Patient Tracking Data Validation Exercise before Entry into UCSR

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April 7, 2018

Abstract

Summary. This is a document to validate and check variables before they are inte grated into the UCSR.

1 High-level codebook for all variables

```
-------------------------------------------------------------------------------------------------
disease                                                                                   Disease
-------------------------------------------------------------------------------------------------

                  type:  string (str3)

         unique values:  1                              missing "":  0/2

            tabulation:  Freq.  Value
                            2  "HIV"


-------------------------------------------------------------------------------------------------
collapsed                                                                               Collapsed
-------------------------------------------------------------------------------------------------

                  type:  string (str3), but longest is str2

         unique values:  1                              missing "":  0/2

            tabulation:  Freq.  Value
                            2  "No"


-------------------------------------------------------------------------------------------------
lead_author                                                                           Lead Author
-------------------------------------------------------------------------------------------------

                  type:  string (str8)

         unique values:  1                              missing "":  0/2

            tabulation:  Freq.  Value
                            2  "Rosen, S"
```

```
            warning:  variable has embedded blanks


--------------------------------------------------------------------------------
ref_year                                                           Reference Year
--------------------------------------------------------------------------------

               type:  numeric (int)

              range:  [2010,2010]                   units:  1
      unique values:  1                        missing .:  0/2

         tabulation:  Freq.  Value
                         2   2010


--------------------------------------------------------------------------------
output_unit2                                                          Output unit
--------------------------------------------------------------------------------

               type:  string (str23)

      unique values:  1                       missing "":  0/2

         tabulation:  Freq.  Value
                         2   "Cost Per Patient Traced"

            warning:  variable has embedded blanks


--------------------------------------------------------------------------------
title                                                                      Title
--------------------------------------------------------------------------------

               type:  string (str159)

      unique values:  1                       missing "":  0/2

         tabulation:  Freq.  Value
                         2   "Cost of using a patient tracer to
                             reduce loss to follow-up and ascertain
                             patient status in a large antiretroviral
                             therapy program in Johannesburg, South
                             Africa"

            warning:  variable has embedded blanks


--------------------------------------------------------------------------------
journal_etc                                                              Journal
--------------------------------------------------------------------------------

               type:  string (str47)

      unique values:  1                       missing "":  0/2

         tabulation:  Freq.  Value
                         2   "Trop Med Int Health. 2010 Jun; 15(s1):
```

```
                                    98104"

                warning:  variable has embedded blanks

-------------------------------------------------------------------------------------
url                                                                              URL
-------------------------------------------------------------------------------------

                   type:  string (str56)

         unique values:  1                          missing "":  0/2

            tabulation:  Freq.  Value
                            2  "<https://www.ncbi.nlm.nih.gov/pmc/artic
                               les/PMC3059411/>."

-------------------------------------------------------------------------------------
iso_name                                                                     Country
-------------------------------------------------------------------------------------

                   type:  string (str14)

         unique values:  1                          missing "":  0/2

            tabulation:  Freq.  Value
                            2  "South Africa"

                warning:  variable has embedded blanks

-------------------------------------------------------------------------------------
location                                                                    Location
-------------------------------------------------------------------------------------

                   type:  string (str12)

         unique values:  1                          missing "":  0/2

            tabulation:  Freq.  Value
                            2  "Johannesburg"

-------------------------------------------------------------------------------------
no_sites                                                                       Sites
-------------------------------------------------------------------------------------

                   type:  numeric (byte)

                  range:  [1,1]                          units:  1
         unique values:  1                          missing .:  0/2

            tabulation:  Freq.  Value
                            2  1

-------------------------------------------------------------------------------------
pop_density                                                                Urbanicity
```

```
              ----------------------------------------------------------------------------------------------

                        type:  string (str5)

              unique values:  1                              missing "":  0/2

                 tabulation:  Freq.  Value
                                 2  "Urban"

              ----------------------------------------------------------------------------------------------
ownership                                                                                          Ownership
              ----------------------------------------------------------------------------------------------

                        type:  string (str6)

              unique values:  1                              missing "":  0/2

                 tabulation:  Freq.  Value
                                 2  "Public"

              ----------------------------------------------------------------------------------------------
platform                                                                                           Platform
              ----------------------------------------------------------------------------------------------

                        type:  string (str15), but longest is str14

              unique values:  1                              missing "":  0/2

                 tabulation:  Freq.  Value
                                 2  "Fixed Facility"

                    warning:  variable has embedded blanks

              ----------------------------------------------------------------------------------------------
facility_cat                                                                              Platform specificity
              ----------------------------------------------------------------------------------------------

                        type:  string (str68), but longest is str29

              unique values:  1                              missing "":  0/2

                 tabulation:  Freq.  Value
                                 2  "Hospital - Primary (District)"

                    warning:  variable has embedded blanks

              ----------------------------------------------------------------------------------------------
id_class                                                                              Intervention Category
              ----------------------------------------------------------------------------------------------

                        type:  string (str13)

              unique values:  1                              missing "":  0/2
```

```
        tabulation:  Freq.  Value
                        2  "Health System"

           warning:  variable has embedded blanks

-------------------------------------------------------------------------------------------
id_int                                                                         Intervention
-------------------------------------------------------------------------------------------

              type:  string (str16)

     unique values:  1                              missing "":  0/2

        tabulation:  Freq.  Value
                        2  "PATIENT TRACKING"

           warning:  variable has embedded blanks

-------------------------------------------------------------------------------------------
int_description_long                                     Intervention Description (Long)
-------------------------------------------------------------------------------------------

              type:  string (str1224)

     unique values:  1                              missing "":  0/2

        tabulation:  Freq.  Value
                        2  "In the role of patient tracer, the
                           researcher was instructed to use all
                           available contact information to locate
                           patients; discuss the patient's
                           situation by phone or in person; and,
                           following pre-established guidelines,
                           assist the patient to return to care.
                           Assistance allowed by the intervention's
                           guidelines included making an
                           appointment at the clinic on the
                           patient's behalf; meeting the patient
                           for the appointment and assisting in the
                           consultation if requested; helping to
                           obtain documentation required to
                           continue treatment; finding and
                           referring the patient to another
                           treatment facility closer to the
                           patient's home or open at different
                           times; helping the patient to disclose
                           his/her HIV or treatment status to
                           family members; providing other
                           information or referrals as requested;
                           and/or providing up to R100
                           (approximately $11) per patient for
                           transport fares to and from the clinic.
                           The intention of providing transport
                           funds was to allow the patient to make
```

```
                         one additional roundtrip visit to the
                         clinic, in the hope that the clinic
                         staff could assist the patient in
                         devising a longer-term solution to the
                         lack of transport funds, such as
                         transferring to a closer facility or
                         applying for a social support grant."

              warning:  variable has embedded blanks

-----------------------------------------------------------------------------------------
clinical_monitoring                                                    Clinical monitoring
-----------------------------------------------------------------------------------------

                 type:  string (str2), but longest is str1

        unique values:  1                         missing "":  0/2

           tabulation:  Freq.  Value
                           2   "."

-----------------------------------------------------------------------------------------
demand_generation                                                      Demand generation
-----------------------------------------------------------------------------------------

                 type:  string (str2), but longest is str1

        unique values:  1                         missing "":  0/2

           tabulation:  Freq.  Value
                           2   "."

-----------------------------------------------------------------------------------------
counseling_content                                                     Counseling content
-----------------------------------------------------------------------------------------

                 type:  string (str2), but longest is str1

        unique values:  1                         missing "":  0/2

           tabulation:  Freq.  Value
                           2   "."

-----------------------------------------------------------------------------------------
staff_type                                                            Staff type & number
-----------------------------------------------------------------------------------------

                 type:  string (str19)

        unique values:  1                         missing "":  0/2

           tabulation:  Freq.  Value
                           2   "Patient Tracker (1)"
```

```
                    warning:  variable has embedded blanks

--------------------------------------------------------------------------------
supportive_care                                                  Supportive care
--------------------------------------------------------------------------------

                type:  string (str2), but longest is str1

       unique values:  1                          missing "":  0/2

          tabulation:  Freq.  Value
                          2   "."

--------------------------------------------------------------------------------
visits                                                      Visit type & number
--------------------------------------------------------------------------------

                type:  string (str2), but longest is str1

       unique values:  1                          missing "":  0/2

          tabulation:  Freq.  Value
                          2   "."

--------------------------------------------------------------------------------
referrals                                                              Referrals
--------------------------------------------------------------------------------

                type:  string (str2), but longest is str1

       unique values:  1                          missing "":  0/2

          tabulation:  Freq.  Value
                          2   "."

--------------------------------------------------------------------------------
method                                                                    Method
--------------------------------------------------------------------------------

                type:  string (str1)

       unique values:  1                          missing "":  0/2

          tabulation:  Freq.  Value
                          2   "."

--------------------------------------------------------------------------------
id_tech                                                               Technology
--------------------------------------------------------------------------------

                type:  string (str27)

       unique values:  1                          missing "":  0/2
```

```
          tabulation:  Freq.  Value
                          2  "Phone-Based Tracking System"

             warning:  variable has embedded blanks


-------------------------------------------------------------------------------------------
treatment_phase                                                          Treatment phase
-------------------------------------------------------------------------------------------

                type:  string (str2), but longest is str1

       unique values:  1                              missing "":  0/2

          tabulation:  Freq.  Value
                          2  "."


-------------------------------------------------------------------------------------------
arv_regimen                                                                  ARV Regimen
-------------------------------------------------------------------------------------------

                type:  string (str2), but longest is str1

       unique values:  1                              missing "":  0/2

          tabulation:  Freq.  Value
                          2  "."


-------------------------------------------------------------------------------------------
treatment                                                                      Treatment
-------------------------------------------------------------------------------------------

                type:  string (str2), but longest is str1

       unique values:  1                              missing "":  0/2

          tabulation:  Freq.  Value
                          2  "."


-------------------------------------------------------------------------------------------
screening_diagnoses                                                 Screening and diagnosis
-------------------------------------------------------------------------------------------

                type:  string (str2), but longest is str1

       unique values:  1                              missing "":  0/2

          tabulation:  Freq.  Value
                          2  "."


-------------------------------------------------------------------------------------------
community_awareness                                                    Community awareness
-------------------------------------------------------------------------------------------

                type:  string (str2), but longest is str1
```

```
         unique values:  1                         missing "":  0/2

            tabulation:  Freq.  Value
                            2   "."

-------------------------------------------------------------------------------------
health_system                                                          health_system
-------------------------------------------------------------------------------------

                  type:  string (str27)

         unique values:  1                         missing "":  0/2

            tabulation:  Freq.  Value
                            2   "phone-based tracking system"

               warning:  variable has embedded blanks

-------------------------------------------------------------------------------------
id_activities                                                        Costed activities
-------------------------------------------------------------------------------------

                  type:  string (str13)

         unique values:  1                         missing "":  0/2

            tabulation:  Freq.  Value
                            2   "Health System"

               warning:  variable has embedded blanks

-------------------------------------------------------------------------------------
start_month                                                              Start Month
-------------------------------------------------------------------------------------

                  type:  numeric (byte)

                 range:  [2,2]                          units:  1
         unique values:  1                         missing .:  0/2

            tabulation:  Freq.  Value
                            2   2

-------------------------------------------------------------------------------------
start_year                                                               Start Year
-------------------------------------------------------------------------------------

                  type:  numeric (int)

                 range:  [2009,2009]                    units:  1
         unique values:  1                         missing .:  0/2

            tabulation:  Freq.  Value
```

```
                            2   2009


----------------------------------------------------------------------------------------
end_month                                                                      End Month
----------------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [6,6]                         units:  1
        unique values:  1                        missing .:  0/2

           tabulation:  Freq.  Value
                            2   6


----------------------------------------------------------------------------------------
end_year                                                                        End Year
----------------------------------------------------------------------------------------

                 type:  numeric (int)

                range:  [2009,2009]                   units:  1
        unique values:  1                        missing .:  0/2

           tabulation:  Freq.  Value
                            2   2009


----------------------------------------------------------------------------------------
period_portrayed                                                            Total Months
----------------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [4,4]                          units:  1
        unique values:  1                        missing .:  0/2

           tabulation:  Freq.  Value
                            2   4
```



```
----------------------------------------------------------------------------------------
year_intro                                                      Year introduced at study site
----------------------------------------------------------------------------------------

                 type:  numeric (int)

                range:  [2009,2009]                   units:  1
        unique values:  1                        missing .:  0/2

           tabulation:  Freq.  Value
                            2   2009


----------------------------------------------------------------------------------------
coverage                                                                        Coverage
----------------------------------------------------------------------------------------
```

```
                    type:  numeric (byte)

                   range:  [.,.]                              units:  .
           unique values:  0                               missing .:  2/2

               tabulation:  Freq.  Value
                              2  .

----------------------------------------------------------------------------------------
id_pop_dem_std                                                  Target group (demographic)
----------------------------------------------------------------------------------------

                    type:  string (str19)

           unique values:  1                              missing "":  0/2

               tabulation:  Freq.  Value
                              2  "General Populations"

                 warning:  variable has embedded blanks


----------------------------------------------------------------------------------------
id_pop_clin_std                                                     Target group (clinical)
----------------------------------------------------------------------------------------

                    type:  string (str12)

           unique values:  1                              missing "":  0/2

               tabulation:  Freq.  Value
                              2  "HIV positive"

                 warning:  variable has embedded blanks


----------------------------------------------------------------------------------------
pop_age                                                                        Average Age
----------------------------------------------------------------------------------------

                    type:  string (str2), but longest is str1

           unique values:  1                              missing "":  0/2

               tabulation:  Freq.  Value
                              2  "."


----------------------------------------------------------------------------------------
pop_sex                                                                             Gender
----------------------------------------------------------------------------------------

                    type:  string (str1)

           unique values:  1                              missing "":  0/2

               tabulation:  Freq.  Value
```

```
                             2  "."

--------------------------------------------------------------------------------
pop_ses                                                                       SES
--------------------------------------------------------------------------------

                    type:  string (str2), but longest is str1

           unique values:  1                      missing "":  0/2

              tabulation:  Freq.  Value
                              2  "."

--------------------------------------------------------------------------------
pop_education                                                            Education
--------------------------------------------------------------------------------

                    type:  string (str2), but longest is str1

           unique values:  1                      missing "":  0/2

              tabulation:  Freq.  Value
                              2  "."

--------------------------------------------------------------------------------
hiv_prev                                                           HIV Prevalence
--------------------------------------------------------------------------------

                    type:  numeric (byte)

                   range:  [.,.]                        units:  .
           unique values:  0                      missing .:  2/2

              tabulation:  Freq.  Value
                              2  .

--------------------------------------------------------------------------------
tb_prev                                                             TB Prevalence
--------------------------------------------------------------------------------

                    type:  string (str2), but longest is str1

           unique values:  1                      missing "":  0/2

              tabulation:  Freq.  Value
                              2  "."

--------------------------------------------------------------------------------
tb_rx_resistance                                              TB Drug Resistance
--------------------------------------------------------------------------------

                    type:  string (str1)

           unique values:  1                      missing "":  0/2
```

```
         tabulation:  Freq.   Value
                         2    "."


-------------------------------------------------------------------------------
costing_purpose                                                  Costing Purpose
-------------------------------------------------------------------------------

               type:  string (str127)

      unique values:  1                        missing "":  0/2

         tabulation:  Freq.   Value
                         2    "To conduct a cost-effectivess analysis
                              of a pilot 'patient tracer' intervention
                              that the site implemented over a 4-month
                              period"

            warning:  variable has embedded blanks


-------------------------------------------------------------------------------
timing                                                                   Timing
-------------------------------------------------------------------------------

               type:  string (str15)

      unique values:  1                        missing "":  0/2

         tabulation:  Freq.   Value
                         2    "Cross-Sectional"

-------------------------------------------------------------------------------
country_sampling                                                Country Sampling
-------------------------------------------------------------------------------

               type:  string (str3), but longest is str1

      unique values:  1                        missing "":  0/2

         tabulation:  Freq.   Value
                         2    "."


-------------------------------------------------------------------------------
geo_sampling_incountry                      Geographic Area In Country Sampling
-------------------------------------------------------------------------------

               type:  string (str3), but longest is str1

      unique values:  1                        missing "":  0/2

         tabulation:  Freq.   Value
                         2    "."


-------------------------------------------------------------------------------
```

```
site_sampling                                                          Site Sampling
-------------------------------------------------------------------------------------

                 type:  string (str14)

        unique values:  1                        missing "":  0/2

           tabulation:  Freq.  Value
                           2   "Entire Program"

              warning:  variable has embedded blanks


-------------------------------------------------------------------------------------
px_sampling                                                         Patient Sampling
-------------------------------------------------------------------------------------

                 type:  string (str6)

        unique values:  1                        missing "":  0/2

           tabulation:  Freq.  Value
                           2   "Random"

-------------------------------------------------------------------------------------
sample_size_derived                                       Sample size formally derived
-------------------------------------------------------------------------------------

                 type:  string (str2)

        unique values:  1                        missing "":  0/2

           tabulation:  Freq.  Value
                           2   "No"


-------------------------------------------------------------------------------------
controls                                                                    Controls
-------------------------------------------------------------------------------------

                 type:  string (str2)

        unique values:  1                        missing "":  0/2

           tabulation:  Freq.  Value
                           2   "No"


-------------------------------------------------------------------------------------
econ_perspective_actual                                                  Perspective
-------------------------------------------------------------------------------------

                 type:  string (str8)

        unique values:  1                        missing "":  0/2

           tabulation:  Freq.  Value
```

```
                          2   "Provider"


--------------------------------------------------------------------------------------
econ_costing                                                       Economic / Financial
--------------------------------------------------------------------------------------

                 type:   string (str14)

         unique values:  1                        missing "":  0/2

            tabulation:  Freq.   Value
                          2   "Financial Only"

               warning:  variable has embedded blanks


--------------------------------------------------------------------------------------
real_world                                                      Real World / Per Protocol
--------------------------------------------------------------------------------------

                 type:   string (str10)

         unique values:  1                        missing "":  0/2

            tabulation:  Freq.   Value
                          2   "Real World"

               warning:  variable has embedded blanks


--------------------------------------------------------------------------------------
asd_costs                                                      Above Service Costs Included
--------------------------------------------------------------------------------------

                 type:   string (str1)

         unique values:  1                        missing "":  0/2

            tabulation:  Freq.   Value
                          2   "."


--------------------------------------------------------------------------------------
list_asd_costs                                                   Above Service Cost List
--------------------------------------------------------------------------------------

                 type:   string (str4)

         unique values:  1                        missing "":  0/2

            tabulation:  Freq.   Value
                          2   "None"


--------------------------------------------------------------------------------------
omitted_costs                                                         Omitted Costs
--------------------------------------------------------------------------------------
```

```
           type:  string (str33)

   unique values:  1                          missing "":  0/2

      tabulation:  Freq.   Value
                       2   "Vehicles/transport, Patient costs"

         warning:  variable has embedded blanks

-------------------------------------------------------------------------------------------
sensitivity_analysis                                                   Sensitivity Analysis
-------------------------------------------------------------------------------------------

           type:  string (str7)

   unique values:  1                          missing "":  0/2

      tabulation:  Freq.   Value
                       2   "Limited"

-------------------------------------------------------------------------------------------
scale                                                                     Economies of scale
-------------------------------------------------------------------------------------------

           type:  string (str9)

   unique values:  1                          missing "":  0/2

      tabulation:  Freq.   Value
                       2   "Discussed"

-------------------------------------------------------------------------------------------
research_costs                                                        Research Costs Included
-------------------------------------------------------------------------------------------

           type:  string (str8)

   unique values:  1                          missing "":  0/2

      tabulation:  Freq.   Value
                       2   "Excluded"

-------------------------------------------------------------------------------------------
unrelated_costs                                                      Unrelated Costs Included
-------------------------------------------------------------------------------------------

           type:  string (str2)

   unique values:  1                          missing "":  0/2

      tabulation:  Freq.   Value
                       2   "No"

-------------------------------------------------------------------------------------------
```

```
overhead                                                        Overhead Costs Included
-------------------------------------------------------------------------------------

              type:  string (str3)

     unique values:  1                                    missing "":  0/2

        tabulation:  Freq.  Value
                        2  "Yes"

-------------------------------------------------------------------------------------
overhead_costs                                                      Overhead Costs List
-------------------------------------------------------------------------------------

              type:  string (str55)

     unique values:  1                                    missing "":  0/2

        tabulation:  Freq.  Value
                        2  "Office Expenses And Service,
                           Communication And Supplies"

           warning:  variable has embedded blanks

-------------------------------------------------------------------------------------
pot_distortions                                                      Potential distortions
-------------------------------------------------------------------------------------

              type:  string (str2), but longest is str1

     unique values:  1                                    missing "":  0/2

        tabulation:  Freq.  Value
                        2  "."

-------------------------------------------------------------------------------------
volunteer_time                                                     Valuing Volunteer Time
-------------------------------------------------------------------------------------

              type:  string (str3), but longest is str1

     unique values:  1                                    missing "":  0/2

        tabulation:  Freq.  Value
                        2  "."

-------------------------------------------------------------------------------------
family_time                                                         Valuing Family Time
-------------------------------------------------------------------------------------

              type:  string (str3), but longest is str1

     unique values:  1                                    missing "":  0/2
```

```
          tabulation:  Freq.  Value
                          2   "."


-----------------------------------------------------------------------------------------
px_costs_measured                                     Patient-Incurred Costs Measured
-----------------------------------------------------------------------------------------

                type:  string (str12)

       unique values:  1                         missing "":  0/2

          tabulation:  Freq.  Value
                          2   "Not Included"

             warning:  variable has embedded blanks


-----------------------------------------------------------------------------------------
cat_cost                                                   Catastrophic Cost Calculated
-----------------------------------------------------------------------------------------

                type:  string (str4)

       unique values:  1                         missing "":  0/2

          tabulation:  Freq.  Value
                          2   "None"


-----------------------------------------------------------------------------------------
currency_yr                                                    Reported Currency Year
-----------------------------------------------------------------------------------------

                type:  numeric (int)

               range:  [2009,2009]                    units:  1
       unique values:  1                         missing .:  0/2

          tabulation:  Freq.  Value
                          2   2009


-----------------------------------------------------------------------------------------
iso_code                                                           Reported Currency
-----------------------------------------------------------------------------------------

                type:  string (str3)

       unique values:  1                         missing "":  0/2

          tabulation:  Freq.  Value
                          2   "USD"


-----------------------------------------------------------------------------------------
currency_iso                                              Currency of Data Collection
-----------------------------------------------------------------------------------------
```

```
                     type:  string (str3)

         unique values:  1                            missing "":  0/2

            tabulation:  Freq.  Value
                            2  "ZAR"

--------------------------------------------------------------------------------
currency_x                                          Currency Exchange Method
--------------------------------------------------------------------------------

                     type:  string (str11)

         unique values:  1                            missing "":  0/2

            tabulation:  Freq.  Value
                            2  "Market Only"

               warning:  variable has embedded blanks

--------------------------------------------------------------------------------
current_x_rate                                        Currency Exchange Rate
--------------------------------------------------------------------------------

                     type:  numeric (double)

                 range:  [9.36,9.36]                     units:  1
         unique values:  1                            missing .:  0/2

            tabulation:  Freq.  Value
                            2  9.36

--------------------------------------------------------------------------------
discount_rate                                                    Discount Rate
--------------------------------------------------------------------------------

                     type:  numeric (byte)

                 range:  [.,.]                           units:  .
         unique values:  0                            missing .:  2/2

            tabulation:  Freq.  Value
                            2  .

--------------------------------------------------------------------------------
inflation                                                       Inflation rate
--------------------------------------------------------------------------------

                     type:  string (str2), but longest is str1

         unique values:  1                            missing "":  0/2

            tabulation:  Freq.  Value
                            2  "."
```

```
--------------------------------------------------------------------------------------------------
mean_cost                                                                            Mean Unit Cost
--------------------------------------------------------------------------------------------------

                  type:  numeric (double)

                 range:  [77.322704,120.27357]          units:  1.000e-06
         unique values:  2                            missing .:  0/2

            tabulation:  Freq.  Value
                             1   77.322704
                             1   120.27357


--------------------------------------------------------------------------------------------------
si_personnel                                                                          Personnel (SI)
--------------------------------------------------------------------------------------------------

                  type:  numeric (double)

                 range:  [58.82765,101.77852]           units:  .00001
         unique values:  2                            missing .:  0/2

            tabulation:  Freq.  Value
                             1   58.827648
                             1   101.77852


--------------------------------------------------------------------------------------------------
si_per_service_delivery                             Personnel: Direct Service Delivery (SI)
--------------------------------------------------------------------------------------------------

                  type:  numeric (double)

                 range:  [58.82765,101.77852]           units:  .00001
         unique values:  2                            missing .:  0/2

            tabulation:  Freq.  Value
                             1   58.827648
                             1   101.77852


--------------------------------------------------------------------------------------------------
si_per_support                                                              Personnel: Support (SI)
--------------------------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [.,.]                          units:  .
         unique values:  0                            missing .:  2/2

            tabulation:  Freq.  Value
                             2   .


--------------------------------------------------------------------------------------------------
si_per_mixed_unspec                                          Personnel: Mixed Unspecified (SI)
```

```
------------------------------------------------------------------------------------------
                      type:  numeric (float)

                     range:  [.,.]                        units:  .
            unique values:  0                        missing .:  2/2

               tabulation:  Freq.  Value
                               2   .

------------------------------------------------------------------------------------------
si_recurrent                                                         Recurrent Goods (SI)
------------------------------------------------------------------------------------------

                      type:  numeric (double)

                     range:  [18.495056,18.495056]       units:  1
            unique values:  1                        missing .:  0/2

               tabulation:  Freq.  Value
                               2   18.495056

------------------------------------------------------------------------------------------
si_rec_key_drugs                                        Recurring: Supplies (key drugs) (SI)
------------------------------------------------------------------------------------------

                      type:  numeric (float)

                     range:  [.,.]                        units:  .
            unique values:  0                        missing .:  2/2

               tabulation:  Freq.  Value
                               2   .

------------------------------------------------------------------------------------------
si_rec_med_int_supplies              Recurring: Medical Supplies (excluding drugs) (SI)
------------------------------------------------------------------------------------------

                      type:  numeric (float)

                     range:  [.,.]                        units:  .
            unique values:  0                        missing .:  2/2

               tabulation:  Freq.  Value
                               2   .

------------------------------------------------------------------------------------------
si_rec_nonmed_int_supplies                         Recurring: Non-medical Supplies (SI)
------------------------------------------------------------------------------------------

                      type:  numeric (double)

                     range:  [18.160808,18.160808]       units:  1
            unique values:  1                        missing .:  0/2
```

```
          tabulation:  Freq.   Value
                          2   18.160808


-------------------------------------------------------------------------------------
si_rec_building_space                               Recurring: Building Space (SI)
-------------------------------------------------------------------------------------

                type:  numeric (float)

               range:  [.,.]                        units:  .
       unique values:  0                        missing .:  2/2

          tabulation:  Freq.   Value
                          2   .


-------------------------------------------------------------------------------------
si_rec_mixed                                               Recurring: Mixed (SI)
-------------------------------------------------------------------------------------

                type:  numeric (float)

               range:  [.,.]                        units:  .
       unique values:  0                        missing .:  2/2

          tabulation:  Freq.   Value
                          2   .


-------------------------------------------------------------------------------------
si_rec_other                                               Recurring: Other (SI)
-------------------------------------------------------------------------------------

                type:  numeric (double)

               range:  [.33424801,.33424801]        units:  1
       unique values:  1                        missing .:  0/2

          tabulation:  Freq.   Value
                          2   .33424801


-------------------------------------------------------------------------------------
si_capital                                                        Capital (SI)
-------------------------------------------------------------------------------------

                type:  numeric (float)

               range:  [.,.]                        units:  .
       unique values:  0                        missing .:  2/2

          tabulation:  Freq.   Value
                          2   .


-------------------------------------------------------------------------------------
si_cap_med_equip                                   Capital: Equipment (medical) (SI)
```

```
--------------------------------------------------------------------------------
                  type:  numeric (float)

                 range:  [.,.]                          units:  .
         unique values:  0                           missing .:  2/2

            tabulation:  Freq.  Value
                            2   .

--------------------------------------------------------------------------------
si_cap_nonmed_equip                            Capital: Equipment (non-medical) (SI)
--------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [.,.]                          units:  .
         unique values:  0                           missing .:  2/2

            tabulation:  Freq.  Value
                            2   .

--------------------------------------------------------------------------------
si_cap_building_space                              Capital: Building Space (SI)
--------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [.,.]                          units:  .
         unique values:  0                           missing .:  2/2

            tabulation:  Freq.  Value
                            2   .

--------------------------------------------------------------------------------
si_cap_vehicles                                       Capital: Vehicles (SI)
--------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [.,.]                          units:  .
         unique values:  0                           missing .:  2/2

            tabulation:  Freq.  Value
                            2   .

--------------------------------------------------------------------------------
si_cap_mixed                                             Capital: Mixed (SI)
--------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [.,.]                          units:  .
         unique values:  0                           missing .:  2/2
```

```
           tabulation:  Freq.   Value
                           2      .

-------------------------------------------------------------------------------------
si_cap_other                                                         Capital: Other (SI)
-------------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [.,.]                      units:   .
        unique values:  0                   missing .:  2/2

           tabulation:  Freq.   Value
                           2      .

-------------------------------------------------------------------------------------
si_mixed                                                                      Mixed (SI)
-------------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [.,.]                      units:   .
        unique values:  0                   missing .:  2/2

           tabulation:  Freq.   Value
                           2      .

-------------------------------------------------------------------------------------
si_unspecified                                                           Unspecified (SI)
-------------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [.,.]                      units:   .
        unique values:  0                   missing .:  2/2

           tabulation:  Freq.   Value
                           2      .

-------------------------------------------------------------------------------------
a_primary_sd                                                    Primary Service Delivery (A)
-------------------------------------------------------------------------------------

                 type:  numeric (double)

                range:  [58.82765,101.77852]       units:  .00001
        unique values:  2                   missing .:  0/2

           tabulation:  Freq.   Value
                           1   58.827648
                           1   101.77852

-------------------------------------------------------------------------------------
```

```
a_prisd_unspecified                                              Primary SD: Unspecified (A)
--------------------------------------------------------------------------------------------

                     type:  numeric (double)

                    range:  [58.82765,101.77852]          units:  .00001
            unique values:  2                         missing .:  0/2

               tabulation:  Freq.  Value
                               1   58.827648
                               1   101.77852

--------------------------------------------------------------------------------------------
a_prisd_unspec_counseling                              Primary SD: Counseling unspecified (A)
--------------------------------------------------------------------------------------------

                     type:  numeric (float)

                    range:  [.,.]                          units:  .
            unique values:  0                          missing .:  2/2

               tabulation:  Freq.  Value
                               2   .

--------------------------------------------------------------------------------------------
a_prisd_post_test_counseling                           Primary SD: Post-test counseling (A)
--------------------------------------------------------------------------------------------

                     type:  numeric (float)

                    range:  [.,.]                          units:  .
            unique values:  0                          missing .:  2/2

               tabulation:  Freq.  Value
                               2   .

--------------------------------------------------------------------------------------------
a_prisd_lab_services                                         Primary SD: Lab services (A)
--------------------------------------------------------------------------------------------

                     type:  numeric (float)

                    range:  [.,.]                          units:  .
            unique values:  0                          missing .:  2/2

               tabulation:  Freq.  Value
                               2   .

--------------------------------------------------------------------------------------------
a_prisd_htc_service_delivery                           Primary SD: HTC service delivery (A)
--------------------------------------------------------------------------------------------

                     type:  numeric (float)
```

```
              range:  [.,.]                          units:  .
      unique values:  0                          missing .:  2/2

        tabulation:  Freq.  Value
                        2    .

-----------------------------------------------------------------------------------------
a_prisd_hiv_rapid_test                             Primary SD: HIV rapid testing (A)
-----------------------------------------------------------------------------------------

               type:  numeric (float)

              range:  [.,.]                          units:  .
      unique values:  0                          missing .:  2/2

        tabulation:  Freq.  Value
                        2    .

-----------------------------------------------------------------------------------------
a_prisd_arv_delivery                                      Primary SD: ARV delivery
-----------------------------------------------------------------------------------------

               type:  numeric (float)

              range:  [.,.]                          units:  .
      unique values:  0                          missing .:  2/2

        tabulation:  Freq.  Value
                        2    .

-----------------------------------------------------------------------------------------
a_secondary_sd                                          Secondary Service Delivery (A)
-----------------------------------------------------------------------------------------

               type:  numeric (float)

              range:  [.,.]                          units:  .
      unique values:  0                          missing .:  2/2

        tabulation:  Freq.  Value
                        2    .

-----------------------------------------------------------------------------------------
a_ancillary                                                         Ancillary (A)
-----------------------------------------------------------------------------------------

               type:  numeric (float)

              range:  [.,.]                          units:  .
      unique values:  0                          missing .:  2/2

        tabulation:  Freq.  Value
                        2    .
```

```
--------------------------------------------------------------------------------
a_anc_demand_generation                               Ancillary: Demand generation (A)
--------------------------------------------------------------------------------

                        type:  numeric (float)

                       range:  [.,.]                        units:  .
               unique values:  0                        missing .:  2/2

                   tabulation:  Freq.  Value
                                   2   .

--------------------------------------------------------------------------------
a_anc_lab_services                                        Ancillary: Lab Services (A)
--------------------------------------------------------------------------------

                        type:  numeric (float)

                       range:  [.,.]                        units:  .
               unique values:  0                        missing .:  2/2

                   tabulation:  Freq.  Value
                                   2   .

--------------------------------------------------------------------------------
a_anc_adhreten                                     Ancillary: Adherence/Retention (A)
--------------------------------------------------------------------------------

                        type:  numeric (float)

                       range:  [.,.]                        units:  .
               unique values:  0                        missing .:  2/2

                   tabulation:  Freq.  Value
                                   2   .

--------------------------------------------------------------------------------
a_anc_bldg_equip                                     Ancillary: Building equipment (A)
--------------------------------------------------------------------------------

                        type:  numeric (float)

                       range:  [.,.]                        units:  .
               unique values:  0                        missing .:  2/2

                   tabulation:  Freq.  Value
                                   2   .

--------------------------------------------------------------------------------
a_anc_unspecified                                         Ancillary: Unspecified (A)
--------------------------------------------------------------------------------

                        type:  numeric (float)
```

```
            range:  [.,.]                         units:  .
    unique values:  0                         missing .:  2/2

       tabulation:  Freq.  Value
                       2   .

--------------------------------------------------------------------------------
a_operational                                              Operational (A)
--------------------------------------------------------------------------------

             type:  numeric (double)

            range:  [18.495056,18.495056]       units:  1
    unique values:  1                         missing .:  0/2

       tabulation:  Freq.  Value
                       2   18.495056

--------------------------------------------------------------------------------
a_ope_bldg_equip                          Operational: Buildings and Equipment (A)
--------------------------------------------------------------------------------

             type:  numeric (float)

            range:  [.,.]                         units:  .
    unique values:  0                         missing .:  2/2

       tabulation:  Freq.  Value
                       2   .

--------------------------------------------------------------------------------
a_ope_logistics                                   Operational: Logistics (A)
--------------------------------------------------------------------------------

             type:  numeric (float)

            range:  [.,.]                         units:  .
    unique values:  0                         missing .:  2/2

       tabulation:  Freq.  Value
                       2   .

--------------------------------------------------------------------------------
a_ope_program_mgmt                         Operational: Program Management (A)
--------------------------------------------------------------------------------

             type:  numeric (float)

            range:  [.,.]                         units:  .
    unique values:  0                         missing .:  2/2

       tabulation:  Freq.  Value
                       2   .
```

```
--------------------------------------------------------------------------------------------
a_ope_supervision                                             Operational: Supervision (A)
--------------------------------------------------------------------------------------------

                        type:  numeric (float)

                       range:  [.,.]                        units:  .
              unique values:  0                        missing .:  2/2

                  tabulation:  Freq.  Value
                                  2   .


--------------------------------------------------------------------------------------------
a_ope_training                                                  Operational: Training (A)
--------------------------------------------------------------------------------------------

                        type:  numeric (float)

                       range:  [.,.]                        units:  .
              unique values:  0                        missing .:  2/2

                  tabulation:  Freq.  Value
                                  2   .


--------------------------------------------------------------------------------------------
a_ope_transportation                                       Operational: Transportation (A)
--------------------------------------------------------------------------------------------

                        type:  numeric (double)

                       range:  [.33424801,.33424801]        units:  1
              unique values:  1                        missing .:  0/2

                  tabulation:  Freq.  Value
                                  2   .33424801


--------------------------------------------------------------------------------------------
a_ope_massed                                              Operational: Mass Education (A)
--------------------------------------------------------------------------------------------

                        type:  numeric (float)

                       range:  [.,.]                        units:  .
              unique values:  0                        missing .:  2/2

                  tabulation:  Freq.  Value
                                  2   .


--------------------------------------------------------------------------------------------
a_ope_hmis                                        Operational: HMIS and Record-Keeping (A)
--------------------------------------------------------------------------------------------

                        type:  numeric (float)
```

```
            range:  [.,.]                        units:  .
    unique values:  0                       missing .:  2/2

      tabulation:  Freq.  Value
                     2   .

------------------------------------------------------------------------------------------
a_ope_unspecified                                          Operational: Unspecified (A)
------------------------------------------------------------------------------------------

            type:  numeric (double)

            range:  [18.160808,18.160808]       units:  1
    unique values:  1                       missing .:  0/2

      tabulation:  Freq.  Value
                     2   18.160808

------------------------------------------------------------------------------------------
a_mixed                                                                       Mixed (A)
------------------------------------------------------------------------------------------

            type:  numeric (float)

            range:  [.,.]                        units:  .
    unique values:  0                       missing .:  2/2

      tabulation:  Freq.  Value
                     2   .

------------------------------------------------------------------------------------------
a_mix_bldg_equip                                          Mixed: Building Equipment (A)
------------------------------------------------------------------------------------------

            type:  numeric (float)

            range:  [.,.]                        units:  .
    unique values:  0                       missing .:  2/2

      tabulation:  Freq.  Value
                     2   .

------------------------------------------------------------------------------------------
a_unspecified                                                           Unspecified (A)
------------------------------------------------------------------------------------------

            type:  numeric (float)

            range:  [.,.]                        units:  .
    unique values:  0                       missing .:  2/2

      tabulation:  Freq.  Value
                     2   .
```