENCOUNTERS**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Question** | **Label** | **2018 MRA** | **2021 MRA** | **Added in 2021** | |
| PARID | Participant ID | Participant ID | 1 | 1 |  |
| \_SITEID\_mra |  | Site ID | 1 | 1 |  |
| vis\_date\_mra | Encounter date | Outpatient encounter date | 1 | 1 |  |
| visitloc\_mra | Where did the encounter take place? | Place of medical encounter | 1 | 1 |  |
| visitprv\_mra | With whom did the encounter take place? | Person with whom medical encounter occurred | 1 | 1 |  |
| hivprvyn\_mra | Did the encounter take place with a known HIV provider? | Encounter with known HIV provider | 1 | 1 |  |
| oprvyn\_mra | Did the encounter take place with a non-HIV provider? | Encounter with non-HIV provider | 1 | 1 |  |
| oprvtyp\_mra | If yes, specify provider type | Non-HIV provider type | 1 | 1 |  |
| othprvothde\_mra | Other provider description | Other non-HIV provider description | 1 | 1 |  |
| vital\_mra | Were any vital signs documented during the encounter? | Vital signs documented during encounter | 1 | 1 |  |
| weightnd\_mra | Weight not documented | Weight not documented | 1 | 1 |  |
| weight\_mra | Weight | Weight | 1 | 1 |  |
| weightunit\_mra | Weight units | Weight units | 1 | 1 |  |
| heightnd\_mra | Height not documented | Height not documented | 1 | 1 |  |
| height\_ft\_mra | Height (feet) | Height (feet) | 1 | 1 |  |
| height\_in\_mra | Height (inches) | Height (inches) | 1 | 1 |  |
| bpnd\_mra | Blood pressure not documented | Blood pressure not documented | 1 | 1 |  |
| bpsys\_mra | Systolic blood pressure (mmHg) | Systolic blood pressure | 1 | 1 |  |
| bpdia\_mra | Diastolic blood pressure (mmHg) | Diastolic blood pressure | 1 | 1 |  |

**HOSPITALIZATION**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Question** | **Label** | **2018 MRA** | **2021 MRA** | **Added in 2021** |
| PARID | Participant ID | Participant ID | 1 | 1 |  |
| \_SITEID\_mra |  | Site ID | 1 | 1 |  |
| hospyn\_mra | Was the patient hospitalized during the observation period? | Participant hospitalized | 1 | 1 |  |
| inpadmitnd\_mra | Inpatient admission date not documented | Inpatient admission date not documented | 1 | 1 |  |
| inpadmit\_mra | Inpatient admission date | Inpatient admission date | 1 | 1 |  |
| \_inpadmit\_ind\_mra |  | Inpatient admission date indicator | 1 | 1 |  |
| inpdischnd\_mra | Inpatient discharge date not documented | Inpatient discharge date not documented | 1 | 1 |  |
| inpdisch\_mra | Inpatient discharge date | Inpatient discharge date | 1 | 1 |  |
| \_inpdisch\_ind\_mra |  | Inpatient discharge date indicator | 1 | 1 |  |
| inpdiag\_mra | Diagnosis | Discharge Diagnosis | 1 | 1 |  |
| inpdiagothde\_mra | Diagnosis other description | Other discharge diagnosis description | 1 | 1 |  |
| \_inpdiagrt\_mra |  | Diagnosis root code | 1 | 1 |  |
| \_inpnum\_mra |  | Hospitalization number | 1 | 1 |  |

**DIAGNOSES**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Question** | **Label** | **2018 MRA** | **2021 MRA** | **Added in 2021** |
| PARID | Participant ID | Participant ID | 1 | 1 |  |
| \_SITEID\_mra |  | Site ID | 1 | 1 |  |
| dxrefsoo\_mra | Beginning of month 1 (start of observation period) | Beginning of month 1 (start of observation period) | 1 | 1 |  |
| dxref13mo\_mra | Beginning of month 13 | Beginning of month 13 | 1 | 1 |  |
| dxrefeoo\_mra | End of month 24 (end of observation period) | End of month 24 (end of observation period) | 1 | 1 |  |
| dx\_mra | Diagnosis | Diagnosis | 1 | 1 |  |
| dxothde\_mra | Other description | Diagnosis Other description | 1 | 1 |  |
| \_dxrt\_mra |  | Diagnosis root code | 1 | 1 |  |
| \_coddx\_mra | Diagnosis at death | From COD file | 1 | 1 |  |
| \_diagdx\_mra | Diagnosis from Diagnosis file | From Diagnosis file | 1 | 1 |  |
| dx6mobs\_mra | Started or ongoing in first 6 months | Diagnosis first 6 months | 1 | 1 |  |
| dx12mobs\_mra | Started or ongoing 7-12 months | Diagnosis 7-12 months | 1 | 1 |  |
| dx18mobs\_mra | Started or ongoing 13-18 months | Diagnosis 13-18 months | 1 | 1 |  |
| dx24mobs\_mra | Started or ongoing 19-24 months | Diagnosis 19-24 months | 1 | 1 |  |
| dthcodsrc\_mra | Source of cause of death information | Source of cause of death info | 1 | 1 |  |
| codsrcothde\_mra | Specify other source: | Other source of cause of death info | 1 | 1 |  |

**MEDICATIONS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Question** | **Label** | **2018 MRA** | **2021 MRA** | **Added in 2021** |
| PARID | Participant ID | Participant ID | 1 | 1 |  |
| \_SITEID\_mra |  | Site ID | 1 | 1 |  |
| txrefsoo\_mra | Beginning of month 1 (start of observation period) | Beginning of month 1 (start of observation period) | 1 | 1 |  |
| txref13mo\_mra | Beginning of month 13 | Beginning of month 13 | 1 | 1 |  |
| txrefeoo\_mra | End of month 24 (end of observation period) | End of month 24 (end of observation period) | 1 | 1 |  |
| tx\_mra | Medication | Medication | 1 | 1 |  |
| txothde\_mra | Other medication description | Other medication description | 1 | 1 |  |
| \_txrt\_mra |  | Medication root code | 1 | 1 |  |
| txroute\_mra | Medication route | Medication route | 1 | 1 |  |
| txrouteoth\_mra | Other route description | Other medication route description | 1 | 1 |  |
| txfreq\_mra | Frequency (for ARVs only) | ARV Frequency | 1 | 1 |  |
| txfreqothde\_mra | Other ARV frequency description Other frequency (specify) | Other ARV frequency description | 1 | 1 |  |
| tx6mobs\_mra | Started or ongoing in first 6 months | Medication first 6 months | 1 | 1 |  |
| tx12mobs\_mra | Started or ongoing 7-12 months | Medication 7-12 months | 1 | 1 |  |
| tx18mobs\_mra | Started or ongoing 13-18 months | Medication 13-18 months | 1 | 1 |  |
| tx24mobs\_mra | Started or ongoing 19-24 months | Medication 19-24 months | 1 | 1 |  |

**PROPHYLAXIS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Question** | **Label** | **2018 MRA** | **2021 MRA** | **Added in 2021** |
| PARID | Participant ID | Participant ID | 1 | 1 |  |
| \_SITEID\_mra |  | Site ID | 1 | 1 |  |
| macrefsoo\_mra | Beginning of month 1 (start of observation period) | MAC start of observation period | 1 | 1 |  |
| macref13mo\_mra | Beginning of month 13 | MAC beginning of month 13 | 1 | 1 |  |
| macrefeoo\_mra | End of month 24 (end of observation period) | MAC end of month 24 | 1 | 1 |  |
| macpx\_mra | MAC prophylaxis administered? | MAC prophylaxis administered? | 1 | 1 |  |
| macpxtx\_mra | MAC medication | MAC medication | 1 | 1 |  |
| macpxtxothde\_mra | Other description | MAC medication other description | 1 | 1 |  |
| mac6mobs\_mra | Started or ongoing in first 6 months | MAC Started or ongoing in first 6 months | 1 | 1 |  |
| mac12mobs\_mra | Started or ongoing 7-12 months | MAC Started or ongoing 7-12 months | 1 | 1 |  |
| mac18mobs\_mra | Started or ongoing 13-18 months | MAC Started or ongoing 13-18 months | 1 | 1 |  |
| mac24mobs\_mra | Started or ongoing 19-24 months | MAC Started or ongoing 19-24 months | 1 | 1 |  |
| pcprefsoo\_mra | Beginning of month 1 (start of observation period) | PCP start of observation period | 1 | 1 |  |
| pcpref7mo\_mra | Beginning of month 7 | PCP beginning of month 7 | 1 | 1 |  |
| pcpref13mo\_mra | Beginning of month 13 | PCP beginning of month 13 | 1 | 1 |  |
| pcpref19mo\_mra | Beginning of month 19 | PCP beginning of month 19 | 1 | 1 |  |
| pcprefeoo\_mra | End of month 24 (end of observation period) | PCP end of month 24 | 1 | 1 |  |
| pcppx\_mra | PCP prophylaxis administered? | PCP prophylaxis administered? | 1 | 1 |  |
| pcppxtx\_mra | PCP medication | PCP medication | 1 | 1 |  |
| pcppxtxothde\_mra | Other description | PCP medication other description | 1 | 1 |  |
| pcp6mobs\_mra | Started or ongoing in first 6 months | PCP Started or ongoing in first 6 months | 1 | 1 |  |
| pcp12mobs\_mra | Started or ongoing 7-12 months | PCP Started or ongoing 7-12 months | 1 | 1 |  |
| pcp18mobs\_mra | Started or ongoing 13-18 months | PCP Started or ongoing 13-18 months | 1 | 1 |  |
| pcp24mobs\_mra | Started or ongoing 19-24 months | PCP Started or ongoing 19-24 months | 1 | 1 |  |
| flurefsoo\_mra | Start of observation period | Flu start of observation period | 1 | 1 |  |
| flurefyr2\_mra | Beginning of year 2 | Flu beginning of year 2 | 1 | 1 |  |
| flurefeoo\_mra | End of observation period | Flu end of observation period | 1 | 1 |  |
| flupx\_mra | Influenza vaccination administered? | Influenza vaccination administered? | 1 | 1 |  |
| fluyr1\_mra | Administered during first year of obs period? | Flu vaccine administered year 1 | 1 | 1 |  |
| fludate1\_mra | If yes, what date was the influenza vaccine administered in year 1 of the observation period? | Flu vaccine date year 1 | 1 | 1 |  |
| \_fludate1\_ind\_mra |  | Flu vaccine date year 1 indicator | 1 | 1 |  |
| fluyr2\_mra | Administered during second year of obs period? | Flu vaccine administered year 2 | 1 | 1 |  |
| fludate2\_mra | If yes, what date was the influenza vaccine administered in year 2 of the observation period? | Flu vaccine date year 2 | 1 | 1 |  |
| \_fludate2\_ind\_mra |  | Flu vaccine date year 2 indicator | 1 | 1 |  |

**PROCEDURE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Question** | **Label** | **2018 MRA** | **2021 MRA** | **Added in 2021** |
| PARID | Participant ID | Participant ID | 1 | 1 |  |
| \_SITEID\_mra |  | Site ID | 1 | 1 |  |
| procdate\_mra | Date of procedure | Date of procedure | 1 | 1 |  |
| \_procdate\_ind\_mra |  | Date of procedure indicator | 1 | 1 |  |
| proc\_mra | Procedure | Procedure | 1 | 1 |  |
| procothde\_mra | Specify details | Procedure other details | 1 | 1 |  |

**LABS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Question** | **Label** | **2018 MRA** | **2021 MRA** | **Added in 2021** |
| PARID | Participant ID | Participant ID | 1 | 1 |  |
| \_SITEID\_mra |  | Site ID | 1 | 1 |  |
| hivlab\_date\_mra | Collection date | HIV lab date | 1 | 1 |  |
| cd4\_result\_mra | CD4 count result | CD4 result | 1 | 1 |  |
| cd4\_unit\_mra | CD4 count units | CD4 units | 1 | 1 |  |
| cd4\_unoth\_mra | Other description | CD4 other units | 1 | 1 |  |
| cd4pct\_result\_mra | CD4% result | CD4% Result | 1 | 1 |  |
| viral\_load\_sign\_mra | Viral load sign | Viral load sign | 1 | 1 |  |
| viral\_load\_mra | Viral load result | Viral load result | 1 | 1 |  |
| viral\_load\_unit\_mra | Viral load units | Viral load units | 1 | 1 |  |
| viral\_load\_unoth\_mra | If other, specify | Viral load other units | 1 | 1 |  |
| viral\_load\_LL\_mra | Lower limit of test | Viral load lower limit | 1 | 1 |  |
| viral\_load\_LL\_oth\_mra | If other, specify | Viral load other lower limit | 1 | 1 |  |
| viral\_load\_UL\_mra | Upper limit of test | Viral load upper limit | 1 | 1 |  |
| viral\_load\_UL\_oth\_mra | If other, specify | Viral load other upper limit | 1 | 1 |  |
| cbc\_date\_mra | Collection date | CBC lab date | 1 | 1 |  |
| wbc\_res\_mra | Result | WBC result | 1 | 1 |  |
| wbc\_unit\_mra | Units | WBC units | 1 | 1 |  |
| wbc\_unoth\_mra | Description of other units | WBC other units | 1 | 1 |  |
| hgb\_res\_mra | Result | Hemoglobin result | 1 | 1 |  |
| hgb\_unit\_mra | Units | Hemoglobin units | 1 | 1 |  |
| hgb\_unoth\_mra | Description of other units | Hemoglobin other units | 1 | 1 |  |
| plt\_res\_mra | Result | Platelets result | 1 | 1 |  |
| plt\_unit\_mra | Units | Platelets units | 1 | 1 |  |
| plt\_unoth\_mra | Description of other units | Platelets other units | 1 | 1 |  |
| mvc\_res\_mra | Result (fL) | MCV result | 1 | 1 |  |
| neut\_res\_mra | Result | Neutrophils result | 1 | 1 |  |
| neut\_unit\_mra | Units | Neutrophils units | 1 | 1 |  |
| neut\_unoth\_mra | Description of other units | Neutrophils other units | 1 | 1 |  |
| chem\_date\_mra | Collection date | Chemistry lab date | 1 | 1 |  |
| fasting\_lab\_mra | Fasting lab? | Chemistry fasting | 1 | 1 |  |
| glu\_res\_mra | Result | Glucose result | 1 | 1 |  |
| glu\_unit\_mra | Units | Glucose units | 1 | 1 |  |
| glu\_unoth\_mra | Description of other units | Glucose other units | 1 | 1 |  |
| creat\_res\_mra | Result | Creatinine result | 1 | 1 |  |
| creat\_unit\_mra | Units | Creatinine units | 1 | 1 |  |
| creat\_unoth\_mra | Description of other units | Creatinine other units | 1 | 1 |  |
| calc\_res\_mra | Result | Calcium result | 1 | 1 |  |
| calc\_unit\_mra | Units | Calcium units | 1 | 1 |  |
| calc\_uoth\_mra | Description of other units | Calcium other units | 1 | 1 |  |
| alb\_res\_mra | Result | Albumin result | 1 | 1 |  |
| alb\_unit\_mra | Units | Albumin units | 1 | 1 |  |
| alb\_unoth\_mra | Description of other units | Albumin other units | 1 | 1 |  |
| ast\_res\_mra | Result | AST (SGOT) result | 1 | 1 |  |
| ast\_unit\_mra | Units | AST (SGOT) units | 1 | 1 |  |
| ast\_unoth\_mra | Description of other units | AST (SGOT) other units | 1 | 1 |  |
| alt\_res\_mra | Result | ALT (SGPT) result | 1 | 1 |  |
| alt\_unit\_mra | Units | ALT (SGPT) units | 1 | 1 |  |
| alt\_unoth\_mra | Description of other units | ALT (SGPT) other units | 1 | 1 |  |
| tbili\_res\_mra | Result | Total bilirubin result | 1 | 1 |  |
| tbili\_unit\_mra | Units | Total bilirubin units | 1 | 1 |  |
| tbili\_unoth\_mra | Description of other units | Total bilirubin other units | 1 | 1 |  |
| othchem\_date\_mra | Collection date | Other chemistry lab date | 1 | 1 |  |
| hgba1c\_res\_mra | Result (%) | Hemoglobin A1c result | 1 | 1 |  |
| vitd\_res\_mra | Result | Vitamin D result | 1 | 1 |  |
| vitd\_unit\_mra | Units | Vitamin D units | 1 | 1 |  |
| vitd\_unoth\_mra | Description of other units | Vitamin D other units | 1 | 1 |  |
| ttest\_res\_mra | Result | Total testosterone result | 1 | 1 |  |
| ttest\_unit\_mra | Units | Total testosterone units | 1 | 1 |  |
| ttest\_unoth\_mra | Description of other units | Total testosterone other units | 1 | 1 |  |
| lipid\_date\_mra | Collection date | Lipid lab date | 1 | 1 |  |
| lipid\_fast\_mra | Fasting lab? | Lipid fasting | 1 | 1 |  |
| chol\_res\_mra | Result | Cholesterol result | 1 | 1 |  |
| chol\_unit\_mra | Units | Cholesterol units | 1 | 1 |  |
| chol\_unoth\_mra | Description of other units | Cholesterol other units | 1 | 1 |  |
| hdl\_res\_mra | Result | HDL Cholesterol result | 1 | 1 |  |
| hdl\_unit\_mra | Units | HDL Cholesterol units | 1 | 1 |  |
| hdl\_unoth\_mra | Description of other units | HDL Cholesterol other units | 1 | 1 |  |
| ldl\_res\_mra | Result | LDL Cholesterol result | 1 | 1 |  |
| ldl\_unit\_mra | Units | LDL Cholesterol units | 1 | 1 |  |
| ldl\_unoth\_mra | Description of other units | LDL Cholesterol other units | 1 | 1 |  |
| trig\_res\_mra | Result | Triglycerides result | 1 | 1 |  |
| trig\_unit\_mra | Units | Triglycerides units | 1 | 1 |  |
| trig\_unoth\_mra | Description of other units | Triglycerides other units | 1 | 1 |  |
| sero\_date\_mra | Collection date | Serology lab date | 1 | 1 |  |
| toxoab\_res\_mra | Toxoplasma IgG antibody result | Toxoplasmosis IgG result | 1 | 1 |  |
| hcv\_test\_mra | Test type | Hepatitis C test | 1 | 1 |  |
| hcv\_qlres\_mra | Qualitative test result | Hepatitis C qualitative result | 1 | 1 |  |
| hcv\_und\_mra | Quantitative viral load undetectable | Hepatitis C Viral load undetectable | 1 | 1 |  |
| hcv\_sign\_mra | Quantitative viral load sign | Hepatitis C Viral load sign | 1 | 1 |  |
| hcv\_qtres\_mra | Quantitative viral load result: | Hepatitis C Viral load result | 1 | 1 |  |
| hcv\_unit\_mra | Quantitative viral load units | Hepatitis C Viral load units | 1 | 1 |  |
| hcv\_unoth\_mra | Description of other units | Hepatitis C Viral load other units | 1 | 1 |  |
| hcv\_UL\_mra | Quantitative viral load test upper limit | Hepatitis C Viral load upper limit | 1 | 1 |  |
| hcv\_LL\_mra | Quantitative viral load test lower limit | Hepatitis C Viral load lower limit | 1 | 1 |  |
| hbv\_test\_mra | Test type | Hepatitis B test | 1 | 1 |  |
| hbv\_qlres\_mra | Qualitative test result | Hepatitis B qualitative result | 1 | 1 |  |
| hbv\_qtres\_mra | Viral load (DNA) result | Hepatitis B viral load result | 1 | 1 |  |
| hbv\_unit\_mra | Viral load (DNA) units | Hepatitis B viral load units | 1 | 1 |  |
| hbv\_unoth\_mra | Description of other units | Hepatitis B viral load units other | 1 | 1 |  |
| hbv\_UL\_mra | Viral load (DNA) upper limit | Hepatitis B viral load upper limit | 1 | 1 |  |
| hbv\_LL\_mra | Viral load (DNA) lower limit | Hepatitis B viral load lower limit | 1 | 1 |  |
| covdt | Specimen collection date | SARS-CoV-2 lab date |  | 1 | 1 |
| covtest | Test type | SARS-CoV-2 test type |  | 1 | 1 |
| covtestothde | Test type, other (description) | SARS-CoV-2 test type, other description |  | 1 | 1 |
| covsource | Source of specimen | SARS-CoV-2 source |  | 1 | 1 |
| covsourceothde | Source, other (description) | SARS-CoV-2 source, other (description) |  | 1 | 1 |
| covresult | Result | SARS-CoV-2 result |  | 1 | 1 |
| covresultothde | Result, other (description) | SARS-CoV-2 result, other description |  | 1 | 1 |
| sti\_date\_mra | Specimen collection date | STI lab date | 1 | 1 |  |
| gc\_source\_mra | Source of specimen | Gonorrhea source | 1 | 1 |  |
| gc\_type\_mra | Test type | Gonorrhea test type | 1 | 1 |  |
| gc\_res\_mra | Result | Gonorrhea result | 1 | 1 |  |
| ct\_source\_mra | Source of specimen | Chlamydia source | 1 | 1 |  |
| ct\_type\_mra | Test type | Chlamydia test type | 1 | 1 |  |
| ct\_res\_mra | Result | Chlamydia result | 1 | 1 |  |
| syph\_source\_mra | Source of specimen | Syphilis source | 1 | 1 |  |
| syph\_type\_mra | Test type | Syphilis test type | 1 | 1 |  |
| syph\_res\_mra | Result | Syphilis result | 1 | 1 |  |
| syph\_titr\_mra | Titer result: 1:X | Syphilis titer 1:X | 1 | 1 |  |
| trich\_source\_mra | Source of specimen | Trichomonas source | 1 | 1 |  |
| trich\_type\_mra | Test type | Trichomonas test type | 1 | 1 |  |
| trich\_res\_mra | Result | Trichomonas result | 1 | 1 |  |
| os\_date\_mra | Screening date | Mammogram or Pap screening date | 1 | 1 |  |
| \_os\_date\_ind\_mra |  | Screening date indicator | 1 | 1 |  |
| pap\_source\_mra | PAP source | Pap smear source | 1 | 1 |  |
| pap\_result\_mra | PAP result | Pap smear result | 1 | 1 |  |
| pap\_othde\_mra | Specify other PAP result | Pap result other description | 1 | 1 |  |
| ppd\_yn\_mra | Was a PPD placed? | PPD placed | 1 | 1 |  |
| ppd\_read\_mra | Was the PPD read? | PPD read | 1 | 1 |  |
| ppd\_date\_mra | What date was the PPD read? | PPD reading date | 1 | 1 |  |
| ppd\_datend\_mra | Date not documented | PPD reading date not documented | 1 | 1 |  |
| ppd\_res\_mra | PPD result | PPD result | 1 | 1 |  |
| igra\_date\_mra | Specimen collection date | IGRA lab date | 1 | 1 |  |
| igra\_type\_mra | IGRA test type | IGRA test type | 1 | 1 |  |
| igra\_res\_mra | IGRA result | IGRA result | 1 | 1 |  |
| urine\_date\_mra | Collection date | Urine lab date | 1 | 1 |  |
| urine\_test\_mra | Urine test type | Urine test type | 1 | 1 |  |
| urine\_qt\_res\_mra | Urine test result | Urine quantitative result | 1 | 1 |  |
| urine\_unit\_mra | Urine test units | Urine units | 1 | 1 |  |
| uruint\_othde\_mra | Description of other units | Urine other units | 1 | 1 |  |
| uprotqual\_mra | Urine protein result (non-numeric) | Urine protein (qual) result | 1 | 1 |  |
| uproql\_othres\_mra | Description of other result | Urine protein (qual) other result | 1 | 1 |  |
| hct\_res\_mra^ | Result (%) | Hematocrit result | 1 | 1 |  |
| lymph\_res\_mra^ | Result | Lymphocytes result | 1 | 1 |  |
| monos\_res\_mra^ | Result | Monocytes result | 1 | 1 |  |
| eos\_res\_mra^ | Result | Eosinophils result | 1 | 1 |  |
| baso\_res\_mra^ | Result | Basophils result | 1 | 1 |  |
|  |  |  | 1 | 1 |  |

**RESISTANCE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Question** | **Label** | **2018 MRA** | **2021 MRA** | **Added in 2021** |
| PARID | Participant ID |  | 1 | 1 |  |
| \_SITEID\_mra |  | Site ID | 1 | 1 |  |
| geno\_mra | Genotype or virtual phenotype performed? | Is genotype or virtual phenotype performed? | 1 | 1 |  |
| geno\_rpt\_mra | Is a genotype or virtual phenotype lab report available in the medical record? | Is genotype or virtual phenotype report available? | 1 | 1 |  |
| geno\_vpheno\_mra | Were the results obtained from a genotype or virtual phenotype? | Genotype or virtual phenotype | 1 | 1 |  |
| geno\_adq\_mra | Genotype Specimen adequate? | Genotype specimen adequate | 1 | 1 |  |
| geno\_date\_mra | Genotype collection date | Genotype collection date | 1 | 1 |  |
| geno\_nrti\_mra | NRTI mutations detected | NRTI mutations detected | 1 | 1 |  |
| geno\_nnrti\_mra | NNRTI mutations detected | NNRTI mutations detected | 1 | 1 |  |
| geno\_pi\_mra | PI mutations detected | PI mutations detected | 1 | 1 |  |
| geno\_in\_mra | Integrase mutations detected | Integrase mutations detected | 1 | 1 |  |
| geno\_en\_mra | GP41 Envelope mutations detected | GP41 envelope mutations detected | 1 | 1 |  |
| \_geno\_mut\_mra | Genotype mutations | Genotype mutation | 1 | 1 |  |
| \_geno\_mutsrc\_mra |  | Genotype mutation source | 1 | 1 |  |