STI Data Validation Exercise before Entry into UCSR

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Abstract

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

1 High-level codebook for all variables

unique values: 6

tabulation: Freq. Value

disease		Disea 	se
type:	string	(str8)	
unique values:	3	missing "": 0/39	
tabulation:	3	Value "HIV" "STDs" "Syphilis"	
collapsed		Collaps	 ed
type:	string	(str3), but longest is str2	
unique values:	1	missing "": 0/39	
tabulation:	-	Value "No"	
lead_author		Lead Auth	 or
type:	string	(str13)	

missing "": 0/39

- 3 "Benzaken, AS"
- 12 "Carrara, V"
- 3 "Dandona, L"
- 2 "Gilson, L"
- 16 "Shelley, KD"
- 3 "Sderlund, N"



warning: variable has embedded blanks

ref_year Reference Year

type: numeric (int)

range: [1993,2015] units: 1
unique values: 6 missing .: 0/39

3

tabulation: Freq. Value

3 (1993)

2 1997

12 2004

3 20053 2008

16 2015

output_unit2 Output unit

type: string (str14)

unique values: 2 missing "": 0/39

tabulation: Freq. Value

36 "."

3 "cost per visit"

 \sum

warning: variable has embedded blanks

title Title

type: string (str199), but longest is str177

unique values: 6 missing "": 0/39

tabulation: Freq. Value

3 "Cost and efficiency of public sector sexually transmitted infection clinics

in Andhra Pradesh, India"

2 "Cost-effectiveness of improved treatment services for sexually

- transmitted diseases in preventing HIV-1 infection in Mwanza Region, Tanzania "
- 3 "Field evaluation of the performance and testing costs of a rapid point-of-care test for syphilis in a red-light district of Manaus, Brazil "
- 12 "Operational and economic evaluation of an NGO-led sexually transmitted infections intervention: north-Western Cambodia"
- 16 "Scaling Down to Scale Up: A Health Economic Analysis of Integrating Point-of-Care Syphilis Testing into Antenatal Care in Zambia during Pilot and National Rollout Implementation"
- 3 "The costs of HIV prevention strategies in developing countries"

warning: variable has embedded and trailing blanks

journal_etc Journal

type: string (str47)

unique values: 6 missing "": 0/39

tabulation: Freq. Value

12 "B World Health Organ. 2004 Jun;

83(6):401-480"

3 "BMC Health Serv Res. 2005 Nov 5;5:69"

3 "Bull World Health Organ. 1993; 71(5): 595604"

595604"

- 2 "Lancet. 1997 Dec 20-27;350(9094):1805-9"
- 16 "PLoS One. 2015 May 13;10(5):e0125675"
- 3 "Sex Transm Infect. 2008 Aug;84(4):297-302."

warning: variable has embedded blanks

type: string (str56)

unique values: 6 missing "": 0/39

tabulation: Freq. Value

12 "<http://www.who.int/bulletin/volumes/83

/6/434.pdf>."

3 "<https://www.ncbi.nlm.nih.gov/pmc/artic</pre>

les/PMC2393468/>."

3 "<https://www.ncbi.nlm.nih.gov/pubmed/16 271151>."

3 "<https://www.ncbi.nlm.nih.gov/pubmed/18
305119>."

16 "https://www.ncbi.nlm.nih.gov/pubmed/25 970443>."

2 "<https://www.ncbi.nlm.nih.gov/pubmed/94 28251>."

iso_name Country

type: string (str30)

unique values: 8 missing "": 0/39

tabulation: Freq. Value

3 "Brazil"
12 "Cambodia"

3 "India" 1 "Kenya"

1 "Mozambique"
1 "South Africa"

2 "Tanzania, United Republic of"

16 "Zambia"

warning: variable has embedded and trailing blanks

location Location

Location Location

type: string (str97)

unique values: 8 missing "": 0/39

tabulation: Freq. Value

2 "."

3 "Andhra Pradesh state"

12 "Banteay Meanchey province "

3 "Manaus "

8 "Mansa (Luapula Province), Kalomo (Southern Province), and Lundazi and Nyimba (Eastern Province). "

8 "Mongu and Lusaka"

2 "Mwanza"

1 "Pumwani area of Nairobi"

warning: variable has embedded and trailing blanks

no_sites Sites

type: string (str2) missing "": 0/39 unique values: 7 tabulation: Freq. Value 3 "." 3 "1" 12 "2" 10 "4" 2 "49" 8 "5" 1 "6" pop_density Urbanicity _____ type: string (str10), but longest is str7 unique values: 5 missing "": 0/39 tabulation: Freq. Value 3 "." 2 "Rural" 11 "mixture" 4 "rural" 19 "urban" ownership Ownership type: string (str17) unique values: 4 missing "": 0/39 tabulation: Freq. Value 6 "." 12 "international NGO" 16 "mixed" 5 "public" warning: variable has embedded blanks platform type: string (str15), but longest is str14

5

missing "": 0/39

unique values: 1

tabulation: Freq. Value

39 "Fixed facility"

warning: variable has embedded blanks

facility_cat Platform specificity

type: string (str68)

unique values: 5 missing "": 0/39

tabulation: Freq. Value

3 "Clinic at hospital (intervention- or

disease-specific)"

1 "Clinic at hospital (not intervention-

or disease-specific)"

32 "Health Center (e.g. community health clinic - sometimes w/ 1-2 beds)"

2 "Mix of health care facility types"

1 "Unspecified health care facility type"

warning: variable has embedded blanks

id_class Intervention Categor

id_class Intervention Category

type: string (str10)

unique values: 1 missing "": 0/39

tabulation: Freq. Value

39 "Prevention"

ru_int

type: string (str14)

unique values: 1 missing "": 0/39

tabulation: Freq. Value

39 "STI Management"

warning: variable has embedded blanks

type: string (str1490), but longest is str1356

unique values: 7 missing "": 0/39

tabulation: Freq. Value

We included STI clinics in the

government-run public sec- tor hospitals for this study. These clinics provide services predominantly to the poor at no or minimal fee, and many persons receiving services here have relatively advanced STIs. At the time of starting data collection for this study in mid-2004, 85 public sector clinics were func- tioning. Of these, 28 STI clinics had been functioning since the 1960's in the state capital and the district headquarters as part of the medical college hospitals and other major public hospitals of Andhra Pradesh. In addition, 57 STI clinics were formally designated in mid-2002 in pub-lic hospitals, in district headquarter hospitals and in area hospitals located in smaller jurisdictions. Generally, the STI care in medical college hospitals and district head- quarter hospitals is provided in distinct separate clinics, whereas in area hospitals it is provided as part of the gen- eral outpatient." 8 "A centralized two-day RST training workshop took place before RST was integrated within existing clinic staffing patterns, patient flow, and clinic processes alongside other routine antenatal POC tests (HIV, malaria, and haemoglobin). The pilot uti- lised SD BIOLINE Syphilis 3.0, a rapid POC syphilis antibody test produced by Standard Diagnostics (Yongin-Si, South Korea), with a manufacturer reported 99.3% sensitivity and 99.5% specificity in serum versus the gold standard Treponema pallidum haemagglutination (TPHA) test; of note, a recent meta-analysis of the diagnostic accuracy of SD Bioline 3.0 in field conditions reported a lower pooled sensitivity (87.9% serum; 83.8% whole blood) and specificity (96.0% serum; 98.4% whole blood). Pilot-specific QA and quality control (QC) measures were established to ensure high standards of quality management. The pilot results showed

increased syphilis testing among ANC attendees (79.9% versus 95.6%, p<0.0001) and treatment of syphilis positive pregnant women (51.1% versus 95.2%, p<0.0001), and demon- strated the feasibility of integrating RST within busy urban and rural ANC settings in Zambia. Zambian syphilis treatment guideline pre-RST adoption was three weekly doses of Benzathine Penicillin (BP). During the pilot, patients were given one documented dose of BP following a positive RST test.

3 "Between May and October 2006, consecutive unselected patients with no age restriction presenting at the FUAM harbour clinic who showed interest in being screened with the rapid POC VisiTect Syphilis test (Omega Diagnostics, Alloa, Scotland) were invited to participate in the study. We included male and female sex workers, sex worker clients, and other patients living and working in the area who accessed the clinic. A sex worker client was defined as those men or women who reported having had sex with a male or female sex worker in the last 12 months. At the end of each clinic, venous blood samples were transferred to the FUAM laboratory. A laboratory technician, blind to the POC test results, tested sera using the FTA-Abs (WAMA Diagnostica, S ao Paulo, Brazil) and VDRL (Winer Laboratorios, Rosario, Argentina), and VDRL titres were determined. The reference standard test for syphilis was FTA-Abs. This widely used test was considered the most appropriate comparator since the rapid POC test was also Treponema specific. Active syphilis was defined as sera reactive with both FTA-Abs and VDRL, with high and low titre active syphilis defined based on VDRL titres > or ,1:8, respectively. Participants with a positive POC test were treated immediately with one intramuscular injection of 2.4 MU benzathine penicillin."

3 "Provision of sexually transmitted disease (STD) treatment and prevention services."

- 12 "The MSF project initially aimed to offer STI clinical services and outreach on HIV/AIDS prevention and condom distribution to these sex workers and their clients. Both clinics were located near red-light districts and marketplaces to facilitate access for clients. The clinics also accepted patients presenting with non-STI related complaints as well as members of the general population. STI case management at the MSF clinics included taking a detailed history and assessing the risk of being infected with an STI, clinical examination (including a speculum examination for women), health education, promotion of condom use, and treatment using the syndromic approach. STI index patients were provided with a contact slip to allow them to notify their sexual partners; these partners were treated in accordance with the patients syndrome, irrespective of the presence of symptoms. "
- 2 "The intervention was designed to be replicable and sustainable in the rural Tanzanian setting, and had five main elements. Primary-health-care workers from all health units in each community were trained to recognise and treat STDs by use of syndromic treatment algorithms. The primary-health-care workers were provided with simple equipment required for diagnosis of STDs , and a regular supply of appropriate drugs and consumables was assured. Supervisory visits were made roughly every 6 weeks to review the treatments prescribed by the primary-health-care workers and to provide further informal training. A health education team visited the villages served by each health unit every 6 months to encourage prompt attendance for STD treatment. A reference clinic was established in Mwanza town to act as a training centre for rural primary-health-care workers and to monitor the aetiology of STD syndromes and the effectiveness of the treatment algorithms."
- 8 "Treatment alogorithm: Treat with one dose of BP following positive RST result; run RPR confirmation and if active infection confirmed, treat with

two additional doses of BP. If RPR confirmation unavailable, continue 2nd and 3rd weekly dose of BP.

warning: variable has embedded and trailing blanks

clinical_monitoring

Clinical monitoring

type: string (str3), but longest is str1

missing "": 0/39 unique values: 1

tabulation: Freq. Value 39 "."

demand_generation

Demand generation -----

type: string (str30)

unique values: 4 missing "": 0/39

tabulation: Freq. Value

31 "."

2 "Outreach health education team"

3 "advertisting campaign" 3 "yes - details NR"

warning: variable has embedded blanks

counseling_content

Counseling content

type: string (str30)

missing "": 0/39 unique values: 2

tabulation: Freq. Value

37 "."

2 "Outreach health education team"

warning: variable has embedded blanks

staff_type

Staff type & number

type: string (str93)

unique values: 4 missing "": 0/39 tabulation: Freq. Value 5 "." 3 "Clinical Staff (10), Laboratory Technicians (2)" 3 "Medical Oofficer (NR), Mmedico-social Worker (NR), Counselor (NR), Laboratory Technician (NR)" 28 "Yes, Details NR" warning: variable has embedded blanks supportive_care Supportive care ______ type: string (str19) unique values: 2 missing "": 0/39 tabulation: Freq. Value 27 "." 12 "condom distribution" warning: variable has embedded blanks visits Visit type & number type: string (str16) missing "": 0/39 unique values: 3 tabulation: Freq. Value 5 "." 31 "Yes, Details NR" 3 "yes - details NR" warning: variable has embedded blanks referrals Referrals type: string (str2), but longest is str1 missing "": 0/39 unique values: 1 tabulation: Freq. Value 39 "."

method Method

100100

type: string (str41)

unique values: 3 missing "": 0/39

tabulation: Freq. Value 20 "."

16 "SD Bioline RST; confirmatory RPR test

kit"

3 "VisiTect, FTA-Ab"

warning: variable has embedded blanks

id_tech Technology

type: string (str41)

unique values: 4 missing "": 0/39

tabulation: Freq. Value

17 "."

16 "SD Bioline RST; confirmatory RPR test

kit"

3 "VisiTect, FTA-Ab"

3 "demand generation, screening &

diagnoses"

warning: variable has embedded blanks

treatment_phase Treatment phase

type: string (str3), but longest is str1

unique values: 1 missing "": 0/39

tabulation: Freq. Value 39 "."

arv_regimen ARV Regimen

.-----

type: string (str3), but longest is str1

unique values: 1 missing "": 0/39

tabulation: Freq. Value 39 "."

treatment Treatment type: string (str104), but longest is str60 missing "": 0/39 unique values: 4 tabulation: Freq. Value 5 "." 16 "Benzathine penicillin (2.5 MU 1 dose)" 15 "Yes, Details NR" 3 "one intramuscular injection of 2.4 MU benzathine penicillin." warning: variable has embedded blanks screening_diagnoses Screening and diagnosis ._____ type: string (str104), but longest is str35 missing "": 0/39 unique values: 5 tabulation: Freq. Value 16 "Syphilis; HIV; Malaria; Haemoglobin" 15 "Yes, details NR" 3 "syphilis" 3 "yes - details NR" warning: variable has embedded blanks community_awareness Community awareness type: string (str30) missing "": 0/39 unique values: 2 tabulation: Freq. Value 37 "." 2 "Outreach health education team" warning: variable has embedded blanks health_system Health system

type: string (str2), but longest is str1

unique values: 1 missing "": 0/39

tabulation: Freq. Value 39 "."

type: string (str69), but longest is str58

unique values: 5 missing "": 0/39

tabulation: Freq. Value 3 "."

2 "demand generation; counseling content;

community awareness"

3 "demand generation; screening &

diagnoses; treatment"

19 "screening & diagnoses; treatment"

12 "supportive care; screening & diagnoses;

treatment"

warning: variable has embedded blanks

start_month Start Month

start_montn

type: numeric (byte)

range: [1,7] units: 1 unique values: 6 missing .: 3/39

tabulation: Freq. Value

2 1

16 3

1 4

4 5

1 6

12 7

З.

start_year Start Year

type: numeric (int)

range: [1992,2012] units: 1 unique values: 8 missing .: 3/39

tabulation: Freq. Value

end_month End Month

type: numeric (byte)

range: [3,12] units: 1 unique values: 6 missing .: 3/39

tabulation: Freq. Value

1 3 1 4

1 5

16 7

3 10

14 12

3 .

end_year End Year

type: numeric (int)

range: [1993,2012] units: 1 unique values: 6 missing .: 3/39

tabulation: Freq. Value

2 1993

12 1999

3 2004

3 2006

8 2010

8 2012

з.

period_portrayed Total Months

type: string (str2)

unique values: 6 missing "": 0/39

tabulation: Freq. Value "." 3 3 "12" 2 "24" "30" 16 "5" "6" year_intro Year introduced at study site type: numeric (int) range: [1960,2008] units: 1 unique values: 3 missing .: 17/39 tabulation: Freq. Value 3 1960 3 1997 16 2008 17 .

coverage Coverage

type: numeric (byte)

range: [.,.] units: .

unique values: 0 missing .: 39/39

tabulation: Freq. Value

39

id_pop_dem_std Target group (demographic)

type: string (str19)

missing "": 0/39 unique values: 3

tabulation: Freq. Value

19 "General Populations"

4 "Sex Worker" 16 "Women"

warning: variable has embedded blanks

id_pop_clin_std Target group (clinical)

range: [.,.] units: . unique values: 0 missing .: 39/39 tabulation: Freq. Value 39 pop_age Average Age type: string (str10), but longest is str4 unique values: 3 missing "": 0/39 tabulation: Freq. Value "." 34 3 "27.9" 2 "28" Gender pop_sex type: string (str11), but longest is str10 unique values: 6 missing "": 0/39 tabulation: Freq. Value 21 "." 12 "17% male" 1 "35.8% male" 1 "5.1% male" 3 "60% female" 1 "66.3% male" warning: variable has embedded blanks pop_ses type: string (str2), but longest is str1 missing "": 0/39 unique values: 1 tabulation: Freq. Value 39 "." pop_education

type: numeric (byte)

type: string (str37)

unique values: 2 missing "": 0/39

tabulation: Freq. Value

36 "."

3 "52% didn't complete elementary school"

warning: variable has embedded blanks

hiv_prev HIV Prevalence

type: string (str9)

unique values: 5 missing "": 0/39

tabulation: Freq. Value

19 "."

3 ".025"

2 ".04"

12 ".41"

3 <u>"1630%"</u> (

warning: variable has trailing blanks

TD D......

tb_prev TB Prevalence

type: string (str2), but longest is str1

unique values: 1 missing "": 0/39

tabulation: Freq. Value 39 "."

tb_rx_resistance TB Drug Resistance

type: string (str3), but longest is str1

unique values: 1 missing "": 0/39

tabulation: Freq. Value 39 "."

costing_purpose Costing Purpose

._____

type: string (str531)

unique values: 7 missing "": 0/39

tabulation: Freq. Value

- "The primary aim of this study was to analyse the implementation costs of Zambias pilot programme, which explored feasibility of rapid syphilis test (RST) integration into antenatal care (ANC services), and secondarily, to present preliminary costs observed during Zambias national rollout of RST. Authors explored the key drivers of differences in cost between the two implementation stages, and examined how cost containment measures may have impacted on the quality of syphilis testing delivered to rollout ANC attendees."
- 12 "To present an evaluation of the operational performance, costs and cost-effectiveness of an STI intervention programme implemented by MSFHolland in the Banteay Meanchey province of north-western Cambodia during the initial 30 months of operation (199799) "
- To analyse the implementation costs of Zambias pilot programme, which explored feasibility of rapid syphilis test (RST) integration into antenatal care (ANC services), and secondarily, to present preliminary costs observed during Zambias national rollout of RST. Authors explored the key drivers of differences in cost between the two implementation stages, and examined how cost containment measures may have impacted on the quality of syphilis testing delivered to rollout ANC attendees. "
- 3 "To assess the cost and efficiency of STI clinics in the public sector, as part of a study to assess the cost and efficiency of various HIV prevention strategies in Andhra Pradesh."
- 2 "To assess the impact, cost, and cost-effectiveness of averting HIV-1 infection through improved management of sexually transmitted diseases (STDs) by primary-health-care workers in Mwanza Region, Tanzania. "
- 3 "To assess the performance, usefulness and cost of a rapid treponemal antibody

assay (VisiTect Syphilis) to detect syphilis in high risk populations " 3 "To present data on the costs and outputs of HIV prevention projects and discuss some of the difficulties faced in economic evaluation in this area"

warning: variable has embedded and trailing blanks

timing Timing

type: string (str15)

unique values: 1 missing "": 0/39

tabulation: Freq. Value

39 "cross-sectional"

country_sampling Country Sampling

type: string (str3), but longest is str1

unique values: 1 missing "": 0/39

tabulation: Freq. Value 39 "."

geo_sampling_incountry Geographic Area In Country Sampling

type: string (str9)

unique values: 3 missing "": 0/39

tabulation: Freq. Value

6 "."

2 "cluster" 31 "purposive"

site_sampling Site Sampling

type: string (str14)

unique values: 5 missing "": 0/39

tabulation: Freq. Value 3 "."

3 "cluster" 11 "convenience" 12 "entire program"

10 "purposive"

warning: variable has embedded blanks

ny campling Patient Sampli

px_sampling Patient Sampling

type: string (str14)

unique values: 4 missing "": 0/39

tabulation: Freq. Value 31 "."

3 "convenience"
3 "entire program"

2 "random"

warning: variable has embedded blanks

sample_size_derived Sample size formally derived

type: string (str2)

unique values: 2 missing "": 0/39

tabulation: Freq. Value

3 "." 36 "no"

controls Controls

type: string (str3)

unique values: 2 missing "": 0/39

tabulation: Freq. Value

37 "."

2 "yes"

econ_perspective_actual Perspective

type: string (str8)

unique values: 1 missing "": 0/39

tabulation: Freq. Value
39 "provider"

econ_costing Economic / Financial

·-----

type: string (str14), but longest is str8

unique values: 1 missing "": 0/39

tabulation: Freq. Value

39 "economic"

real_world Real World / Per Protocol

type: string (str10)

unique values: 2 missing "": 0/39

tabulation: Freq. Value

2 "mix"

37 "real world"

warning: variable has embedded blanks

asd_costs Above Service Costs Included

type: string (str19)

unique values: 3 missing "": 0/39

tabulation: Freq. Value

3 "."

6 "no costs included"
30 "some costs included"

warning: variable has embedded blanks

list_asd_costs Above Service Cost List

type: string (str204)

unique values: 6 missing "": 0/39

tabulation: Freq. Value

6 "."

- 3 "None"
- 8 "Supervision; Central personnel; vehicle operation/maintenance; vehicle capital"
- 8 "Supervision; Central personnel; vehicle
 operation/maintenance; vehicle capital;
 quality assurance/control; incoming
 inspection; external quality control;
 external quality assurance; confirmatory
 retesting"
- 2 "Training manuals; training hall; training supervisors and central support"
- 12 "Training, Supervision and shared costs related to setting up buildings"

warning: variable has embedded blanks

omitted_costs Omitted Costs

type: string (str132)

unique values: 4 missing "": 0/39

tabulation: Freq. Value

31 "Patient costs"

3 "Patient costs, Other: details NR"

2 "Support staff, Building/space: captial,

Patient costs"

3 "Vehicles/transport, Building/space, Building/space recurring (e.g. rent, utilities), Patient costs; Other:

training and supervision "

warning: variable has embedded and trailing blanks

-----sensitivity_analysis Sensitivity Analysis

type: string (str13)

unique values: 3 missing "": 0/39

tabulation: Freq. Value

6 "None"

21 "comprehensive"
12 "limited"

type: string (str9)

unique values: 3 missing "": 0/39

tabulation: Freq. Value

16 "analyzed"
17 "discussed"
6 "ignored"

research_costs Research Costs Included

type: string (str8)

unique values: 2 missing "": 0/39

tabulation: Freq. Value

18 "."

21 "excluded"

type: string (str1)

unique values: 1 missing "": 0/39

tabulation: Freq. Value 39 "."

overhead Costs Included

type: string (str3)

unique values: 3 missing "": 0/39

tabulation: Freq. Value

3 "." 17 "Yes" 19 "no"

type: string (str347)

unique values: 5 missing "": 0/39

tabulation: Freq. Value

- 6 "."
- 16 "None"
- 2 "Office equipment and furniture, vehicles, field equipment and equipment for PHCWs"
- 12 "buildings, capital equipment items and vehicles"
- 3 "outpatient and inpatient furniture, electrical fixtures, refrigerator, centrifuge, microscope, needle and syringe destroyer, water bath, slide rotator, water filter, sterilizer, and weighing machine. cleaning and building maintenance, electricity, water, telephone, gas/oil, waste disposal, the occasional training of staff during that fiscal year"

warning: variable has embedded blanks

pot_distortions Potential distortions

type: string (str548), but longest is str285

unique values: 4 missing "": 0/39

tabulation: Freq. Value

34 "."

- 2 "All pilot costs were collected in 2010 Zambian Kwacah."
- 2 "At urban sites, higher facili- ty-level costs were mitigated by the economies of scale afforded by high patient volumes. Costs to implement QA/QC in facilities in rural districts were elevated due to long travel distances from Lusaka."
- "During the rollout, low RST coverage at DH1 (24%) resulted in an elevated screening unit cost (\$11.16), which was unexpected for a high volume ANC setting. The low coverage meant the average screening unit cost at DH1 was comparable to the lower volume, rural-based rollout facilities "

warning: variable has embedded and trailing blanks

volunteer_time Valuing Volunteer Time

type: string (str17)

unique values: 2 missing "": 0/39

tabulation: Freq. Value

36 "."

3 "local full income"

warning: variable has embedded blanks

family_time Valuing Family Time

unique values: 1 missing "": 0/39

type: string (str3), but longest is str1

tabulation: Freq. Value

39 "."

px_costs_measured Patient-Incurred Costs Measured

type: string (str22)

unique values: 2 missing "": 0/39

tabulation: Freq. Value

36 "not included"

3 "not includedt included"

warning: variable has embedded blanks

cat_cost Catastrophic Cost Calculated

type: string (str2)

unique values: 2 missing "": 0/39

tabulation: Freq. Value

36 "."

3 "No"

currency_yr Reported Currency Year

type: numeric (int)

range: [1990,2012] units: 1 unique values: 7 missing .: 0/39

12 2002 3 2004 3 2006 8 2010 8 2012 Reported Currency iso_code type: string (str3) unique values: 1 missing "": 0/39 tabulation: Freq. Value 39 "USD" Currency of Data Collection currency_iso type: string (str3) unique values: 6 missing "": 0/39 tabulation: Freq. Value "." "BRL" 3 3 "INR" 12 "KHR" "TZS" 16 "ZMW" Currency Exchange Method currency_x type: string (str11) unique values: 1 missing "": 0/39 tabulation: Freq. Value 39 "market only" warning: variable has embedded blanks current_x_rate Currency Exchange Rate

tabulation: Freq. Value

3 19902 1993

type: string (str7)

unique values: 7 missing "": 0/39

tabulation: Freq. Value

3 "."

3 "2.14" 12 "36.5" 3 "45.95" 8 "4743.98" 2 "479.87"

8 "5219.83"

discount_rate Discount Rate

type: numeric (double)

range: [.03,.03] units: .01 unique values: 1 missing .: 9/39

tabulation: Freq. Value

30 .03 9 .

inflation Inflation rate

type: string (str5)

unique values: 2 missing "": 0/39

tabulation: Freq. Value 23 "."

16 ".0529"

mean_cost Mean Unit Cost

type: numeric (double)

range: [.60143173,185.6651] units: 1.000e-08

unique values: 37 missing .: 0/39

mean: 47.8289 std. dev: 54.25

percentiles: 10% 25% 50% 75% 90%

2.78482 11.8178 25.7018 61.9289 165.503

si_personnel Personnel (SI)

type: numeric (double)

range: [1.028614,30.520311] units: 1.000e-07 unique values: 8 missing .: 31/39

tabulation: Freq. Value

1 1.028614 1 1.1896011 1 9.3425913 1 9.7517748 1 10.047141 1 18.359261 1 22.483965

1 30.520311

31 .

si_per_service_delivery Personnel: Service Delivery (SI)

type: numeric (float)

range: [.,.] units: .

unique values: 0 missing .: 39/39

tabulation: Freq. Value

39 .

Personnel: Support (SI) si_per_support

type: numeric (double)

range: [1.1896011,1.1896011] units: 1.000e-07

missing .: 38/39 unique values: 1

tabulation: Freq. Value

1 1.1896011

38 .

Personnel: Mixed Unspecified (SI) si_per_mixed_unspec

type: numeric (double)

range: [1.028614,30.520311] units: 1.000e-06

missing .: 32/39 unique values: 7

tabulation: Freq. Value

1 1.028614

1 9.3425913

1 9.7517748

1 10.047141

1 18.359261

1 22.483965

1 30.520311

32 .

si_recurrent Recurrent Goods (SI)

type: numeric (double)

range: [3.6251455,65.512634] units: 1.000e-07

unique values: 8 missing .: 31/39

tabulation: Freq. Value

1 3.6251455

1 4.0620832

1 5.245503

1 6.5033679

1 10.628147

1 14.752626

1 17.576146

1 65.512634

31

si_rec_key_drugs Recurring: Supplies (key drugs) (SI)

type: numeric (double)

range: [.,.] units: .

unique values: 0 missing .: 39/39

tabulation: Freq. Value

39 .

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

type: numeric (double)

range: [3.2557504,9.3908651] units: 1.000e-07

unique values: 2 missing .: 37/39

tabulation: Freq. Value

1 3.2557504

1 9.3908651

37 .

si_rec_nonmed_int_supplies

Recurring: Non-medical Supplies (SI)

type: numeric (double)

range: [.15652646,2.0304573] units: 1.000e-08

unique values: 2 missing .: 37/39

tabulation: Freq. Value

1 .156526461 2.0304573

37 .

si_rec_building_space Recurring: Building Space (SI)

type: numeric (double)

range: [.9898921,2.2683256] units: 1.000e-07 unique values: 4 missing .: 35/39

tabulation: Freq. Value

1 .98989213 1 1.2690358 1 1.6829916 1 2.2683256

35 .

si_rec_other Recurring: Other (SI)

type: numeric (double)

range: [2.3790916,65.512634] units: 1.000e-08 unique values: 8 missing .: 31/39

tabulation: Freq. Value

1 2.3790916 1 2.6352534 1 2.9771774 1 4.8857877 1 6.5033679 1 7.21587

1 14.7526261 65.512634

31 .

si_capital Capital (SI)

type: numeric (double)

range: [0,13.83249] units: 1.000e-08 unique values: 5 missing .: 34/39

tabulation: Freq. Value

1 0

1 .40364727 1 3.8364635 1 4.375442 1 13.83249

34 .

si_cap_medical_equip Capital: Equipment (medical) (SI)

type: numeric (double)

range: [.36001086,.36001086] units: 1.000e-08 unique values: 1 missing .: 38/39

tabulation: Freq. Value

1 .36001086

38 .

type: numeric (double)

range: [2.728427,2.728427] units: 1.000e-06 unique values: 1 missing .: 38/39

tabulation: Freq. Value

1 2.7284269

38 .

type: numeric (double)

range: [.14087382,7.6776667] units: 1.000e-08 unique values: 2 missing .: 37/39

tabulation: Freq. Value

1 .14087382
 1 7.6776667

37 .

si_cap_vehicles Capital: Vehicles (SI)

type: numeric (double)

range: [.19035538,1.815707] units: 1.000e-08 unique values: 2 missing .: 37/39

tabulation: Freq. Value

1 .19035538 1 1.815707

37

si_cap_other Capital: Other (SI)

type: numeric (double)

range: [0,4.375442] units: 1.000e-09 unique values: 5 missing .: 34/39

tabulation: Freq. Value

1 0

1 .40364727 1 1.5198719 1 3.2360413 1 4.375442

34 .

si_mixed Mixed (SI)

type: numeric (double)

range: [.,.] units: .
unique values: 0 missing .: 39/39

tabulation: Freq. Value

39 .

a_primary_sd Primary Service Delivery (A)

type: numeric (double)

range: [1.7094954,4.4766568] units: 1.000e-07 unique values: 4 missing .: 35/39

tabulation: Freq. Value

1 1.7094954

1 1.8861458

1 2.1501837

1 4.4766568

35 .

a_prisd_lab_services Primary SD: Lab Services (A)

type: numeric (double)

range: [1.0643799, 1.0643799] units: 1.000e-07 unique values: 1 missing .: 38/39

tabulation: Freq. Value

1 1.0643799

38 .

a_prisd_unspecified Primary SD: Unspecified (A)

type: numeric (double)

range: [1.7094954,3.4122769] units: 1.000e-07 unique values: 4 missing .: 35/39

tabulation: Freq. Value

1 1.7094954 1 1.8861458 1 2.1501837 1 3.4122769

35 .

a_secondary_sd Secondary Service Delivery (A)

type: numeric (float)

range: [.,.] units: .

unique values: 0 missing .: 39/39

tabulation: Freq. Value

39 .

a_ancillary Ancillary (A)

type: numeric (float)

range: [.,.] units: .

unique values: 0 missing .: 39/39

tabulation: Freq. Value 39 .

a_anc_demand_generation Ancillary: Demand Generation (A) _____

type: numeric (float)

range: [.,.] units: .

unique values: 0 missing .: 39/39

tabulation: Freq. Value

39 .

Ancillary: Lab Services (A) a_anc_lab_services

type: numeric (float)

range: [.,.] units: .

unique values: 0 missing .: 39/39

tabulation: Freq. Value

39

a_anc_adhreten Ancillary: Adherence/Retention (A)

type: numeric (float)

range: [.,.] units: .

unique values: 0 missing .: 39/39

tabulation: Freq. Value

39 .

Ancillary: Unspecified (A) a_anc_unspecified

type: numeric (float)

units: . range: [.,.]

unique values: 0 missing .: 39/39

tabulation: Freq. Value

39 .

a_operational Operational (A) _____

type: numeric (double)

range: [6.434803,57.677678] units: 1.000e-06

unique values: 5 missing .: 34/39

tabulation: Freq. Value

1 6.4348029 1 11.490774 1 11.695179 1 21.45458 1 57.677678

34 .

type: numeric (double)

range: [.14087382,11.675129] units: 1.000e-08 unique values: 2 missing .: 37/39

tabulation: Freq. Value

1 .14087382
 1 11.675129

37 .

type: numeric (float)

range: [.,.] units: .
unique values: 0 missing .: 39/39

tabulation: Freq. Value

39 .

type: numeric (float)

range: [.,.] units: .

unique values: 0 missing .: 39/39

tabulation: Freq. Value

39 .

type: numeric (double)

range: [.79828495,.79828495] units: 1.000e-08

unique values: 1 missing .: 38/39

tabulation: Freq. Value

1 .79828495

38 .

type: numeric (double)

range: [2.3338095,2.3338095] units: 1.000e-07

unique values: 1 missing .: 38/39

tabulation: Freq. Value

1 2.3338095

38 .

type: numeric (double)

range: [2.4111679,3.1618346] units: 1.000e-07

unique values: 2 missing .: 37/39

tabulation: Freq. Value

1 2.4111679

1 3.1618346 37

a_ope_massed Operational: Mass Education (A)

type: numeric (double)

range: [1.6497465,1.6497465] units: 1.000e-07

unique values: 1 missing .: 38/39

tabulation: Freq. Value

1 1.6497465

38 .

a_ope_hmis Operational: HMIS and Record-Keeping (A)

type: numeric (float)

range: [.,.] units: .

unique values: 0 missing .: 39/39

tabulation: Freq. Value

39 .

a_ope_technology_development

Operational: Technology development (A)

type: numeric (float)

range: [.,.] units: .

unique values: 0 missing .: 39/39

tabulation: Freq. Value

39 .

a_ope_unspecified Operational: Unspecified (A)

type: numeric (double)

range: [11.490774,41.941634] units: 1.000e-06 unique values: 4 missing .: 35/39

tabulation: Freq. Value

1 11.490774

1 11.695179

1 21.45458

1 41.941634

35 .

a_mixed Mixed (A)

type: numeric (double)

range: [15.78124,92.372041] units: 1.000e-06

unique values: 3 missing .: 36/39

tabulation: Freq. Value

1 15.78124

1 16.954156

1 92.372041

36 .

a_unspecified Unspecified (A) ______

range: [4.25127,4.742752] units: 1.000e-06 values: 2 missing .: 37/39

unique values: 2

tabulation: Freq. Value
1 4.2512699

1 4.7427518

37 .

type: numeric (double)