PrEP Data Validation Exercise before Entry into UCSR

Lily Alexander

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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 "":  0/13

            tabulation:  Freq.   Value
                            13   "HIV"

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

                  type:  string (str3), but longest is str2

         unique values:  1                            missing "":  0/13

            tabulation:  Freq.   Value
                            13   "No"

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

                  type:  string (str7)

         unique values:  1                            missing "":  0/13

            tabulation:  Freq.   Value
                            13   "Ying, R"
```

```
            warning:  variable has embedded blanks


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

                type:  numeric (int)

               range:  [2015,2015]                    units:  1
       unique values:  1                          missing .:  0/13

          tabulation:  Freq.  Value
                         13   2015


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

                type:  string (str20)

       unique values:  1                         missing "":  0/13

          tabulation:  Freq.  Value
                         13   "Cost Per Couple-Year"

            warning:  variable has embedded blanks


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

                type:  string (str143)

       unique values:  1                         missing "":  0/13

          tabulation:  Freq.  Value
                         13   "Cost-effectiveness of pre-exposure
                              prophylaxis targeted to high-risk
                              serodiscordant couples as a bridge to
                              sustained ART use in Kampala, Uganda"

            warning:  variable has embedded blanks


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

                type:  string (str41)

       unique values:  1                         missing "":  0/13

          tabulation:  Freq.  Value
                         13   "J Int AIDS Soc. 2015; 18(4Suppl 3):
                              20013"
```

warning: variable has embedded blanks

----
url   URL
----

                       type: string (str56)

            unique values: 1   missing "":   0/13

               tabulation: Freq.   Value
                                13   "<https://www.ncbi.nlm.nih.gov/pmc/artic
                                     les/PMC4509901/>."

----
iso_name   Country
----

                       type: string (str8)

            unique values: 1   missing "":   0/13

               tabulation: Freq.   Value
                                13   "Uganda"

----
location   Location
----

                       type: string (str23)

            unique values: 1   missing "":   0/13

               tabulation: Freq.   Value
                                13   "Kasangati Health Centre"

                    warning: variable has embedded blanks

----
no_sites   Sites
----

                       type: numeric (byte)

                      range: [1,1]   units: 1
            unique values: 1   missing .:   0/13

               tabulation: Freq.   Value
                                13   1

----
pop_density   Urbanicity

```
                type:  string (str10)

       unique values:  1                          missing "":  0/13

          tabulation:  Freq.  Value
                         13  "Peri-Urban"

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

                type:  string (str6)

       unique values:  1                          missing "":  0/13

          tabulation:  Freq.  Value
                         13  "Public"

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

                type:  string (str15), but longest is str14

       unique values:  1                          missing "":  0/13

          tabulation:  Freq.  Value
                         13  "Fixed Facility"

             warning:  variable has embedded blanks

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

                type:  string (str68), but longest is str28

       unique values:  1                          missing "":  0/13

          tabulation:  Freq.  Value
                         13  "Hospital - Level Unspecified"

             warning:  variable has embedded blanks

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

                type:  string (str10)

       unique values:  1                          missing "":  0/13

          tabulation:  Freq.  Value
```

```
                          13  "Prevention"


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

                type:  string (str31)

       unique values:  1                            missing "":  0/13

          tabulation:  Freq.  Value
                          13  "PRE-EXPOSURE PROPHYLAXIS (PREP)"

             warning:  variable has embedded blanks


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

                type:  string (str263)

       unique values:  1                            missing "":  0/13

          tabulation:  Freq.  Value
                          13  "Standard care for HIV positive partner
                              included: sexual behavior counseling,
                              ART provision, adherence counseling,
                              viral load monitoring. PrEP care for HIV
                              negative partner included: HIV
                              counseling & testing, drug provision,
                              serum creatinine tests, pregnancy tests"

             warning:  variable has embedded blanks


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

                type:  string (str31)

       unique values:  1                            missing "":  0/13

          tabulation:  Freq.  Value
                          13  "Vl Monitoring, Serum Creatinine"

             warning:  variable has embedded blanks


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

                type:  string (str2), but longest is str1

       unique values:  1                            missing "":  0/13
```

```
          tabulation:  Freq.  Value
                          13   "."

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

                type:  string (str64)

       unique values:  1                        missing "":  0/13

          tabulation:  Freq.  Value
                          13   "Sexual Behavior Counseling, Adherence
                               Counseling, Hiv Counseling"

             warning:  variable has embedded blanks

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

                type:  string (str36)

       unique values:  1                        missing "":  0/13

          tabulation:  Freq.  Value
                          13   "Nurse Counselors (4), Clinicians (2)"

             warning:  variable has embedded blanks

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

                type:  string (str2), but longest is str1

       unique values:  1                        missing "":  0/13

          tabulation:  Freq.  Value
                          13   "."

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

                type:  string (str45)

       unique values:  1                        missing "":  0/13

          tabulation:  Freq.  Value
                          13   "Screening (7), Enrollment (5),
                               Follow-Up (18)"
```

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```
                    warning:  variable has embedded blanks


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

                       type:  string (str2), but longest is str1

              unique values:  1                        missing "":  0/13

                 tabulation:  Freq.  Value
                                13   "."


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

                       type:  string (str10)

              unique values:  1                        missing "":  0/13

                 tabulation:  Freq.  Value
                                13   "Rapid Test"

                    warning:  variable has embedded blanks


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

                       type:  string (str16)

              unique values:  1                        missing "":  0/13

                 tabulation:  Freq.  Value
                                13   "First Line, Prep"

                    warning:  variable has embedded blanks


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

                       type:  string (str10)

              unique values:  1                        missing "":  0/13

                 tabulation:  Freq.  Value
                                13   "initiation"


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

```
              type:  string (str11)

      unique values:  1                          missing "":  0/13

         tabulation:  Freq.  Value
                         13  "FTC+TDF+EFV"
```

----
treatment   Treatment

```
              type:  string (str7)

      unique values:  1                          missing "":  0/13

         tabulation:  Freq.  Value
                         13  "FTC+TDF"
```


----
screening_diagnoses   Screening and diagnosis

```
              type:  string (str30)

      unique values:  1                          missing "":  0/13

         tabulation:  Freq.  Value
                         13  "HIV testing, Pregnancy testing"

            warning:  variable has embedded blanks
```

----
community_awareness   Community awareness

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

      unique values:  1                          missing "":  0/13

         tabulation:  Freq.  Value
                         13  "."
```

----
health_system   Health system

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

      unique values:  1                          missing "":  0/13

         tabulation:  Freq.  Value
                         13  "."
```

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

              type:  string (str86)

      unique values:  1                           missing "":  0/13

        tabulation:  Freq.  Value
                       13  "Clinical Monitoring; Counseling
                           Content; Arv Regimen; Screening &
                           Diagnoses; Treatment"

           warning:  variable has embedded blanks

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

              type:  numeric (byte)

             range:  [.,.]                         units:  .
      unique values:  0                           missing .:  13/13

        tabulation:  Freq.  Value
                       13  .

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

              type:  string (str2), but longest is str1

      unique values:  1                           missing "":  0/13

        tabulation:  Freq.  Value
                       13  "."

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

              type:  numeric (byte)

             range:  [.,.]                         units:  .
      unique values:  0                           missing .:  13/13

        tabulation:  Freq.  Value
                       13  .

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

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

```
        unique values:  1                          missing "":  0/13

           tabulation:  Freq.  Value
                          13   "."

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

                 type:  string (str2)

        unique values:  1                          missing "":  0/13

           tabulation:  Freq.  Value
                          13   "12"

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

                 type:  numeric (byte)

                range:  [.,.]                          units:  .
        unique values:  0                          missing .:  13/13

           tabulation:  Freq.  Value
                          13   .

----------------------------------------------------------------------------------------
coverage                                                                    Coverage
----------------------------------------------------------------------------------------

                 type:  numeric (byte)

                range:  [.,.]                          units:  .
        unique values:  0                          missing .:  13/13

           tabulation:  Freq.  Value
                          13   .

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

                 type:  string (str23)

        unique values:  1                          missing "":  0/13

           tabulation:  Freq.  Value
                          13   "Sero-discordant Couples"

              warning:  variable has embedded blanks
```

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

                    type:  string (str22)

           unique values:  1                         missing "":  0/13

               tabulation:  Freq.  Value
                             13  "serodiscordant couples"  💬

                 warning:  variable has embedded blanks


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

                    type:  numeric (byte)

                   range:  [30,30]                        units:  1
           unique values:  1                         missing .:  0/13

               tabulation:  Freq.  Value
                             13  30


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

                    type:  string (str1)

           unique values:  1                         missing "":  0/13

               tabulation:  Freq.  Value
                             13  "."


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

                    type:  string (str2), but longest is str1

           unique values:  1                         missing "":  0/13

               tabulation:  Freq.  Value
                             13  "."


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

                    type:  string (str2), but longest is str1

           unique values:  1                         missing "":  0/13
```

```
               tabulation:  Freq.  Value
                              13   "."


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

                     type:  numeric (double)

                    range:  [.5,.5]                    units:  1
            unique values:  1                        missing .:  0/13

               tabulation:  Freq.  Value
                              13   .5


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

                     type:  string (str2), but longest is str1

            unique values:  1                        missing "":  0/13

               tabulation:  Freq.  Value
                              13   "."


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

                     type:  string (str1)

            unique values:  1                        missing "":  0/13

               tabulation:  Freq.  Value
                              13   "."


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

                     type:  string (str145)

            unique values:  1                        missing "":  0/13

               tabulation:  Freq.  Value
                              13   "To assess the feasibility of
                                   antiretroviral-based interventions (ART
                                   and PrEP) to prevent HIV transmission
                                   among high-risk serodiscordant couples"

                  warning:  variable has embedded blanks
```

```
--------------------------------------------------------------------------------
timing                                                                    Timing
--------------------------------------------------------------------------------

                 type:  string (str15)

        unique values:  1                      missing "":  0/13

           tabulation:  Freq.  Value
                          13  "Cross-Sectional"

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

                 type:  string (str3), but longest is str1

        unique values:  1                      missing "":  0/13

           tabulation:  Freq.  Value
                          13  "."

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

                 type:  string (str1)

        unique values:  1                      missing "":  0/13

           tabulation:  Freq.  Value
                          13  "."

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

                 type:  string (str1)

        unique values:  1                      missing "":  0/13

           tabulation:  Freq.  Value
                          13  "."

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

                 type:  string (str14)

        unique values:  1                      missing "":  0/13

           tabulation:  Freq.  Value
                          13  "Entire Program"
```

```
                 warning:  variable has embedded blanks


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

                    type:  string (str2)

          unique values:  1                         missing "":  0/13

             tabulation:  Freq.  Value
                            13  "No"


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

                    type:  string (str2)

          unique values:  1                         missing "":  0/13

             tabulation:  Freq.  Value
                            13  "No"


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

                    type:  string (str8)

          unique values:  1                         missing "":  0/13

             tabulation:  Freq.  Value
                            13  "Provider"


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

                    type:  string (str8)

          unique values:  1                         missing "":  0/13

             tabulation:  Freq.  Value
                            13  "Economic"


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

                    type:  string (str10)

          unique values:  1                         missing "":  0/13
```

```
        tabulation:  Freq.  Value
                        13  "Real World"

          warning:  variable has embedded blanks


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

             type:  string (str17)

    unique values:  1                         missing "":  0/13

        tabulation:  Freq.  Value
                        13  "No Costs Included"

          warning:  variable has embedded blanks


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

             type:  string (str4)

    unique values:  1                         missing "":  0/13

        tabulation:  Freq.  Value
                        13  "None"


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

             type:  string (str13)

    unique values:  1                         missing "":  0/13

        tabulation:  Freq.  Value
                        13  "Patient costs"

          warning:  variable has embedded blanks


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

             type:  string (str13)

    unique values:  1                         missing "":  0/13

        tabulation:  Freq.  Value
                        13  "Comprehensive"
```

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

                    type:  string (str7)

          unique values:  1                      missing "":  0/13

             tabulation:  Freq.  Value
                            13   "Ignored"

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

                    type:  string (str8)

          unique values:  1                      missing "":  0/13

             tabulation:  Freq.  Value
                            13   "Excluded"

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

                    type:  string (str2)

          unique values:  1                      missing "":  0/13

             tabulation:  Freq.  Value
                            13   "No"

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

                    type:  string (str3)

          unique values:  1                      missing "":  0/13

             tabulation:  Freq.  Value
                            13   "Yes"

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

                    type:  string (str50)

          unique values:  1                      missing "":  0/13

             tabulation:  Freq.  Value
                            13   "Start-Up, Transportation, Fuel,
```

Building, Vehicles"

----
pot_distortions   Potential distortions
----

            type: string (str2), but longest is str1

   unique values: 1   missing "": 0/13

      tabulation: Freq. Value
                      13 "."

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

            type: string (str1)

   unique values: 1   missing "": 0/13

      tabulation: Freq. Value
                      13 "."

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

            type: string (str1)

   unique values: 1   missing "": 0/13

      tabulation: Freq. Value
                      13 "."

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

            type: string (str12)

   unique values: 1   missing "": 0/13

      tabulation: Freq. Value
                      13 "Not Included"

         warning: variable has embedded blanks

----
cat_cost   Catastrophic Cost Calculated

```
                     type:  string (str2)

           unique values:  1                        missing "":  0/13

              tabulation:  Freq.  Value
                             13  "No"

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

                     type:  numeric (int)

                    range:  [2012,2012]                   units:  1
           unique values:  1                        missing .:  0/13

              tabulation:  Freq.  Value
                             13   2012

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

                     type:  string (str3)

           unique values:  1                        missing "":  0/13

              tabulation:  Freq.  Value
                             13  "USD"

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

                     type:  string (str3)

           unique values:  2                        missing "":  0/13

              tabulation:  Freq.  Value
                             12  "."
                              1  "UGX"

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

                     type:  string (str11)

           unique values:  1                        missing "":  0/13

              tabulation:  Freq.  Value
                             13  "Market Only"

                  warning:  variable has embedded blanks
```

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

                 type:  string (str2), but longest is str1

       unique values:  1                          missing "":  0/13

          tabulation:  Freq.  Value
                         13   "."

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

                 type:  numeric (byte)

                range:  [3,3]                          units:  1
       unique values:  1                          missing .:  0/13

          tabulation:  Freq.  Value
                         13   3

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

                 type:  string (str2), but longest is str1

       unique values:  1                          missing "":  0/13

          tabulation:  Freq.  Value
                         13   "."

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

                 type:  numeric (double)

                range:  [97.423084,1120.3655]        units:  1.000e-06
       unique values:  13                          missing .:  0/13

                 mean:  521.979
            std. dev:  316.055

         percentiles:        10%       25%       50%       75%       90%
                         106.954    382.28   479.703   672.431   1064.24

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

```
              type:  numeric (double)

             range:  [47.52552,47.52552]          units:  .00001
     unique values:  1                         missing .:  12/13

         tabulation:  Freq.  Value
                        1  47.52552
                       12  .

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

              type:  numeric (float)

             range:  [.,.]                        units:  .
     unique values:  0                         missing .:  13/13

         tabulation:  Freq.  Value
                       13  .

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

              type:  numeric (float)

             range:  [.,.]                        units:  .
     unique values:  0                         missing .:  13/13

         tabulation:  Freq.  Value
                       13  .

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

              type:  numeric (double)

             range:  [47.52552,47.52552]          units:  .00001
     unique values:  1                         missing .:  12/13

         tabulation:  Freq.  Value
                        1  47.52552
                       12  .

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

              type:  numeric (double)

             range:  [371.56316,371.56316]        units:  .00001
     unique values:  1                         missing .:  12/13
```

```
       tabulation:  Freq.  Value
                        1  371.56316
                       12  .

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

             type:  numeric (double)

            range:  [159.85857,159.85857]      units:  .00001
    unique values:  1                          missing .:  12/13

       tabulation:  Freq.  Value
                        1  159.85857
                       12  .

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

             type:  numeric (double)

            range:  [12.961506,12.961506]      units:  1.000e-06
    unique values:  1                          missing .:  12/13

       tabulation:  Freq.  Value
                        1  12.961506
                       12  .

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

             type:  numeric (float)

            range:  [.,.]                          units:  .
    unique values:  0                          missing .:  13/13

       tabulation:  Freq.  Value
                       13  .

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

             type:  numeric (float)

            range:  [.,.]                          units:  .
    unique values:  0                          missing .:  13/13

       tabulation:  Freq.  Value
                       13  .
```

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

                   type:  numeric (double)

                  range:  [198.74309,198.74309]        units:  .00001
          unique values:  1                        missing .:  12/13

             tabulation:  Freq.   Value
                             1   198.74309
                            12    .


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

                   type:  numeric (double)

                  range:  [8.641004,8.641004]          units:  1.000e-06
          unique values:  1                        missing .:  12/13

             tabulation:  Freq.   Value
                             1   8.6410036
                            12    .


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

                   type:  numeric (float)

                  range:  [.,.]                         units:  .
          unique values:  0                        missing .:  13/13

             tabulation:  Freq.   Value
                            13    .


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

                   type:  numeric (float)

                  range:  [.,.]                         units:  .
          unique values:  0                        missing .:  13/13

             tabulation:  Freq.   Value
                            13    .


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

```
                   type:  numeric (float)

                  range:  [.,.]                          units:   .
          unique values:  0                     missing .:   13/13

             tabulation:  Freq.  Value
                            13   .

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

                   type:  numeric (float)

                  range:  [.,.]                          units:   .
          unique values:  0                     missing .:   13/13

             tabulation:  Freq.  Value
                            13   .

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

                   type:  numeric (double)

                  range:  [8.641004,8.641004]      units:   1.000e-06
          unique values:  1                     missing .:   12/13

             tabulation:  Freq.  Value
                             1   8.6410036
                            12   .

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

                   type:  numeric (double)

                  range:  [692.63575,692.63575]     units:   .00001
          unique values:  1                     missing .:   12/13

             tabulation:  Freq.  Value
                             1   692.63575
                            12   .

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

                   type:  numeric (double)

                  range:  [895.69933,895.69933]     units:   .00001
```

```
         unique values:  1                              missing .:  12/13

            tabulation:  Freq.  Value
                            1   895.69933
                           12   .

-------------------------------------------------------------------------------------
a_prisd_arv_delivery                                    Primary SD: ARV Delivery (A)
-------------------------------------------------------------------------------------

                  type:  numeric (double)

                 range:  [688.31525,688.31525]     units:  .00001
         unique values:  1                              missing .:  12/13

            tabulation:  Freq.  Value
                            1   688.31525
                           12   .

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

                  type:  numeric (double)

                 range:  [207.3841,207.3841]       units:  .0001
         unique values:  1                              missing .:  12/13

            tabulation:  Freq.  Value
                            1   207.38409
                           12   .

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

                  type:  numeric (float)

                 range:  [.,.]                           units:  .
         unique values:  0                              missing .:  13/13

            tabulation:  Freq.  Value
                           13   .

-------------------------------------------------------------------------------------
a_secsd_unspecified                                     Secondary SD: Unspecified (A)
-------------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [.,.]                           units:  .
         unique values:  0                              missing .:  13/13

            tabulation:  Freq.  Value
```

```
                           13   .

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

                type:  numeric (double)

               range:  [211.70459,211.70459]       units:   .00001
       unique values:  1                         missing .:  12/13

          tabulation:  Freq.   Value
                          1   211.70459
                         12   .

--------------------------------------------------------------------------------
a_anc_demand_generation                        Ancillary: Demand Generation (A)
--------------------------------------------------------------------------------

                type:  numeric (float)

               range:  [.,.]                       units:   .
       unique values:  0                         missing .:  13/13

          tabulation:  Freq.   Value
                         13   .

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

                type:  numeric (double)

               range:  [198.74309,198.74309]       units:   .00001
       unique values:  1                         missing .:  12/13

          tabulation:  Freq.   Value
                          1   198.74309
                         12   .

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

                type:  numeric (float)

               range:  [.,.]                       units:   .
       unique values:  0                         missing .:  13/13

          tabulation:  Freq.   Value
                         13   .

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

```
--------------------------------------------------------------------------------
              type:  numeric (double)

             range:  [12.961506,12.961506]        units:  1.000e-06
     unique values:  1                        missing .:  12/13

        tabulation:  Freq.  Value
                       1   12.961506
                      12   .

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

              type:  numeric (double)

             range:  [12.961505,12.961505]        units:  1.000e-10
     unique values:  1                        missing .:  12/13

        tabulation:  Freq.  Value
                       1   12.961505
                      12   .

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

              type:  numeric (float)

             range:  [.,.]                         units:  .
     unique values:  0                        missing .:  13/13

        tabulation:  Freq.  Value
                      13   .

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

              type:  numeric (double)

             range:  [8.641004,8.641004]           units:  1.000e-06
     unique values:  1                        missing .:  12/13

        tabulation:  Freq.  Value
                       1   8.6410036
                      12   .

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

              type:  numeric (float)
```

```
            range:  [.,.]                          units:  .
    unique values:  0                       missing .:  13/13

      tabulation:   Freq.  Value
                      13   .

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

             type:  numeric (float)

            range:  [.,.]                          units:  .
    unique values:  0                       missing .:  13/13

      tabulation:   Freq.  Value
                      13   .

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

             type:  numeric (float)

            range:  [.,.]                          units:  .
    unique values:  0                       missing .:  13/13

      tabulation:   Freq.  Value
                      13   .

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

             type:  numeric (double)

            range:  [4.320502,4.320502]        units:  1.000e-06
    unique values:  1                       missing .:  12/13

      tabulation:   Freq.  Value
                       1   4.3205018
                      12   .

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

             type:  numeric (float)

            range:  [.,.]                          units:  .
    unique values:  0                       missing .:  13/13

      tabulation:   Freq.  Value
```

```
                         13   .

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

                    type:  numeric (float)

                   range:  [.,.]                        units:  .
           unique values:  0                        missing .:  13/13

               tabulation:  Freq.  Value
                            13   .


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

                    type:  numeric (float)

                   range:  [.,.]                        units:  .
           unique values:  0                        missing .:  13/13

               tabulation:  Freq.  Value
                            13   .


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

                    type:  numeric (float)

                   range:  [.,.]                        units:  .
           unique values:  0                        missing .:  13/13

               tabulation:  Freq.  Value
                            13   .
```