

South Africa - Investigating the quality of HIV rapid testing practices in public antenatal health care facilities

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Overview

Identification

ID NUMBER

Investigating the quality of HIV rapid testing practices in public antenatal health care facilities

Overview

ABSTRACT

Monitoring HIV prevalence using antenatal HIV sentinel surveillance is important for efficient epidemic tracking, programme planning and resource allocation. HIV sentinel surveillance usually employs unlinked anonymous HIV testing which raises ethical, epidemiological and public health challenges in the current era of universal test and treat. The World Health Organization (WHO) recommends that countries should consider using routine prevention of mother-to-child transmission of HIV (PMTCT) data for surveillance. We audited antenatal care clinics to assess the quality of HIV rapid testing practices as the first step to assess whether South Africa is ready to utilize PMTCT programme data for antenatal HIV surveillance. In 2017, we conducted a cross-sectional survey in 360 randomly sampled antenatal care clinics using the adapted WHO Stepwise-Process-for-Improving-the-Quality-of-HIV-Rapid-Testing (SPI-RT) checklist. We calculated median percentage scores within a domain (domain-specific median score), and across all domains (overall median percentage scores). The latter was used to classify sites according to five implementation levels; (from 0: <40% to 4: 90% or higher). Of 346 (96.1%) facilities assessed, an overall median percentage score of 62.1% (inter-quartile range (IQR): 50.8-71.9%) was obtained. The lowest domain-specific median percentage scores were obtained under training/certification (35% IQR: 10.0-50.0%) and external quality assurance (12.5% IQR: 0.0-50.0%), respectively. The majority (89%) of sites had an overall median score at level 2 or below; of these, 37% required improvement in specific areas and 6.4% in all areas. Facilities in districts implementing the HIV Rapid Test Quality Improvement Initiative and supported by the President's Emergency Plan for AIDS Relief (PEPFAR) had significantly higher median overall scores (65.6% IQR: 53.9-74.2%) (P-value from rank sum test: <0.001) compared with non-PEPFAR-supported facilities (56.6% IQR: 47.7-66.0%). We found sub-optimal implementation of HIV rapid testing practices. We recommend the expansion of the PEPFAR-funded Rapid Test Continuous Quality Improvement (RTCQI) support to all antenatal care testing sites.

Producers and Sponsors

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Sampling

No content available

Questionnaires

No content available

Data Collection

Data Processing

No content available

Data Appraisal

No content available

File Description

Variable List

data

Content

Cases 351

Variable(s) 187

Structure
Type:
Keys: ()

Version

Producer

Missing Data

Variables

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V2	province	province	contin	numeric	
V3	start	start	discrete	character	
V4	end	end	discrete	character	
V5	today	today	discrete	character	
V6	testingpointtype	testingpointtype	discrete	character	
V7	testingpointtype_other	testingpointtype_other	discrete	character	
V8	level	level	discrete	character	
V9	level_other	level_other	discrete	character	
V10	numberoftester	numberoftester	discrete	character	
V11	avgmonthtesting	avgmonthtesting	contin	numeric	
V12	personal_q_1_1	personal_q_1_1	discrete	character	
V13	personal_c_1_1	personal_c_1_1	discrete	character	
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V15	personal_c_1_2	personal_c_1_2	discrete	character	
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V19	personal_c_1_4	personal_c_1_4	discrete	character	
V20	personal_q_1_5	personal_q_1_5	discrete	character	
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V22	personal_q_1_6	personal_q_1_6	discrete	character	
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V24	personal_q_1_7	personal_q_1_7	discrete	character	
V25	personal_c_1_7	personal_c_1_7	discrete	character	
V26	personal_q_1_8	personal_q_1_8	discrete	character	
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V29	personal_c_1_9	personal_c_1_9	discrete	character
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V33	physical_q_2_1	physical_q_2_1	discrete	character
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V36	physical_c_2_2	physical_c_2_2	discrete	character
V37	physical_q_2_3	physical_q_2_3	discrete	character
V38	physical_c_2_3	physical_c_2_3	discrete	character
V39	physical_q_2_4	physical_q_2_4	discrete	character
V40	physical_c_2_4	physical_c_2_4	discrete	character
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V95	test_c_5_2	test_c_5_2	discrete	character
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V99	test_c_5_4	test_c_5_4	discrete	character
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V103	test_c_5_6	test_c_5_6	discrete	character
V104	test_q_5_7	test_q_5_7	discrete	character
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V128	post_c_6_9	post_c_6_9	discrete	character
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V133	eqa_c_7_2	eqa_c_7_2	discrete	character
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V144	eqa_q_7_8	eqa_q_7_8	contin	numeric
V145	eqa_c_7_8	eqa_c_7_8	discrete	character
V146	sampleretesting	sampleretesting	discrete	character
V147	eqa_q_7_9	eqa_q_7_9	discrete	numeric
V148	eqa_c_7_9	eqa_c_7_9	discrete	character
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V150	eqa_c_7_10	eqa_c_7_10	discrete	character
V151	eqa_q_7_11	eqa_q_7_11	discrete	numeric

V152	eqa_c_7_11	eqa_c_7_11	discrete	character
V153	eqa_q_7_12	eqa_q_7_12	discrete	numeric
V154	eqa_c_7_12	eqa_c_7_12	discrete	character
V155	eqa_q_7_13	eqa_q_7_13	discrete	numeric
V156	eqa_c_7_13	eqa_c_7_13	discrete	character
V157	eqa_q_7_14	eqa_q_7_14	discrete	numeric
V158	eqa_c_7_14	eqa_c_7_14	discrete	character
V159	eqa_max_score	eqa_max_score	discrete	numeric
V160	eqa_req	eqa_req	contin	numeric
V161	eqa_opt	eqa_opt	discrete	numeric
V162	eqa_score	eqa_score	contin	numeric
V163	final_audit_score	final_audit_score	contin	numeric
V164	max_audit_score	max_audit_score	discrete	numeric
V165	audit_score_percentage	audit_score_percentage	contin	numeric
V166	status	status	discrete	character
V167	provdhis	provdhis	discrete	character
V168	distdhis	distdhis	discrete	character
V169	settingdhis	settingdhis	discrete	character
V170	stratum	stratum	contin	numeric
V171	prov	prov	discrete	character
V172	district	district	discrete	character
V173	personal_Max_score	personal_Max_score	discrete	numeric
V174	personal_score_percentage	personal_score_percentage	contin	numeric
V175	physical_Max_score	physical_Max_score	discrete	numeric
V176	physical_score_percentage	physical_score_percentage	contin	numeric
V177	safety_Max_score	safety_Max_score	discrete	numeric
V178	safety_score_percentage	safety_score_percentage	contin	numeric
V179	pretest_Max_score	pretest_Max_score	discrete	numeric
V180	pretest_score_percentage	pretest_score_percentage	contin	numeric
V181	test_Max_score	test_Max_score	discrete	numeric
V182	test_score_percentage	test_score_percentage	contin	numeric
V183	post_Max_score	post_Max_score	discrete	numeric
V184	post_score_percentage	post_score_percentage	contin	numeric
V185	eqa_score_percentage	eqa_score_percentage	contin	numeric
V186	pepfarsite	pepfarsite	discrete	numeric
V187	ancsite	ancsite	discrete	numeric

facilitycode (facilitycode)

File: data

Overview

Type: Discrete
Format: character
Width: 58

Valid cases: 351
Invalid: 0

province (province)

File: data

Overview

Type: Continuous
Format: numeric
Decimals: 2
Range: 0-9

Valid cases: 351
Invalid: 0
Minimum: 0
Maximum: 9
Mean: 4.2
Standard deviation: 2.2

start (start)

File: data

Overview

Type: Discrete
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Width: 26

Valid cases: 348
Invalid: 0

end (end)

File: data

Overview

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Valid cases: 351
Invalid: 0

today (today)

File: data

Overview

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Width: 11

Valid cases: 350
Invalid: 0

testingpointtype (testingpointtype)

File: data

Overview

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Width: 55

Valid cases: 350
Invalid: 0

testingpointtype_other (testingpointtype_other)

File: data

Overview

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Valid cases: 4
Invalid: 0

level (level)

File: data

Overview

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Valid cases: 348
Invalid: 0

level_other (level_other)

File: data

Overview

Type: Discrete
Format: character
Width: 21

Valid cases: 351
Invalid: 0

numberoftester (numberoftester)

File: data

Overview

Type: Discrete
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Valid cases: 349
Invalid: 0

avgmonthtesting (avgmonthtesting)

File: data

Overview

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Decimals: 2
Range: 0-665

Valid cases: 351
Invalid: 0
Minimum: 0
Maximum: 665
Mean: 46.7
Standard deviation: 73.6

personal_q_1_1 (personal_q_1_1)

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Overview

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Invalid: 0

personal_c_1_1 (personal_c_1_1)

File: data

Overview

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Width: 255

Valid cases: 203

personal_q_1_2 (personal_q_1_2)

File: data

Overview

Type: Discrete
Format: character
Width: 59

Valid cases: 348
Invalid: 0

personal_c_1_2 (personal_c_1_2)

File: data

Overview

Type: Discrete
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Width: 255

Valid cases: 120

personal_q_1_3 (personal_q_1_3)

File: data

Overview

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Valid cases: 348
Invalid: 0

personal_c_1_3 (personal_c_1_3)

File: data

Overview

Type: Discrete
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Width: 82

Valid cases: 190
Invalid: 0

personal_q_1_4 (personal_q_1_4)

File: data

Overview

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Width: 80

Valid cases: 349
Invalid: 0

personal_c_1_4 (personal_c_1_4)

File: data

Overview

Type: Discrete
Format: character
Width: 255

Valid cases: 131

personal_q_1_5 (personal_q_1_5)

File: data

Overview

Type: Discrete
Format: character
Width: 55

Valid cases: 349

Invalid: 0

personal_c_1_5 (personal_c_1_5)

File: data

Overview

Type: Discrete
Format: character
Width: 255

Valid cases: 115

personal_q_1_6 (personal_q_1_6)

File: data

Overview

Type: Discrete
Format: character
Width: 50

Valid cases: 350

Invalid: 0

personal_c_1_6 (personal_c_1_6)

File: data

Overview

Type: Discrete
Format: character
Width: 95

Valid cases: 215

Invalid: 0

personal_q_1_7 (personal_q_1_7)

File: data

Overview

Type: Discrete
Format: character
Width: 48

Valid cases: 348

Invalid: 0

personal_c_1_7 (personal_c_1_7)

File: data

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Valid cases: 200
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personal_q_1_8 (personal_q_1_8)

File: data

Overview

Type: Discrete
 Format: character
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Valid cases: 348
 Invalid: 0

personal_c_1_8 (personal_c_1_8)

File: data

Overview

Type: Discrete
 Format: character
 Width: 55

Valid cases: 185
 Invalid: 0

personal_q_1_9 (personal_q_1_9)

File: data

Overview

Type: Discrete
 Format: character
 Width: 20

Valid cases: 350
 Invalid: 0

personal_c_1_9 (personal_c_1_9)

File: data

Overview

Type: Discrete
 Format: character
 Width: 55

Valid cases: 186
 Invalid: 0

personal_q_1_10 (personal_q_1_10)

File: data

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 0-1

Valid cases: 349
 Invalid: 2
 Minimum: 0
 Maximum: 1
 Mean: 0.2
 Standard deviation: 0.4

personal_c_1_10 (personal_c_1_10)

File: data

Overview

Type: Discrete
 Format: character
 Width: 49

Valid cases: 180
 Invalid: 0

personal_score (personal_score)

File: data

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 0-9

Valid cases: 349
 Invalid: 2
 Minimum: 0
 Maximum: 9
 Mean: 3.3
 Standard deviation: 2.2

physical_q_2_1 (physical_q_2_1)

File: data

Overview

Type: Discrete
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 Width: 34

Valid cases: 349
 Invalid: 0

physical_c_2_1 (physical_c_2_1)

File: data

Overview

Type: Discrete
 Format: character
 Width: 255

Valid cases: 81

physical_q_2_2 (physical_q_2_2)

File: data

Overview

Type: Discrete
 Format: character
 Width: 31

Valid cases: 348
 Invalid: 0

physical_c_2_2 (physical_c_2_2)

File: data

Overview

Type: Discrete
 Format: character
 Width: 255

Valid cases: 57

physical_q_2_3 (physical_q_2_3)

File: data

Overview

Type: Discrete
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Width: 12

Valid cases: 347
Invalid: 0

physical_c_2_3 (physical_c_2_3)

File: data

Overview

Type: Discrete
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Width: 86

Valid cases: 22
Invalid: 0

physical_q_2_4 (physical_q_2_4)

File: data

Overview

Type: Discrete
Format: character
Width: 49

Valid cases: 348
Invalid: 0

physical_c_2_4 (physical_c_2_4)

File: data

Overview

Type: Discrete
Format: character
Width: 255

Valid cases: 124

physical_q_2_5 (physical_q_2_5)

File: data

Overview

Type: Discrete
Format: character
Width: 45

Valid cases: 347
Invalid: 0

physical_c_2_5 (physical_c_2_5)

File: data

Overview

Type: Discrete
Format: character
Width: 255

Valid cases: 38

physical_score (physical_score)

File: data

Overview

Type: Discrete
Format: character
Width: 36

Valid cases: 346
Invalid: 0

safety_q_3_1 (safety_q_3_1)

File: data

Overview

Type: Continuous
Format: numeric
Decimals: 2
Range: 0-1

Valid cases: 347
Invalid: 4
Minimum: 0
Maximum: 1
Mean: 0.7
Standard deviation: 0.4

safety_c_3_1 (safety_c_3_1)

File: data

Overview

Type: Discrete
Format: character
Width: 255

Valid cases: 89

safety_q_3_2 (safety_q_3_2)

File: data

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 347
Invalid: 0

safety_c_3_2 (safety_c_3_2)

File: data

Overview

Type: Discrete
Format: character
Width: 255

Valid cases: 66

safety_q_3_3 (safety_q_3_3)

File: data

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 347
Invalid: 0

safety_c_3_3 (safety_c_3_3)

File: data

Overview

Type: Discrete
Format: character
Width: 90

Valid cases: 127
Invalid: 0

safety_q_3_4 (safety_q_3_4)

File: data

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 347
Invalid: 0

safety_c_3_4 (safety_c_3_4)

File: data

Overview

Type: Discrete
Format: character
Width: 255

Valid cases: 113

safety_q_3_5 (safety_q_3_5)

File: data

Overview

Type: Discrete
Format: character
Width: 27

Valid cases: 347
Invalid: 0

safety_c_3_5 (safety_c_3_5)

File: data

Overview

Type: Discrete
Format: character
Width: 69

Valid cases: 147
Invalid: 0

safety_q_3_6 (safety_q_3_6)

File: data

Overview

Type: Discrete
Format: character
Width: 59

Valid cases: 346
Invalid: 0

safety_c_3_6 (safety_c_3_6)

File: data

Overview

Type: Discrete
 Format: character
 Width: 68

Valid cases: 135
 Invalid: 0

safety_q_3_7 (safety_q_3_7)

File: data

Overview

Type: Discrete
 Format: character
 Width: 47

Valid cases: 345
 Invalid: 0

safety_c_3_7 (safety_c_3_7)

File: data

Overview

Type: Discrete
 Format: character
 Width: 97

Valid cases: 143
 Invalid: 0

safety_q_3_8 (safety_q_3_8)

File: data

Overview

Type: Discrete
 Format: character
 Width: 60

Valid cases: 345
 Invalid: 0

safety_c_3_8 (safety_c_3_8)

File: data

Overview

Type: Discrete
 Format: character
 Width: 86

Valid cases: 84
 Invalid: 0

safety_q_3_9 (safety_q_3_9)

File: data

Overview

Type: Discrete
 Format: character
 Width: 50

Valid cases: 345
 Invalid: 0

safety_c_3_9 (safety_c_3_9)

File: data

Overview

Type: Discrete
Format: character
Width: 74

Valid cases: 67
Invalid: 0

safety_q_3_10 (safety_q_3_10)

File: data

Overview

Type: Discrete
Format: character
Width: 13

Valid cases: 345
Invalid: 0

safety_c_3_10 (safety_c_3_10)

File: data

Overview

Type: Discrete
Format: character
Width: 97

Valid cases: 54
Invalid: 0

safety_q_3_11 (safety_q_3_11)

File: data

Overview

Type: Discrete
Format: character
Width: 47

Valid cases: 345
Invalid: 0

safety_c_3_11 (safety_c_3_11)

File: data

Overview

Type: Discrete
Format: character
Width: 255

Valid cases: 31

safety_score (safety_score)

File: data

Overview

Type: Discrete
Format: character
Width: 37

Valid cases: 345
Invalid: 0

pre_q_4_1 (pre_q_4_1)

File: data

Overview

Type: Discrete
Format: character
Width: 7

Valid cases: 346
Invalid: 0

pre_c_4_1 (pre_c_4_1)

File: data

Overview

Type: Discrete
Format: character
Width: 255

Valid cases: 74

pre_q_4_2 (pre_q_4_2)

File: data

Overview

Type: Discrete
Format: character
Width: 5

Valid cases: 346
Invalid: 0

pre_c_4_2 (pre_c_4_2)

File: data

Overview

Type: Discrete
Format: character
Width: 255

Valid cases: 64

pre_q_4_3 (pre_q_4_3)

File: data

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 345
Invalid: 0

pre_c_4_3 (pre_c_4_3)

File: data

Overview

Type: Discrete
Format: character
Width: 68

Valid cases: 13
Invalid: 0

pre_q_4_4 (pre_q_4_4)

File: data

Overview

Type: Discrete
Format: character
Width: 12

Valid cases: 345
Invalid: 0

pre_c_4_4 (pre_c_4_4)

File: data

Overview

Type: Discrete
Format: character
Width: 98

Valid cases: 76
Invalid: 0

pre_q_4_5 (pre_q_4_5)

File: data

Overview

Type: Discrete
Format: character
Width: 12

Valid cases: 345
Invalid: 0

pre_c_4_5 (pre_c_4_5)

File: data

Overview

Type: Discrete
Format: character
Width: 69

Valid cases: 8
Invalid: 0

pre_q_4_6 (pre_q_4_6)

File: data

Overview

Type: Discrete
Format: character
Width: 46

Valid cases: 346
Invalid: 0

pre_c_4_6 (pre_c_4_6)

File: data

Overview

Type: Discrete
Format: character
Width: 255

Valid cases: 16

pre_q_4_7 (pre_q_4_7)

File: data

Overview

Type: Discrete
 Format: character
 Width: 37

Valid cases: 346
 Invalid: 0

pre_c_4_7 (pre_c_4_7)

File: data

Overview

Type: Discrete
 Format: character
 Width: 71

Valid cases: 204
 Invalid: 0

pre_q_4_8 (pre_q_4_8)

File: data

Overview

Type: Discrete
 Format: character
 Width: 36

Valid cases: 346
 Invalid: 0

pre_c_4_8 (pre_c_4_8)

File: data

Overview

Type: Discrete
 Format: character
 Width: 255

Valid cases: 91

pre_q_4_9 (pre_q_4_9)

File: data

Overview

Type: Discrete
 Format: character
 Width: 53

Valid cases: 345
 Invalid: 0

pre_c_4_9 (pre_c_4_9)

File: data

Overview

Type: Discrete
 Format: character
 Width: 255

Valid cases: 97

pre_q_4_10 (pre_q_4_10)

File: data

Overview

Type: Discrete
 Format: character
 Width: 36

Valid cases: 345
 Invalid: 0

pre_c_4_10 (pre_c_4_10)

File: data

Overview

Type: Discrete
 Format: character
 Width: 255

Valid cases: 39

pre_q_4_11 (pre_q_4_11)

File: data

Overview

Type: Discrete
 Format: character
 Width: 20

Valid cases: 345
 Invalid: 0

pre_c_4_11 (pre_c_4_11)

File: data

Overview

Type: Discrete
 Format: character
 Width: 97

Valid cases: 16
 Invalid: 0

pre_q_4_12 (pre_q_4_12)

File: data

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 0-1

Valid cases: 344
 Invalid: 7
 Minimum: 0
 Maximum: 1
 Mean: 0.9
 Standard deviation: 0.3

pre_c_4_12 (pre_c_4_12)

File: data

Overview

Type: Discrete
 Format: character
 Width: 255

Valid cases: 98

pretest_score (pretest_score)

File: data

Overview

Type: Continuous	Valid cases: 344
Format: numeric	Invalid: 7
Decimals: 2	Minimum: 0
Range: 0-12	Maximum: 12
	Mean: 9.8
	Standard deviation: 1.6

test_q_5_1 (test_q_5_1)

File: data

Overview

Type: Discrete	Valid cases: 344
Format: character	Invalid: 0
Width: 9	

test_c_5_1 (test_c_5_1)

File: data

Overview

Type: Discrete	Valid cases: 104
Format: character	Invalid: 0
Width: 92	

test_q_5_2 (test_q_5_2)

File: data

Overview

Type: Discrete	Valid cases: 344
Format: character	Invalid: 0
Width: 20	

test_c_5_2 (test_c_5_2)

File: data

Overview

Type: Discrete	Valid cases: 168
Format: character	
Width: 255	

test_q_5_3 (test_q_5_3)

File: data

Overview

Type: Discrete	Valid cases: 344
Format: character	Invalid: 0
Width: 33	

test_c_5_3 (test_c_5_3)

File: data

Overview

Type: Discrete
 Format: character
 Width: 255

Valid cases: 57

test_q_5_4 (test_q_5_4)

File: data

Overview

Type: Discrete
 Format: character
 Width: 48

Valid cases: 344
 Invalid: 0

test_c_5_4 (test_c_5_4)

File: data

Overview

Type: Discrete
 Format: character
 Width: 255

Valid cases: 100

test_q_5_5 (test_q_5_5)

File: data

Overview

Type: Discrete
 Format: character
 Width: 18

Valid cases: 344
 Invalid: 0

test_c_5_5 (test_c_5_5)

File: data

Overview

Type: Discrete
 Format: character
 Width: 255

Valid cases: 142

test_q_5_6 (test_q_5_6)

File: data

Overview

Type: Discrete
 Format: character
 Width: 18

Valid cases: 345
 Invalid: 0

test_c_5_6 (test_c_5_6)

File: data

Overview

Type: Discrete
 Format: character
 Width: 83

Valid cases: 124
 Invalid: 0

test_q_5_7 (test_q_5_7)

File: data

Overview

Type: Discrete
 Format: character
 Width: 18

Valid cases: 345
 Invalid: 0

test_c_5_7 (test_c_5_7)

File: data

Overview

Type: Discrete
 Format: character
 Width: 79

Valid cases: 200
 Invalid: 0

test_q_5_8 (test_q_5_8)

File: data

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 0-64

Valid cases: 344
 Invalid: 7
 Minimum: 0
 Maximum: 64
 Mean: 0.5
 Standard deviation: 3.5

test_c_5_8 (test_c_5_8)

File: data

Overview

Type: Discrete
 Format: character
 Width: 84

Valid cases: 202
 Invalid: 0

test_q_5_9 (test_q_5_9)

File: data

Overview

Type: Discrete
 Format: character
 Width: 8

Valid cases: 344
 Invalid: 0

test_c_5_9 (test_c_5_9)

File: data

Overview

Type: Discrete
 Format: character
 Width: 255

Valid cases: 131

test_score (test_score)

File: data

Overview

Type: Discrete
 Format: character
 Width: 13

Valid cases: 344
 Invalid: 0

post_q_6_1 (post_q_6_1)

File: data

Overview

Type: Discrete
 Format: character
 Width: 5

Valid cases: 344
 Invalid: 0

post_c_6_1 (post_c_6_1)

File: data

Overview

Type: Discrete
 Format: character
 Width: 67

Valid cases: 47
 Invalid: 0

post_q_6_2 (post_q_6_2)

File: data

Overview

Type: Discrete
 Format: character
 Width: 2

Valid cases: 344
 Invalid: 0

post_c_6_2 (post_c_6_2)

File: data

Overview

Type: Discrete
 Format: character
 Width: 96

Valid cases: 44
 Invalid: 0

post_q_6_3 (post_q_6_3)

File: data

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 0-10

Valid cases: 344
 Invalid: 7
 Minimum: 0
 Maximum: 10
 Mean: 0.8
 Standard deviation: 0.6

post_c_6_3 (post_c_6_3)

File: data

Overview

Type: Discrete
 Format: character
 Width: 93

Valid cases: 119
 Invalid: 0

post_q_6_4 (post_q_6_4)

File: data

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 0-5

Valid cases: 344
 Invalid: 7
 Minimum: 0
 Maximum: 5
 Mean: 0.7
 Standard deviation: 0.5

post_c_6_4 (post_c_6_4)

File: data

Overview

Type: Discrete
 Format: character
 Width: 85

Valid cases: 105
 Invalid: 0

post_q_6_5 (post_q_6_5)

File: data

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 0-11

Valid cases: 345
 Invalid: 6
 Minimum: 0
 Maximum: 11
 Mean: 0.5
 Standard deviation: 0.8

post_c_6_5 (post_c_6_5)

File: data

Overview

Type: Discrete
Format: character
Width: 255

Valid cases: 197

post_q_6_6 (post_q_6_6)
File: data

Overview

Type: Continuous
Format: numeric
Decimals: 2
Range: 0-12

Valid cases: 345
Invalid: 6
Minimum: 0
Maximum: 12
Mean: 0.5
Standard deviation: 0.8

post_c_6_6 (post_c_6_6)
File: data

Overview

Type: Discrete
Format: character
Width: 255

Valid cases: 186

post_q_6_7 (post_q_6_7)
File: data

Overview

Type: Continuous
Format: numeric
Decimals: 2
Range: 0-64

Valid cases: 345
Invalid: 6
Minimum: 0
Maximum: 64
Mean: 1.1
Standard deviation: 3.4

post_c_6_7 (post_c_6_7)
File: data

Overview

Type: Discrete
Format: character
Width: 255

Valid cases: 41

post_q_6_8 (post_q_6_8)
File: data

Overview

Type: Discrete
Format: character
Width: 8

Valid cases: 345
Invalid: 0

post_c_6_8 (post_c_6_8)

File: data

Overview

Type: Discrete
 Format: character
 Width: 255

Valid cases: 68

post_q_6_9 (post_q_6_9)

File: data

Overview

Type: Discrete
 Format: character
 Width: 16

Valid cases: 345
 Invalid: 0

post_c_6_9 (post_c_6_9)

File: data

Overview

Type: Discrete
 Format: character
 Width: 255

Valid cases: 126

post_score (post_score)

File: data

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 0-21

Valid cases: 345
 Invalid: 6
 Minimum: 0
 Maximum: 21
 Mean: 6.5
 Standard deviation: 1.9

eqa_q_7_1 (eqa_q_7_1)

File: data

Overview

Type: Discrete
 Format: character
 Width: 2

Valid cases: 344
 Invalid: 0

eqa_c_7_1 (eqa_c_7_1)

File: data

Overview

Type: Discrete
 Format: character
 Width: 255

Valid cases: 176

eqa_q_7_2 (eqa_q_7_2)

File: data

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 0-10

Valid cases: 344
 Invalid: 7
 Minimum: 0
 Maximum: 10
 Mean: 0.4
 Standard deviation: 0.7

eqa_c_7_2 (eqa_c_7_2)

File: data

Overview

Type: Discrete
 Format: character
 Width: 61

Valid cases: 164
 Invalid: 0

eqa_q_7_3 (eqa_q_7_3)

File: data

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 0-5

Valid cases: 344
 Invalid: 7
 Minimum: 0
 Maximum: 5
 Mean: 0.3
 Standard deviation: 0.5

eqa_c_7_3 (eqa_c_7_3)

File: data

Overview

Type: Discrete
 Format: character
 Width: 76

Valid cases: 175
 Invalid: 0

eqa_q_7_4 (eqa_q_7_4)

File: data

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 0-11

Valid cases: 344
 Invalid: 7
 Minimum: 0
 Maximum: 11
 Mean: 0.3
 Standard deviation: 0.7

eqa_c_7_4 (eqa_c_7_4)

File: data

Overview

Type: Discrete
Format: character
Width: 75

Valid cases: 187
Invalid: 0

eqa_q_7_5 (eqa_q_7_5)
File: data

Overview

Type: Continuous
Format: numeric
Decimals: 2
Range: 0-12

Valid cases: 344
Invalid: 7
Minimum: 0
Maximum: 12
Mean: 0.2
Standard deviation: 0.7

eqa_c_7_5 (eqa_c_7_5)
File: data

Overview

Type: Discrete
Format: character
Width: 67

Valid cases: 218
Invalid: 0

eqa_q_7_6 (eqa_q_7_6)
File: data

Overview

Type: Continuous
Format: numeric
Decimals: 2
Range: 0-9

Valid cases: 344
Invalid: 7
Minimum: 0
Maximum: 9
Mean: 0.4
Standard deviation: 0.7

eqa_c_7_6 (eqa_c_7_6)
File: data

Overview

Type: Discrete
Format: character
Width: 68

Valid cases: 145
Invalid: 0

eqa_q_7_7 (eqa_q_7_7)
File: data

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 0-9

Valid cases: 344
 Invalid: 7
 Minimum: 0
 Maximum: 9
 Mean: 0.3
 Standard deviation: 0.6

eqa_c_7_7 (eqa_c_7_7)

File: data

Overview

Type: Discrete
 Format: character
 Width: 50

Valid cases: 179
 Invalid: 0

eqa_q_7_8 (eqa_q_7_8)

File: data

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 0-12.5

Valid cases: 344
 Invalid: 7
 Minimum: 0
 Maximum: 12.5
 Mean: 0.2
 Standard deviation: 0.8

eqa_c_7_8 (eqa_c_7_8)

File: data

Overview

Type: Discrete
 Format: character
 Width: 92

Valid cases: 187
 Invalid: 0

sampleretesting (sampleretesting)

File: data

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 244
 Invalid: 0

eqa_q_7_9 (eqa_q_7_9)

File: data

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 0-0

Valid cases: 1
 Invalid: 350

eqa_c_7_9 (eqa_c_7_9)

File: data

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 1
Invalid: 0

eqa_q_7_10 (eqa_q_7_10)

File: data

Overview

Type: Discrete
Format: numeric
Decimals: 0
Range: 0-0

Valid cases: 1
Invalid: 350

eqa_c_7_10 (eqa_c_7_10)

File: data

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 1
Invalid: 0

eqa_q_7_11 (eqa_q_7_11)

File: data

Overview

Type: Discrete
Format: numeric
Decimals: 0
Range: 0-0

Valid cases: 1
Invalid: 350

eqa_c_7_11 (eqa_c_7_11)

File: data

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 1
Invalid: 0

eqa_q_7_12 (eqa_q_7_12)

File: data

Overview

Type: Discrete
Format: numeric
Decimals: 0
Range: 0-0

Valid cases: 1
Invalid: 350

eqa_c_7_12 (eqa_c_7_12)

File: data

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 1
 Invalid: 0

eqa_q_7_13 (eqa_q_7_13)

File: data

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 0-0

Valid cases: 1
 Invalid: 350

eqa_c_7_13 (eqa_c_7_13)

File: data

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 1
 Invalid: 0

eqa_q_7_14 (eqa_q_7_14)

File: data

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 0-0

Valid cases: 1
 Invalid: 350

eqa_c_7_14 (eqa_c_7_14)

File: data

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 1
 Invalid: 0

eqa_max_score (eqa_max_score)

File: data

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 8-14

Valid cases: 343
 Invalid: 8

eqa_req (eqa_req)

File: data

Overview

Type: Continuous	Valid cases: 343
Format: numeric	Invalid: 8
Decimals: 2	Minimum: 0
Range: 0-8	Maximum: 8
	Mean: 2.2
	Standard deviation: 2.6

eqa_opt (eqa_opt)

File: data

Overview

Type: Discrete	Valid cases: 1
Format: numeric	Invalid: 350
Decimals: 0	
Range: 0-0	

eqa_score (eqa_score)

File: data

Overview

Type: Continuous	Valid cases: 343
Format: numeric	Invalid: 8
Decimals: 2	Minimum: 0
Range: 0-8	Maximum: 8
	Mean: 2.2
	Standard deviation: 2.6

final_audit_score (final_audit_score)

File: data

Overview

Type: Continuous	Valid cases: 343
Format: numeric	Invalid: 8
Decimals: 2	Minimum: 18
Range: 18-59	Maximum: 59
	Mean: 39.7
	Standard deviation: 8.8

max_audit_score (max_audit_score)

File: data

Overview

Type: Discrete	Valid cases: 343
Format: numeric	Invalid: 8
Decimals: 0	
Range: 64-70	

audit_score_percantage (audit_score_percantage)

File: data

Overview

Type: Continuous	Valid cases: 343
Format: numeric	Invalid: 8
Decimals: 2	Minimum: 28.1
Range: 28.125-92.1875	Maximum: 92.2
	Mean: 62.1
	Standard deviation: 13.8

status (status)

File: data

Overview

Type: Discrete	Valid cases: 343
Format: character	Invalid: 0
Width: 8	

provdhis (provdhis)

File: data

Overview

Type: Discrete	Valid cases: 343
Format: character	Invalid: 0
Width: 13	

distdhis (distdhis)

File: data

Overview

Type: Discrete	Valid cases: 343
Format: character	Invalid: 0
Width: 25	

settingdhis (settingdhis)

File: data

Overview

Type: Discrete	Valid cases: 343
Format: character	Invalid: 0
Width: 5	

stratum (stratum)

File: data

Overview

Type: Continuous
Format: numeric
Decimals: 0
Range: 1-26

Valid cases: 342
Invalid: 9
Minimum: 1
Maximum: 26
Mean: 11.8
Standard deviation: 6

prov (prov)

File: data

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 343
Invalid: 0

district (district)

File: data

Overview

Type: Discrete
Format: character
Width: 28

Valid cases: 343
Invalid: 0

personal_Max_score (personal_Max_score)

File: data

Overview

Type: Discrete
Format: numeric
Decimals: 0
Range: 10-10

Valid cases: 343
Invalid: 8

personal_score_percentage (personal_score_percentage)

File: data

Overview

Type: Continuous
Format: numeric
Decimals: 0
Range: 0-90

Valid cases: 343
Invalid: 8
Minimum: 0
Maximum: 90
Mean: 33.7
Standard deviation: 22.2

physical_Max_score (physical_Max_score)

File: data

Overview

Type: Discrete
Format: numeric
Decimals: 0
Range: 5-5

Valid cases: 343
Invalid: 8

physical_score_percentage (physical_score_percentage)

File: data

Overview

Type: Continuous	Valid cases: 343
Format: numeric	Invalid: 8
Decimals: 0	Minimum: 0
Range: 0-100	Maximum: 100
	Mean: 85.6
	Standard deviation: 17

safety_Max_score (safety_Max_score)

File: data

Overview

Type: Discrete	Valid cases: 343
Format: numeric	Invalid: 8
Decimals: 0	
Range: 11-11	

safety_score_percentage (safety_score_percentage)

File: data

Overview

Type: Continuous	Valid cases: 343
Format: numeric	Invalid: 8
Decimals: 2	Minimum: 18.2
Range: 18.181818-100	Maximum: 100
	Mean: 76.9
	Standard deviation: 17.2

pretest_Max_score (pretest_Max_score)

File: data

Overview

Type: Discrete	Valid cases: 343
Format: numeric	Invalid: 8
Decimals: 0	
Range: 12-12	

pretest_score_percentage (pretest_score_percentage)

File: data

Overview

Type: Continuous	Valid cases: 343
Format: numeric	Invalid: 8
Decimals: 2	Minimum: 33.3
Range: 33.333332-100	Maximum: 100
	Mean: 82.2
	Standard deviation: 12.9

test_Max_score (test_Max_score)

File: data

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 9-9

Valid cases: 343
 Invalid: 8

test_score_percentage (test_score_percentage)

File: data

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 0-100

Valid cases: 343
 Invalid: 8
 Minimum: 0
 Maximum: 100
 Mean: 55.9
 Standard deviation: 28.2

post_Max_score (post_Max_score)

File: data

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 9-9

Valid cases: 343
 Invalid: 8

post_score_percentage (post_score_percentage)

File: data

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 0-100

Valid cases: 343
 Invalid: 8
 Minimum: 0
 Maximum: 100
 Mean: 72.1
 Standard deviation: 19

eqa_score_percentage (eqa_score_percentage)

File: data

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 0-100

Valid cases: 343
 Invalid: 8
 Minimum: 0
 Maximum: 100
 Mean: 27.8
 Standard deviation: 32.5

pepfarsite (pepfarsite)

File: data

Overview

Type: Discrete
Format: numeric
Decimals: 0
Range: 0-1

Valid cases: 343
Invalid: 8

ancsite (ancsite)

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