

ACHA Pap Test and STI Data Survey

for

Calendar Year 2009

Survey Data Report

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ACHA Calendar Year 2009 Pap Test and STI Data Survey – Data Report

2010 marked the 20th year that ACHA has surveyed member institutions to obtain information about their screening practices for cervical cytology and sexually transmitted infections, and to obtain selected test data for those conditions.

This clinically based survey collects institutional information about gynecologic services, Pap tests, and testing for STIs provided during calendar year 2009 (January 1-December 31).

Over the years the ACHA Pap Test and STI Survey has served as an important benchmarking tool regarding management strategies and data collection, as well as a means to assess educational efforts and compare health center services.

This data report provides the specific breakdown of responses for all questions in the Calendar Year 2009 survey. An additional slide presentation is available that presents selected information in summary chart form.

Methods and Notes

Survey questions were written by members of the ACHA Sexual Health and Clinical Care Coalition with assistance from ACHA staff. A survey questionnaire was designed using Vovici online survey software (Vovici, Inc.) and response data were analyzed using PSAW Statistics v18 (SPSS, Inc.).

The 2009 Calendar Year survey period opened on February 18, 2010 and closed on April 30, 2010. A total of 172 institutions/health centers completed the survey via an online web form. Not all respondents completed every question. Surveys were limited to one respondent per institution.

All respondents were volunteers and self-selected. The respondent institutions should not be considered representative of college health centers in the U.S. and extrapolation of this data to college populations in general may not be accurate.

For calculations of test result positivity in variables with numerical data, we excluded respondents that did not provide both a numerator and denominator in their response (i.e., both the number of positive tests and the number of tests done needed to be entered). For Pap test data, we required that the sum of values reported for all known results was within +/- 3% of the value reported for the total number of Pap tests done. In other words, respondents that were missing Pap result data in excess of 3% of expected totals were not included in the numeric analysis.

Explanation of Tables

For categorical variables (e.g., sections 1-3, 5, 7) the tables show the distribution of responses. The most relevant column to look at is labeled “valid percent”, which shows the proportion of that row response item for respondents answering the question. Frequency is the number of respondents (schools) recording an answer to the question.

Institution Type 

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Public 2-year	3	1.7	1.7	1.7
Private 2-year	1	.6	.6	2.3
Public 4-year	119	69.2	69.2	71.5
Private 4-year	49	28.5	28.5	100.0
Total	172	100.0	100.0	

For numeric variables (mostly sections 4 and 6) the tables show the sum and mean of data provided by respondents. “N” is the number of respondents (schools) recording an answer to the question. So in the example below, the sum is the total number of chlamydia tests done, as reported by 146 respondents; with a mean (average) of 1100 tests per school. Positivity is calculated as the # positive sum/# done sum.

Chlamydia tests, all patients (Q41)

Descriptive Statistics  

	N	Minimum	Maximum	Sum	Mean
CT ALL # done	146	2.00	5585.00	160640.00	1100.2740
CT ALL # pos	146	.00	257.00	6931.00	47.4726

Positivity: 4.3%

Institution Characteristics and Demographics**ACHA member**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	161	93.6	93.6	93.6
	No	11	6.4	6.4	100.0
	Total	172	100.0	100.0	

ACHA affiliate

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Southwest	16	9.3	9.3	9.3
	Southern	22	12.8	12.8	22.1
	North Central	15	8.7	8.7	30.8
	Central	8	4.7	4.7	35.5
	Rocky Mountain	5	2.9	2.9	38.4
	Mid-America	16	9.3	9.3	47.7
	Ohio	5	2.9	2.9	50.6
	Mid-Atlantic	30	17.4	17.4	68.0
	New York State	18	10.5	10.5	78.5
	New England	12	7.0	7.0	85.5
	Pacific	25	14.5	14.5	100.0
	Total	172	100.0	100.0	

Institution Type

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Public 2-year	3	1.7	1.7	1.7
	Private 2-year	1	.6	.6	2.3
	Public 4-year	119	69.2	69.2	71.5
	Private 4-year	49	28.5	28.5	100.0
	Total	172	100.0	100.0	

Institution Location

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Urban >1 million pop	19	11.0	11.0	11.0
Urban 100K-1million pop	50	29.1	29.1	40.1
Urban <100K pop	34	19.8	19.8	59.9
Suburban	34	19.8	19.8	79.7
Rural	35	20.3	20.3	100.0
Total	172	100.0	100.0	

Undergrad Enrollment Size

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid No undergrads	1	.6	.6	.6
< 1000	2	1.2	1.2	1.7
1000-1999	8	4.7	4.7	6.4
2000-4999	30	17.4	17.4	23.8
5000-9999	32	18.6	18.6	42.4
10000-14999	31	18.0	18.0	60.5
15000-19999	24	14.0	14.0	74.4
20000-24999	17	9.9	9.9	84.3
25000-29999	14	8.1	8.1	92.4
30000-39999	8	4.7	4.7	97.1
40000+	5	2.9	2.9	100.0
Total	172	100.0	100.0	

Grad/Prof Enrollment Size

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid No grad/prof	16	9.3	9.3	9.3
<1000	22	12.8	12.8	22.1
1000-1999	27	15.7	15.7	37.8
2000-4999	52	30.2	30.2	68.0
5000-9999	37	21.5	21.5	89.5
10000-14999	14	8.1	8.1	97.7
15000-19999	3	1.7	1.7	99.4
20000-24999	1	.6	.6	100.0
Total	172	100.0	100.0	

Institution: HBCU

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	170	98.8	98.8	98.8
	Yes	2	1.2	1.2	100.0
	Total	172	100.0	100.0	

Institution: MPI

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	171	99.4	99.4	99.4
	yes	1	.6	.6	100.0
	Total	172	100.0	100.0	

Institution: HSI

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	164	95.3	95.3	95.3
	yes	8	4.7	4.7	100.0
	Total	172	100.0	100.0	

Institution: TCU

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	171	99.4	99.4	99.4
	yes	1	.6	.6	100.0
	Total	172	100.0	100.0	

Institution: ANNH

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	169	98.3	98.3	98.3
	yes	3	1.7	1.7	100.0
	Total	172	100.0	100.0	

Institution: FBI

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	155	90.1	90.1	90.1
	yes	17	9.9	9.9	100.0
	Total	172	100.0	100.0	

Institution: Community Coll

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	168	97.7	97.7	97.7
yes	4	2.3	2.3	100.0
Total	172	100.0	100.0	

Institution: None of the above

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	49	28.5	28.5	28.5
yes	123	71.5	71.5	100.0
Total	172	100.0	100.0	

Institution: Attibutes Unknown

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	168	97.7	97.7	97.7
yes	4	2.3	2.3	100.0
Total	172	100.0	100.0	

Respondent Role

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid administrator	25	14.5	14.5	14.5
APC	77	44.8	44.8	59.3
health educator	2	1.2	1.2	60.5
HIM/QI staff	3	1.7	1.7	62.2
laboratorian	1	.6	.6	62.8
nurse	16	9.3	9.3	72.1
nurse director	17	9.9	9.9	82.0
physician	25	14.5	14.5	96.5
student affairs admin	1	.6	.6	97.1
other	5	2.9	2.9	100.0
Total	172	100.0	100.0	

Enrollment & Health Center Visits**Descriptive Statistics**

	N	Minimum	Maximum	Sum	Mean
Total student enrollment	172	439	67990	2951385	17159.22
Female enrollment percent	161	5	100	8717	54.14
Total medical visits	163	1200	104200	3692328	22652.32
Percent female visits	140	0	100	8658	61.84
WH visits #	138	0	45871	456106	3305.12
Valid N (listwise)	122				

Women's Health Provider Types**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
WH visits by RN %	102	0	100	13.24	21.977
WH visits by APC %	144	0	100	71.38	28.681
WH visits by PA %	85	0	82	10.29	18.695
WH visits by GYN %	77	0	100	8.54	17.345
WH visits by other MD%	119	0	100	19.70	22.757
WH visits by nonproviders %	61	0	43	1.84	6.889
WH visits by other %	57	0	28	1.82	5.618
Valid N (listwise)	55				

Women's Health Services and Practices**Cytology Screening and Follow-up Services Offered****WH service: Cytology conventional**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	not offered	139	80.8	80.8	80.8
	offered	33	19.2	19.2	100.0
	Total	172	100.0	100.0	

WH service: Cytology liquid no reflex

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	not offered	74	43.0	43.0	43.0
	offered	98	57.0	57.0	100.0
	Total	172	100.0	100.0	

WH service: Cytology liquid w/ reflex

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	not offered	25	14.5	14.5	14.5
	offered	147	85.5	85.5	100.0
	Total	172	100.0	100.0	

WH service: Colposcopy

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	not offered	115	66.9	66.9	66.9
	offered	57	33.1	33.1	100.0
	Total	172	100.0	100.0	

WH service: Cryotherapy

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	not offered	132	76.7	76.7	76.7
	offered	40	23.3	23.3	100.0
	Total	172	100.0	100.0	

WH service: Laser

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	not offered	172	100.0	100.0	100.0

WH service: LEEP

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid not offered	158	91.9	91.9	91.9
offered	14	8.1	8.1	100.0
Total	172	100.0	100.0	

WH service: none of these

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid not offered	165	95.9	95.9	95.9
offered	7	4.1	4.1	100.0
Total	172	100.0	100.0	

WH service: other

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid not offered/NA	167	97.1	97.1	97.1
offered	5	2.9	2.9	100.0
Total	172	100.0	100.0	

Screening and Management of Pap Smears**Coitarche age asked?**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	135	78.5	78.9	78.9
no	36	20.9	21.1	100.0
Total	171	99.4	100.0	
Missing System	1	.6		
Total	172	100.0		

Current Pap initiation practice

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 3 yrs after first sex or age 21	76	44.2	44.2	44.2
age 18	3	1.7	1.7	45.9
age 21	75	43.6	43.6	89.5
at onset of sexual activity	11	6.4	6.4	95.9
varies, no standard rec	7	4.1	4.1	100.0
Total	172	100.0	100.0	

ASCUS mgmt practices, age<21

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	HPV DNA test	34	19.8	21.0	21.0
	Repeat Pap @ 4-6 mo	18	10.5	11.1	32.1
	Repeat Pap @12 months	101	58.7	62.3	94.4
	Varies, no standard practice	9	5.2	5.6	100.0
	Total	162	94.2	100.0	
Missing	System	10	5.8		
Total		172	100.0		

ASCUS mgmt> practices, age >20

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	HPV DNA test	125	72.7	75.3	75.3
	Repeat Pap @ 4-6 mo	25	14.5	15.1	90.4
	Repeat Pap @ 12 months	3	1.7	1.8	92.2
	Immediate colposcopy	5	2.9	3.0	95.2
	Varies, no standard practice	8	4.7	4.8	100.0
	Total	166	96.5	100.0	
Missing	System	6	3.5		
Total		172	100.0		

Tracking via logbook

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	not used	120	69.8	69.8	69.8
	used	52	30.2	30.2	100.0
	Total	172	100.0	100.0	

Tracking via tickler file

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	not used	101	58.7	58.7	58.7
	used	71	41.3	41.3	100.0
	Total	172	100.0	100.0	

Tracking via lab provider

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid not used	104	60.5	60.5	60.5
used	68	39.5	39.5	100.0
Total	172	100.0	100.0	

Tracking via EHR

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid not used	124	72.1	72.1	72.1
used	48	27.9	27.9	100.0
Total	172	100.0	100.0	

Tracking via computer

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid not used	167	97.1	97.1	97.1
used	5	2.9	2.9	100.0
Total	172	100.0	100.0	

Tracking no system

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid not used	161	93.6	93.6	93.6
used	11	6.4	6.4	100.0
Total	172	100.0	100.0	

Tracking system other

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid not used	82	47.7	47.7	47.7
used	90	52.3	52.3	100.0
Total	172	100.0	100.0	

CONTRACEPTION AND PREGNANCY SERVICES**Contraception Services Provided****Contraception - education & advice**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	9	5.2	5.2	5.2
yes	163	94.8	94.8	100.0
Total	172	100.0	100.0	

Contraception - OCP Rx

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	12	7.0	7.0	7.0
yes	160	93.0	93.0	100.0
Total	172	100.0	100.0	

Contraception - OCP dispensed

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	37	21.5	21.5	21.5
yes	135	78.5	78.5	100.0
Total	172	100.0	100.0	

Contraception - IUD insertions

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	126	73.3	73.3	73.3
yes	46	26.7	26.7	100.0
Total	172	100.0	100.0	

Contraception - Injectable admin

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	17	9.9	9.9	9.9
yes	155	90.1	90.1	100.0
Total	172	100.0	100.0	

Contraception - Other hormonal Rx or dispensed

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	19	11.0	11.0	11.0
yes	153	89.0	89.0	100.0
Total	172	100.0	100.0	

Contraception - Intradermal admin

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	140	81.4	81.4	81.4
yes	32	18.6	18.6	100.0
Total	172	100.0	100.0	

Contraception - condoms provided free

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	29	16.9	16.9	16.9
yes	143	83.1	83.1	100.0
Total	172	100.0	100.0	

Contraception - condoms for sale

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	82	47.7	47.7	47.7
yes	90	52.3	52.3	100.0
Total	172	100.0	100.0	

Contraception - other barrier method rx

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	60	34.9	34.9	34.9
yes	112	65.1	65.1	100.0
Total	172	100.0	100.0	

Contraception - other barrier method disp

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	118	68.6	68.6	68.6
yes	54	31.4	31.4	100.0
Total	172	100.0	100.0	

Contraception - vasectomies performed

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	171	99.4	99.4	99.4
yes	1	.6	.6	100.0
Total	172	100.0	100.0	

Contraception - fertility awareness education

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	62	36.0	36.0	36.0
yes	110	64.0	64.0	100.0
Total	172	100.0	100.0	

Contraception - ECP rx or dispensed

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	25	14.5	14.5	14.5
yes	147	85.5	85.5	100.0
Total	172	100.0	100.0	

Contraception - no services provided

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	167	97.1	97.1	97.1
yes	5	2.9	2.9	100.0
Total	172	100.0	100.0	

Contraception - refer students elsewhere

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	37	21.5	90.2	90.2
2	4	2.3	9.8	100.0
Total	41	23.8	100.0	
Missing System	131	76.2		
Total	172	100.0		

Pregnancy Testing and Referral**Pgcy tests offered?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes, provider performed	118	68.6	70.2	70.2
	yes, lab performed	47	27.3	28.0	98.2
	no, not offered	3	1.7	1.8	100.0
	Total	168	97.7	100.0	
Missing	System	4	2.3		
Total		172	100.0		

Pgcy test data tracked?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	78	45.3	46.4	46.4
	no	87	50.6	51.8	98.2
	tests not done	3	1.7	1.8	100.0
	Total	168	97.7	100.0	
Missing	System	4	2.3		
Total		172	100.0		

Pgcy data available?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	82	47.7	70.1	70.1
	no	6	3.5	5.1	75.2
	uncertain	29	16.9	24.8	100.0
	Total	117	68.0	100.0	
Missing	System	55	32.0		
Total		172	100.0		

Pgcy services - all options counseling

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	27	15.7	15.7	15.7
	yes	145	84.3	84.3	100.0
	Total	172	100.0	100.0	

Pregnancy Testing and Referral**Pgcy services - limited counseling**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	145	84.3	84.3	84.3
yes	27	15.7	15.7	100.0
Total	172	100.0	100.0	

Pgcy services - adoption referral

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	59	34.3	34.3	34.3
yes	113	65.7	65.7	100.0
Total	172	100.0	100.0	

Pgcy services - abortion referral

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	52	30.2	30.2	30.2
yes	120	69.8	69.8	100.0
Total	172	100.0	100.0	

Pgcy services - prenatal referral

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	39	22.7	22.7	22.7
yes	133	77.3	77.3	100.0
Total	172	100.0	100.0	

Pgcy services - prenatal provided

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	166	96.5	96.5	96.5
yes	6	3.5	3.5	100.0
Total	172	100.0	100.0	

Pgcy services - ab provided

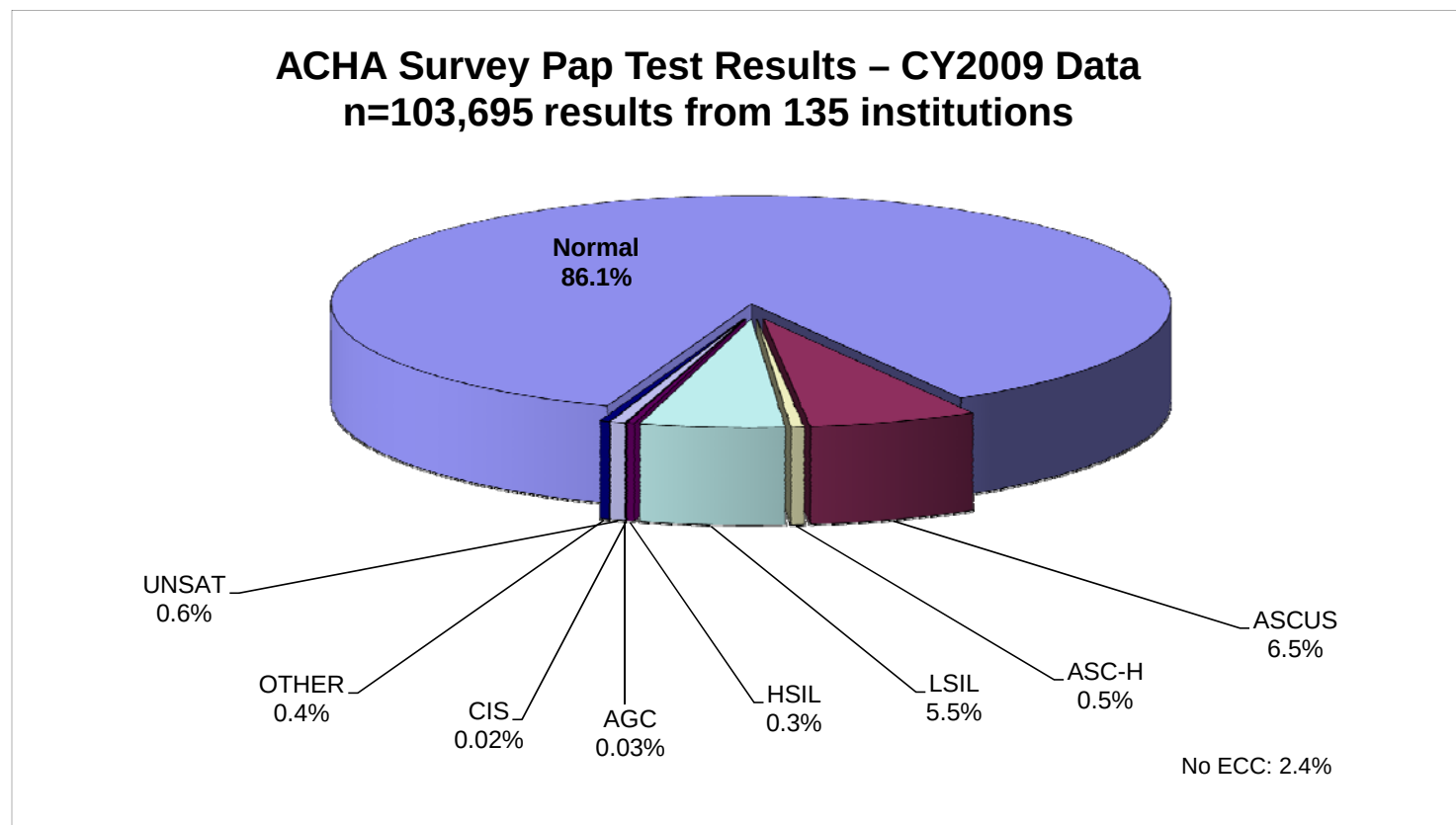
	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	172	100.0	100.0	100.0

Pregnancy Testing and Referral**Pgcy services - none**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	171	99.4	99.4	99.4
	yes	1	.6	.6	100.0
	Total	172	100.0	100.0	

2010 ACHA Pap/STI Survey Pap Smear Analysis (2009 CY Data)

	# institutions	Paps Done	Normal	ASCUS	ASC-H	LSIL	HSIL	CIS	AGC	UNSAT	OTHER	NoECC	Sum	# missing	% missing
raw data:	166	133105	110871	8276	678	7045	392	16	40	768	478	2916	128564	4541	3.4%
adjusted data:	135	103695	89220	6738	519	5745	302	16	36	599	399	2466	103574	121	0.1%
adjusted result:			86.0%	6.5%	0.5%	5.5%	0.3%	0.0%	0.0%	0.6%	0.4%	2.4%			
total excluded:	31	29410	22.1%												



note: 29,410 tests reported by 31 institutions had incomplete or missing results and are excluded from this analysis

8/5/2010

STI TESTING PRACTICES**STI screening for females**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	162	94.2	95.9	95.9
	no	7	4.1	4.1	100.0
	Total	169	98.3	100.0	
Missing	System	3	1.7		
Total		172	100.0		

STI screening for males

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	155	90.1	91.7	91.7
	no	14	8.1	8.3	100.0
	Total	169	98.3	100.0	
Missing	System	3	1.7		
Total		172	100.0		

STI screening for CT

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	7	4.1	4.1	4.1
	yes	165	95.9	95.9	100.0
	Total	172	100.0	100.0	

STI screening for GC

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	10	5.8	5.8	5.8
	yes	162	94.2	94.2	100.0
	Total	172	100.0	100.0	

STI screening for HBV

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	60	34.9	34.9	34.9
	yes	112	65.1	65.1	100.0
	Total	172	100.0	100.0	

STI screening for HCV

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	64	37.2	37.2	37.2
yes	108	62.8	62.8	100.0
Total	172	100.0	100.0	

STI screening for HSV

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	61	35.5	35.5	35.5
yes	111	64.5	64.5	100.0
Total	172	100.0	100.0	

STI screening for HIV

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	17	9.9	9.9	9.9
yes	155	90.1	90.1	100.0
Total	172	100.0	100.0	

STI screenign for Syphilis

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	18	10.5	10.5	10.5
yes	154	89.5	89.5	100.0
Total	172	100.0	100.0	

STI screening for Trich

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	67	39.0	39.0	39.0
yes	105	61.0	61.0	100.0
Total	172	100.0	100.0	

STI screening none offered

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	168	97.7	97.7	97.7
yes	4	2.3	2.3	100.0
Total	172	100.0	100.0	

STI screening other tests

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	167	97.1	97.1	97.1
yes	5	2.9	2.9	100.0
Total	172	100.0	100.0	

CT screening of females <26

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	151	87.8	88.8	88.8
no	19	11.0	11.2	100.0
Total	170	98.8	100.0	
Missing System	2	1.2		
Total	172	100.0		

CT test type done, females

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid cervical	116	67.4	68.6	68.6
vaginal	3	1.7	1.8	70.4
urine	17	9.9	10.1	80.5
varies	29	16.9	17.2	97.6
none	4	2.3	2.4	100.0
Total	169	98.3	100.0	
Missing System	3	1.7		
Total	172	100.0		

CT test type done, males

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid urethral	16	9.3	9.5	9.5
urine	136	79.1	81.0	90.5
varies	11	6.4	6.5	97.0
none	5	2.9	3.0	100.0
Total	168	97.7	100.0	
Missing System	4	2.3		
Total	172	100.0		

STI cost coverage

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	all costs charged	81	47.1	48.2	48.2
	some costs charged	58	33.7	34.5	82.7
	no costs charged - free testing	11	6.4	6.5	89.3
	not applicable	5	2.9	3.0	92.3
	some tests provided for free	13	7.6	7.7	100.0
	Total	168	97.7	100.0	
Missing	System	4	2.3		
Total		172	100.0		

HIV test types offered

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	anonymous	2	1.2	1.2	1.2
	confidential	105	61.0	64.4	65.6
	both	47	27.3	28.8	94.5
	neither/no testing offered	9	5.2	5.5	100.0
	Total	163	94.8	100.0	
Missing	System	9	5.2		
Total		172	100.0		

HIV test method - std blood

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	40	23.3	23.3	23.3
	yes	132	76.7	76.7	100.0
	Total	172	100.0	100.0	

HIV test method - std oral

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no	149	86.6	86.6	86.6
	yes	23	13.4	13.4	100.0
	Total	172	100.0	100.0	

HIV test method - rapid blood

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	138	80.2	80.2	80.2
yes	34	19.8	19.8	100.0
Total	172	100.0	100.0	

HIV test method - rapid oral

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	140	81.4	81.4	81.4
yes	32	18.6	18.6	100.0
Total	172	100.0	100.0	

HIV test method - none done

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	166	96.5	96.5	96.5
yes	6	3.5	3.5	100.0
Total	172	100.0	100.0	

HIV test method - other

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	172	100.0	100.0	100.0

HIV test method specify

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	170	98.8	98.8	98.8
h	1	.6	.6	99.4
l	1	.6	.6	100.0
Total	172	100.0	100.0	

HSV test method - culture

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	34	19.8	19.8	19.8
yes	138	80.2	80.2	100.0
Total	172	100.0	100.0	

HSV test method - PCR

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	137	79.7	79.7	79.7
yes	35	20.3	20.3	100.0
Total	172	100.0	100.0	

HSV test method - TSS

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	52	30.2	30.2	30.2
yes	120	69.8	69.8	100.0
Total	172	100.0	100.0	

HSV test method - antigen

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	167	97.1	97.1	97.1
yes	5	2.9	2.9	100.0
Total	172	100.0	100.0	

HSV test method - Tzank

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	164	95.3	95.3	95.3
yes	8	4.7	4.7	100.0
Total	172	100.0	100.0	

HSV test method - other

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid no	170	98.8	98.8	98.8
yes	2	1.2	1.2	100.0
Total	172	100.0	100.0	

2010 ACHA Pap-STI Survey: STI Test Result Data for CY2009

Chlamydia tests, all patients (Q41)

Descriptive Statistics

	N	Minimum	Maximum	Sum	Mean
CT ALL # done	146	2.00	5585.00	160640.00	1100.2740
CT ALL # pos	146	.00	257.00	6931.00	47.4726
	146				

*Positivity: 4.3%***Chlamydia tests, females (Q42)**

Descriptive Statistics

	N	Minimum	Maximum	Sum	Mean
CT Female # done	107	1.00	3996.00	83547.00	780.8131
CT Female # pos	107	.00	134.00	2878.00	26.8972

*Positivity: 3.5%***Chlamydia tests, males (Q43)**

Descriptive Statistics

	N	Minimum	Maximum	Sum	Mean
CT Male # done	106	.00	1573.00	24992.00	235.7736
CT Male # pos	107	.00	75.00	1765.00	16.4953

Positivity: 7.1%

Gonorrhea tests, all patients (Q44)**Descriptive Statistics**

	N	Minimum	Maximum	Sum	Mean
GC ALL # done	143	2.00	5103.00	139736.00	977.1748
GC ALL # pos	145	.00	54.00	857.00	5.9103

*Positivity: 0.6%***Gonorrhea tests, female (Q45)****Descriptive Statistics**

	N	Minimum	Maximum	Sum	Mean
GC Female # done	107	1.00	3205.00	69643.00	650.8692
GC Female # pos	108	.00	42.00	225.00	2.0833

*Positivity: 0.3%***Gonorrhea tests, male (Q46)****Descriptive Statistics**

	N	Minimum	Maximum	Sum	Mean
GC Male # done	106	.00	1754.00	24193.00	228.2358
GC Male # pos	109	.00	21.00	323.00	2.9633

Positivity: 1.3%

HIV tests, all patients (Q47)**Descriptive Statistics**

	N	Minimum	Maximum	Sum	Mean
HIV total # done	130	.00	2550.00	52873.00	406.7154
HIV all # pos	130	.00	4.00	48.00	.3692

*Positivity: 0.1%***Syphilis tests, all patients (Q50)****Descriptive Statistics**

	N	Minimum	Maximum	Sum	Mean
Syph total # done	138	.00	2070.00	34861.00	252.6159
Syph all # pos	138	.00	11.00	79.00	.5725

*Positivity: 0.2%***Trichomoniasis diagnoses, female (Q55)****Descriptive Statistics**

	N	Minimum	Maximum	Sum	Mean
Trich # dx made	145	.00	65.00	727.00	5.0138

Herpes tests, all patients (Q52) (culture or PCR of lesions)**Descriptive Statistics**

	N	Minimum	Maximum	Sum	Mean
HSV all # done	141	.00	530.00	8232.00	58.3830
HSV all # POS 2	101	.00	46.00	582.00	5.7624
HSV all # POS 1	94	.00	53.00	1033.00	10.9894
HSV all # POS unk	89	.00	172.00	609.00	6.8427

For positives with known type: 64.0 % HSV1, 36.0% HSV2

Herpes tests, females (Q53) (culture or PCR of lesions)**Descriptive Statistics**

	N	Minimum	Maximum	Sum	Mean
HSV Female # done	104	.00	313	3356	32.26
HSV Female # pos2	172	1	19	830	4.83
HSV Female # pos1	172	1	29	1098	6.38
HSV Female #pos unk	172	1	17	413	2.40

For positives with known type: 57.0 % HSV1, 43.0% HSV2

Herpes tests, males (Q54) (culture or PCR of lesions)**Descriptive Statistics**

	N	Minimum	Maximum	Sum	Mean
HSV Male # done	102	.00	217	1522	14.92
HSV Male #pos2	172	1	11	361	2.10
HSV Male #pos1	172	1	15	529	3.08
HSV Male #pos unk	172	1	10	307	1.78

For positives with known type: 59.4% HSV1, 40.6% HSV2

2010 ACHA Pap-STI Survey: STI Test Result Data for CY2009

Test Positivity -- Summary Findings

Q41 Chlamydia tests, all patients	<i>positivity: 4.3%</i>
Q42 Chlamydia tests, females	<i>positivity: 3.5%</i>
Q43 Chlamydia tests, males	<i>positivity: 7.1%</i>
Q44 Gonorrhea tests, all patients	<i>positivity: 0.6%</i>
Q45 Gonorrhea tests, female	<i>positivity: 0.3%</i>
Q46 Gonorrhea tests, male	<i>positivity: 1.3%</i>
Q47 HIV tests, all patients	<i>positivity: 0.1%</i>
Q50 Syphilis tests, all patients	<i>positivity: 0.2%</i>
Q52 Herpes tests, all patients	<i>typed positives: 64.0 % HSV1, 36.0% HSV2</i>
Q53 Herpes tests, females	<i>typed positives: 57.0 % HSV1, 43.0% HSV2</i>
Q54 Herpes tests, males	<i>typed positives: 59.4% HSV1, 40.6% HSV2</i>
Q55 Trichomoniasis diagnoses, female	<i>n= 727, mean 5 cases/school</i>

HPV Vaccine -- Doses Given**Descriptive Statistics**

	N	Minimum	Maximum	Sum	Mean
HPV vaccine, # doses total	148	0	2555	28719	194.05
HPV vaccine # doses female	126	0	2555	24433	193.91
HPV vaccine # doses male	109	0	23	87	.80
Valid N (listwise)	106				

HPV Vaccine -- Students Immunized**Descriptive Statistics**

	N	Minimum	Maximum	Sum	Mean
HPV vaccine # students total	124	0	1070	15454	124.63
HPV vaccine # students female	106	0	1070	13720	129.43
HPV vaccine # students male	88	0	17	65	.74
Valid N (listwise)	88				

GYT Campaign Participation**GYT participant in 2009**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes	41	23.8	24.3	24.3
no	128	74.4	75.7	100.0
Total	169	98.3	100.0	
Missing System	3	1.7		
Total	172	100.0		

GYT specials offered 2009

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	64	37.2	37.2	37.2
No	39	22.7	22.7	59.9
3	69	40.1	40.1	100.0
Total	172	100.0	100.0	