

# ACHA 2011 Pap and STI Survey

for

## Calendar Year 2010 Data

Survey Data Report

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## ACHA 2011 Pap and STI Data Survey – Data Report

2011 marked the 21st 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 2010 (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 2010 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 2010 Calendar Year survey period opened on March 8, 2011 and closed on May 31, 2011. A total of 174 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 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 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%*

## ACHA 2011 Pap/STI Survey -- Demographic Characteristics

### Respondent Institutional Data

#### ACHA member

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	158	90.8	91.9	91.9
	No	12	6.9	7.0	98.8
	Unknown	2	1.1	1.2	100.0
	Total	172	98.9	100.0	
Missing	System	2	1.1		
Total		174	100.0		

#### Affiliate

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	SW CHA	16	9.2	9.3	9.3
	Southern CHA	28	16.1	16.3	25.6
	North Central CHA	12	6.9	7.0	32.6
	Central CHA	6	3.4	3.5	36.0
	Rocky Mtn CHA	5	2.9	2.9	39.0
	Mid-America CHA	12	6.9	7.0	45.9
	Ohio CHA	6	3.4	3.5	49.4
	Mid-Atlantic CHA	28	16.1	16.3	65.7
	NYState CHA	21	12.1	12.2	77.9
	NewEngland CHA	8	4.6	4.7	82.6
	Pacific CHA	30	17.2	17.4	100.0
	Total		172	98.9	100.0
Missing	System	2	1.1		
Total		174	100.0		

**Institution Type**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Public 2yr	3	1.7	1.7	1.7
	Public 4yr	117	67.2	68.0	69.8
	Private 4yr	52	29.9	30.2	100.0
	Total	172	98.9	100.0	
Missing	System	2	1.1		
Total		174	100.0		

**Campus Location**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Urban >1million	29	16.7	16.7	16.7
	Urban 100K-1Million	52	29.9	29.9	46.6
	Urban <100K	25	14.4	14.4	60.9
	Suburban	38	21.8	21.8	82.8
	Rural	30	17.2	17.2	100.0
	Total	174	100.0	100.0	

**Undergrad Enrollment**

Enrollment Size		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no undergrads	3	1.7	1.7	1.7
	under 1000	2	1.1	1.2	2.9
	1000-1999	7	4.0	4.0	6.9
	2000-4999	33	19.0	19.1	26.0
	5000-9999	34	19.5	19.7	45.7
	10000-14999	27	15.5	15.6	61.3
	15000-19999	25	14.4	14.5	75.7
	20000-24999	18	10.3	10.4	86.1
	25000-29999	12	6.9	6.9	93.1
	30000-39999	8	4.6	4.6	97.7
	40000+	4	2.3	2.3	100.0
	Total	173	99.4	100.0	
Missing	System	1	.6		
Total		174	100.0		

**Grad-Prof Enrollment**

Enrollment Size		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	no grad/prof	9	5.2	5.2	5.2
	<1000	26	14.9	15.0	20.2
	1000-1999	27	15.5	15.6	35.8
	2000-4999	56	32.2	32.4	68.2
	5000-9999	42	24.1	24.3	92.5
	10000-14999	7	4.0	4.0	96.5
	15000-19999	5	2.9	2.9	99.4
	30000-39999	1	.6	.6	100.0
	Total	173	99.4	100.0	
Missing	System	1	.6		
Total		174	100.0		

**Institution-HBCU (historically black college or university)**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	173	99.4	99.4	99.4
	Yes	1	.6	.6	100.0
	Total	174	100.0	100.0	

**Institution-MPI (minority postsecondary institution)**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	173	99.4	99.4	99.4
	Yes	1	.6	.6	100.0
	Total	174	100.0	100.0	

**Institution-HSI (hispanic-serving institution)**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	165	94.8	94.8	94.8
	Yes	9	5.2	5.2	100.0
	Total	174	100.0	100.0	

**Institution-TCU (tribal college or university)**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	173	99.4	99.4	99.4
	Yes	1	.6	.6	100.0
	Total	174	100.0	100.0	

(Alaska native or native Hawaiian serving institution)

**Institution-ANNH**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	172	98.9	98.9	98.9
	Yes	2	1.1	1.1	100.0
	Total	174	100.0	100.0	

**Institution-Faith** (faith-based institution)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	154	88.5	88.5	88.5
	Yes	20	11.5	11.5	100.0
	Total	174	100.0	100.0	

**Institution-CommCollege** (community college)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	170	97.7	97.7	97.7
	Yes	4	2.3	2.3	100.0
	Total	174	100.0	100.0	

**Institution-NoAttributes** (no designated attributes)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	49	28.2	28.2	28.2
	Yes	125	71.8	71.8	100.0
	Total	174	100.0	100.0	

**Institution-Unknown** (attributes unknown or unspecified)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	169	97.1	97.1	97.1
	Yes	5	2.9	2.9	100.0
	Total	174	100.0	100.0	



**Respondent Role**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Administrator	22	12.6	12.6	12.6
	APC	74	42.5	42.5	55.2
	Health Ed	1	.6	.6	55.7
	HIM/QI	5	2.9	2.9	58.6
	Nurse	10	5.7	5.7	64.4
	Nurse Director	15	8.6	8.6	73.0
	Physician	34	19.5	19.5	92.5
	Social Worker	1	.6	.6	93.1
	15.00(other)	12	6.9	6.9	100.0
	Total	174	100.0	100.0	

**Institution Enrollment and Health Service Visits**

**Statistics**

		Inst- Total Enrollment	Inst - % Female	Inst - # Medical Visits	Inst - % Female Visits	Inst - # WH Visits
N	Valid	174	161	162	137	137
	Missing	0	13	12	37	37
Mean		17177.9914	54.6540	21040.1728	62.3023	3630.3723
Median		14163.5000	55.0000	13712.0000	63.0000	1552.0000
Sum		2988970.50		3408508.00		497361.00

**Womens' Health Visits -- Distribution by Provider Type (%)**

**Statistics**

		WH % Nurse Visits	WH % APC Visits	WH % PA Visits	WH % GynMD Visits	WH % OtherMD Visits
N	Valid	105	148	84	76	118
	Missing	69	26	90	98	56
Mean		11.3946	68.0205	12.5027	9.4853	23.0659
Median		5.0000	74.0000	1.0000	.0000	12.0000
Minimum		.00	.00	.00	.00	.00
Maximum		100.00	100.00	95.00	73.00	100.00

**Statistics**

		WH % nonprovider Visits	WH % Other Visits
N	Valid	58	44
	Missing	116	130
Mean		2.3088	5.0455
Median		.0000	.0000
Minimum		.00	.00
Maximum		28.00	100.00

## ACHA 2011 Pap/STI Survey -- Cervical Cytology Screening and Management Practices

### Cytology Screening Tests Offered in the Health Service

#### PS16A Cytology screening - conventional Pap

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	145	83.3	83.3	83.3
	Yes	29	16.7	16.7	100.0
Total		174	100.0	100.0	

#### PS16B Cytology screening - liquid-based w reflex

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	27	15.5	15.5	15.5
	Yes	147	84.5	84.5	100.0
Total		174	100.0	100.0	

#### PS16C Cytology screening - liquid-based no reflex

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	86	49.4	49.4	49.4
	Yes	88	50.6	50.6	100.0
Total		174	100.0	100.0	

#### PS16D Cytology screening - not offered

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	false	166	95.4	95.4	95.4
	Not offered	8	4.6	4.6	100.0
Total		174	100.0	100.0	

**Modalities Offered In-House for Management of Cervical Disease**

**PS17A Cytology management - colposcopy**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	116	66.7	66.7	66.7
	Yes	58	33.3	33.3	100.0
	Total	174	100.0	100.0	

**PS17B Cytology management - cervicography**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	174	100.0	100.0	100.0

**PS17C Cytology management - cryotherapy**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	140	80.5	80.5	80.5
	Yes	34	19.5	19.5	100.0
	Total	174	100.0	100.0	

**PS17D Cytology management - laser ablation**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	174	100.0	100.0	100.0

**PS17E Cytology management - LEEP**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	163	93.7	93.7	93.7
	Yes	11	6.3	6.3	100.0
	Total	174	100.0	100.0	

**PS17F Cytology management - none provided**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	false	64	36.8	36.8	36.8
	None provided	110	63.2	63.2	100.0
	Total	174	100.0	100.0	

**PS17G Cytology management - other**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	171	98.3	98.3	98.3
	Yes	3	1.7	1.7	100.0
	Total	174	100.0	100.0	

## Cytology Screening Initiation

### PS18 Routinely document age at first intercourse?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	125	71.8	72.7	72.7
	No	47	27.0	27.3	100.0
	Total	172	98.9	100.0	
Missing	System	2	1.1		
Total		174	100.0		

### PS19 Cytology screening - age first recommended

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	earliest of 3 years after coitarche or age 21	41	23.6	23.6	23.6
	Age 18	1	.6	.6	24.1
	Age 21	121	69.5	69.5	93.7
	Onset of sexual activity	5	2.9	2.9	96.6
	Varies by provider	6	3.4	3.4	100.0
	Total	174	100.0	100.0	

**Usual ASCUS Management Practices**

**PS21 ASCUS management - age under 21**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	HPV DNA test	29	16.7	18.0	18.0
	Repeat Pap 4-6 months	20	11.5	12.4	30.4
	Repeat Pap 12 months	103	59.2	64.0	94.4
	Immediate colposcopy	1	.6	.6	95.0
	Varies by provider	8	4.6	5.0	100.0
	Total	161	92.5	100.0	
Missing	System	13	7.5		
Total		174	100.0		

**PS22 ASCUS management - age 21 plus**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	HPV DNA test	113	64.9	67.3	67.3
	Repeat Pap 4-6 months	35	20.1	20.8	88.1
	Repeat Pap 12 months	4	2.3	2.4	90.5
	Immediate colposcopy	5	2.9	3.0	93.5
	Varies by provider	11	6.3	6.5	100.0
	Total	168	96.6	100.0	
Missing	System	6	3.4		
Total		174	100.0		

**Methods of Tracking Abnormal Results**

**PS34A Result tracking method - logbook**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	85	48.9	48.9	48.9
	Yes	89	51.1	51.1	100.0
	Total	174	100.0	100.0	

**PS34B Result tracking method - tickler file**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	123	70.7	70.7	70.7
	Yes	51	29.3	29.3	100.0
	Total	174	100.0	100.0	

**PS34C Result tracking method - lab service prompts**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	108	62.1	62.1	62.1
	Yes	66	37.9	37.9	100.0
	Total	174	100.0	100.0	

**PS34D Result tracking method - EHR**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	112	64.4	64.4	64.4
	Yes	62	35.6	35.6	100.0
	Total	174	100.0	100.0	

**PS34E Result tracking method - computer tracking program**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	131	75.3	75.3	75.3
	Yes	43	24.7	24.7	100.0
	Total	174	100.0	100.0	

**PS34F Result tracking method - no system**

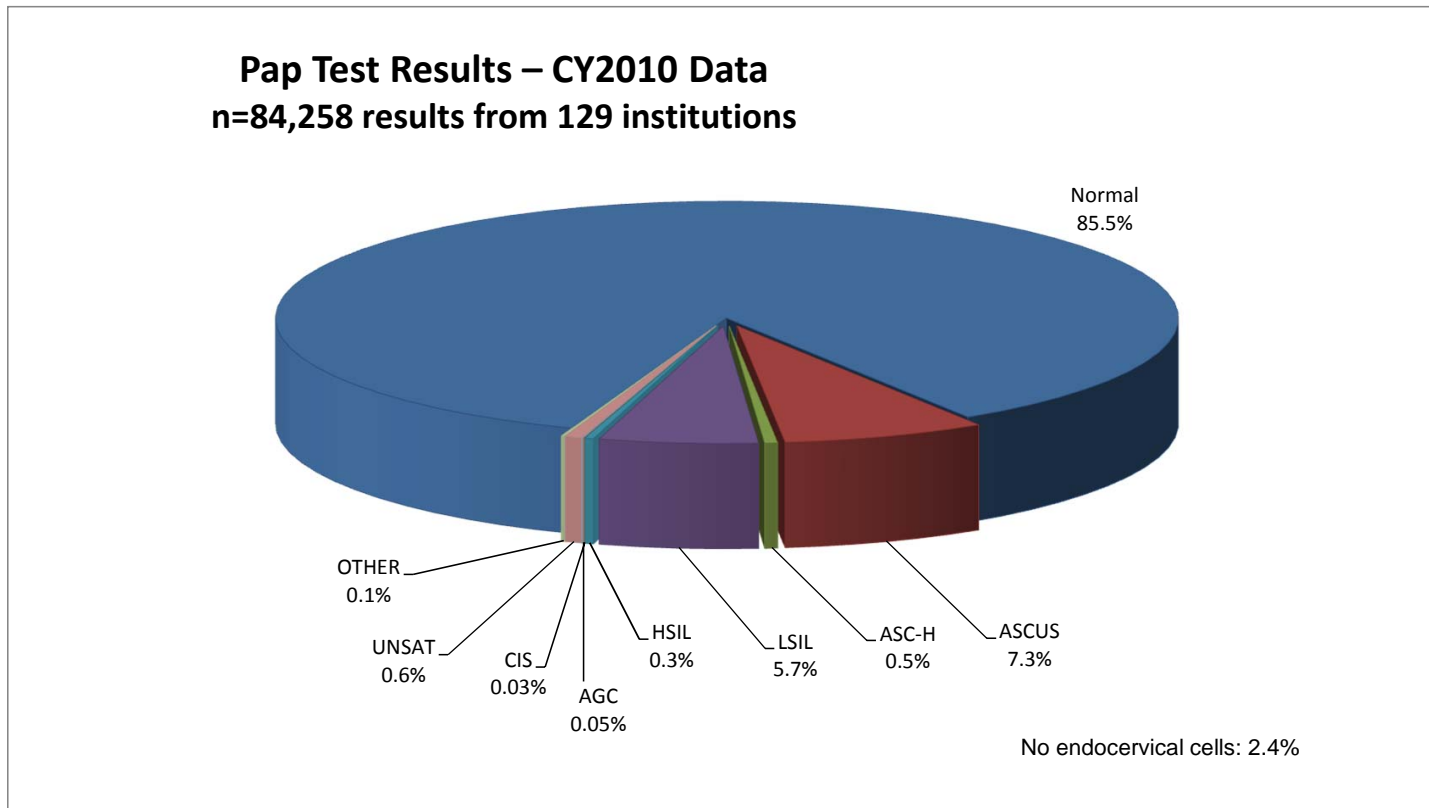
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	171	98.3	98.3	98.3
	Yes	3	1.7	1.7	100.0
	Total	174	100.0	100.0	

**PS34G Result tracking method - other system**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	158	90.8	90.8	90.8
	Yes	16	9.2	9.2	100.0
	Total	174	100.0	100.0	

**2011 ACHA Pap/STI Survey Cervical Cytology Analysis (2010 CY Data)**

	# institutions	Paps Done	Normal	ASCUS	ASC-H	LSIL	HSIL	CIS	AGC	UNSAT	OTHER	NoECC	Sum	# missing	% missing
raw data:	160	98981	79463	6994	436	5346	313	27	55	725	116	2388	93475	5506	5.6%
adjusted data:	129	84258	72002	6137	388	4779	269	24	45	505	109	1982	84258	0	0.0%
adjusted result:			85.5%	7.3%	0.5%	5.7%	0.3%	0.0%	0.1%	0.6%	0.1%	2.4%			
total excluded:	31	14723	14.9%												



note: 14723 tests reported by 31 institutions had incomplete or missing results and are excluded from this analysis

12/20/2011



## ACHA 2011 Pap/STI Survey -- Pap Follow-up and Colposcopy Data

### Frequencies: Method of First ASCUS Follow Up Evaluation (Q23)

**Statistics**

		ASCUS evaluation - # worked up	ASCUS evaluation - # w HPV DNA test	ASCUS evaluation - # w repeat cytology	ASCUS evaluation - # w colposcopy	ASCUS evaluation - # w outcome unknown	ASCUS evaluation - # w other modalities
N	Valid	135	123	107	108	96	81
	Missing	39	51	67	66	78	93
Sum		4643	3570	908	1209	592	32

Percent: 76.9% 19.6% 26.0% 12.8% 0.7%

### Outcome: First ASCUS HPV DNA Results(Q24)

**Statistics**

		ASCUS w HPV DNA # done	ASCUS w HPV DNA # positive
N	Valid	126	121
	Missing	48	53
Sum		3322	1918 <sup>c</sup>

c. 57.7% positive

### Outcome First ASCUS Repeat Cytology Results (Q25)

**Statistics**

		ASCUS w repeat cyto # done	ASCUS w repeat cyto # abnormal <sup>b</sup>
N	Valid	109	87
	Missing	65	87
Sum		526	92 <sup>a</sup>

a. 17.5% abnormal

b. greater than or equal to ASCUS

**Frequencies: Outcomes of Colposcopy Done for First ASCUS (Q27)**

**Statistics**

		Colposcopy for ASCUS # done	Colposcopy for ASCUS # normal	Colposcopy for ASCUS # CIN1	Colposcopy for ASCUS # CIN2/3	Colposcopy for ASCUS # other dx	Colposcopy for ASCUS result unknown
N	Valid	122	69	67	61	58	78
	Missing	52	105	107	113	116	96
	Sum	958	279	110	32	16	294

Percent: 29.1% 11.5% 3.3% 1.7% 30.7%

**Frequencies: Outcomes of Colposcopy Done for + HPV DNA Test (Q29)**

**Statistics**

		Colposcopy for +HPV DNA # done	Colposcopy for +HPV DNA # normal	Colposcopy for +HPV DNA # CIN1	Colposcopy for +HPV DNA # CIN2/3	Colposcopy for +HPV DNA # other dx	Colposcopy for +HPV DNA # unknown
N	Valid	114	80	76	70	64	89
	Missing	60	94	98	104	110	85
	Sum	1678	452	337	93	38	503

Percent: 26.9% 20.1% 5.5% 2.3% 30.0%

**Frequencies: Outcomes of Colposcopy Done for + Repeat ASCUS (Q31)**

**Statistics**

		Colposcopy for +repeat ASCUS # done	Colposcopy for +repeat ASCUS # normal	Colposcopy for +repeat ASCUS # CIN1	Colposcopy for +repeat ASCUS # CIN2/3	Colposcopy for +repeat ASCUS # other dx	Colposcopy for +repeat ASCUS # unknown
N	Valid	98	71	67	59	56	75
	Missing	76	103	107	115	118	99
	Sum	1081	320	328	99	25	321

Percent: 29.6% 30.3% 9.2% 2.3% 29.7%

**Frequencies: Outcomes of Colposcopy Done for Other Indications (Q33)**

**Statistics**

		Colposcopy done for other indication, # done	Colposcopy done for other indication, # normal	Colposcopy done for other indication, # CIN1	Colposcopy done for other indication, # CIN2/3	Colposcopy done for other indication, # other dx	Colposcopy done for other indication, # unknown
N	Valid	105	61	64	60	53	68
	Missing	69	113	110	114	121	106
Sum		1486	245	346	87	32	296

Percent:

16.5%

23.3%

5.9%

2.2%

19.9%

**ACHA 2011 Pap/STI Survey -- Contraception and Pregnancy Services Data****CONTRACEPTION SERVICES PROVIDED AT HEALTH CENTERS****PS68A Contraception - education & advice**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	11	6.3	6.3	6.3
	Yes	163	93.7	93.7	100.0
	Total	174	100.0	100.0	

**PS68B Contraception - oral contraceptives prescribed**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	14	8.0	8.0	8.0
	Yes	160	92.0	92.0	100.0
	Total	174	100.0	100.0	

**PS68C Contraception - oral contraceptives dispensed**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	51	29.3	29.3	29.3
	Yes	123	70.7	70.7	100.0
	Total	174	100.0	100.0	

**PS68D Contraception - IUD insertion**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	135	77.6	77.6	77.6
	Yes	39	22.4	22.4	100.0
	Total	174	100.0	100.0	

**PS68E Contraception - hormonal injections administered**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	22	12.6	12.6	12.6
	Yes	152	87.4	87.4	100.0
	Total	174	100.0	100.0	

**PS68F Contraception - other hormonal method Rx**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	24	13.8	13.8	13.8
	Yes	150	86.2	86.2	100.0
	Total	174	100.0	100.0	

**PS68G Contraception - intradermal method insertion**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	144	82.8	82.8	82.8
	Yes	30	17.2	17.2	100.0
	Total	174	100.0	100.0	

**PS68H Contraception - condoms dispensed**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	34	19.5	19.5	19.5
	Yes	140	80.5	80.5	100.0
	Total	174	100.0	100.0	

**PS68I Contraception - condoms sold**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	96	55.2	55.2	55.2
	Yes	78	44.8	44.8	100.0
	Total	174	100.0	100.0	

**PS68J Contraception - other barrier method Rx**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	62	35.6	35.6	35.6
	Yes	112	64.4	64.4	100.0
	Total	174	100.0	100.0	

**PS68K Contraception - other barrier method dispensed**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	123	70.7	70.7	70.7
	Yes	51	29.3	29.3	100.0
	Total	174	100.0	100.0	

**PS68L Contraception - vasectomy performed**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	172	98.9	98.9	98.9
	Yes	2	1.1	1.1	100.0
	Total	174	100.0	100.0	

**PS68M Contraception - fertility awareness education**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	68	39.1	39.1	39.1
	Yes	106	60.9	60.9	100.0
	Total	174	100.0	100.0	

**PS68N Contraception - EC dispensed, sold or Rx**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid No	29	16.7	16.7	16.7
Yes	145	83.3	83.3	100.0
Total	174	100.0	100.0	

**PS68O Contraception - no services provided**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid null	170	97.7	97.7	97.7
none	4	2.3	2.3	100.0
Total	174	100.0	100.0	

**PS69 Contraception referral out if no service onsite**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	38	21.8	97.4	97.4
No	1	.6	2.6	100.0
Total	39	22.4	100.0	
Missing N/A	135	77.6		
Total	174	100.0		

**Pregnancy Testing and Services**

**PS70 Pregnancy testing offered at health center?**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid yes, provider performed	85	48.9	50.0	50.0
yes, lab performed	85	48.9	50.0	100.0
Total	170	97.7	100.0	
Missing System	4	2.3		
Total	174	100.0		

**PS72A Pregnancy f/u - all options counseling**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid No	30	17.2	17.2	17.2
Yes	144	82.8	82.8	100.0
Total	174	100.0	100.0	

**PS72B Pregnancy f/u - limited counseling**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid No	145	83.3	83.3	83.3
Yes	29	16.7	16.7	100.0
Total	174	100.0	100.0	

**PS72C Pregnancy f/u - adoption referral**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	64	36.8	36.8	36.8
	Yes	110	63.2	63.2	100.0
Total		174	100.0	100.0	

**PS72D Pregnancy f/u - abortion referral**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	61	35.1	35.1	35.1
	Yes	113	64.9	64.9	100.0
Total		174	100.0	100.0	

**PS72E Pregnancy f/u - prenatal care referral**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	46	26.4	26.4	26.4
	Yes	128	73.6	73.6	100.0
Total		174	100.0	100.0	

**PS72F Pregnancy f/u - prenatal care provided**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	170	97.7	97.7	97.7
	Yes	4	2.3	2.3	100.0
Total		174	100.0	100.0	

**PS72G Pregnancy f/u - abortion performed**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	174	100.0	100.0	100.0

**PS72H Pregnancy f/u - no services provided**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	null	172	98.9	98.9	98.9
	None	2	1.1	1.1	100.0
Total		174	100.0	100.0	

**Pregnancy Test Data (raw)**

PS7

**Statistics**

		Pregnancy tests total # done	Pregnancy tests # positive
N	not reported	38	54
	# schools reporting results	136	120
Sum		45824.00	3331.00 <sup>a</sup>

a. 7.3% positive



### ACHA 2011 Pap/STI Survey -- STI Screening Services Data

#### STI Screening Tests Offered

##### PS35 Routine STI screening offered for women

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	167	96.0	97.7	97.7
	No	4	2.3	2.3	100.0
	Total	171	98.3	100.0	
Missing	System	3	1.7		
Total		174	100.0		

##### PS36 Routine STI screening offered for men

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	157	90.2	92.4	92.4
	No	13	7.5	7.6	100.0
	Total	170	97.7	100.0	
Missing	System	4	2.3		
Total		174	100.0		

##### PS37A STI screening test offered: chlamydia

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	7	4.0	4.0	4.0
	Yes	167	96.0	96.0	100.0
	Total	174	100.0	100.0	

##### PS37B STI screening test offered: gonorrhea

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	8	4.6	4.6	4.6
	Yes	166	95.4	95.4	100.0
	Total	174	100.0	100.0	

##### PS37C STI screening test offered: hepatitis B

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	75	43.1	43.1	43.1
	Yes	99	56.9	56.9	100.0
	Total	174	100.0	100.0	

##### PS37D STI screening test offered: hepatitis C

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	81	46.6	46.6	46.6
	Yes	93	53.4	53.4	100.0
	Total	174	100.0	100.0	

**PS37E STI screening test offered: herpes**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	74	42.5	42.5	42.5
	Yes	100	57.5	<b>57.5</b>	100.0
Total		174	100.0	100.0	

**PS37F STI screening test offered: HIV**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	15	8.6	8.6	8.6
	Yes	159	91.4	<b>91.4</b>	100.0
Total		174	100.0	100.0	

**PS37G STI screening test offered: syphilis**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	26	14.9	14.9	14.9
	Yes	148	85.1	<b>85.1</b>	100.0
Total		174	100.0	100.0	

**PS37H STI screening test offered: trichomoniasis**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	87	50.0	50.0	50.0
	Yes	87	50.0	<b>50.0</b>	100.0
Total		174	100.0	100.0	

**PS37I STI screening test offered: none**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	171	98.3	98.3	98.3
	Yes	3	1.7	<b>1.7</b>	100.0
Total		174	100.0	100.0	

**PS37J STI screening test offered: other**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	167	96.0	96.0	96.0
	Yes	7	4.0	<b>4.0</b>	100.0
Total		174	100.0	100.0	

**PS38 Routinely screen women <26 for chlamydia**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	157	90.2	<b>91.8</b>	91.8
	No	14	8.0	8.2	100.0
	Total	171	98.3	100.0	
Missing	System	3	1.7		
Total		174	100.0		

**PS39 Usual female chlamydia test specimen**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	cervical	93	53.4	54.4	54.4
	vaginal	7	4.0	4.1	58.5
	urine	20	11.5	11.7	70.2
	varies	48	27.6	28.1	98.2
	none	3	1.7	1.8	100.0
	Total	171	98.3	100.0	
Missing	System	3	1.7		
Total		174	100.0		

**PS40 Usual male chlamydia test specimen**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	urethral	16	9.2	9.4	9.4
	urine	141	81.0	82.9	92.4
	varies	10	5.7	5.9	98.2
	none	3	1.7	1.8	100.0
	Total	170	97.7	100.0	
Missing	System	4	2.3		
Total		174	100.0		

**PS41 STI screening cost coverage**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	all tests charged	83	47.7	48.5	48.5
	some tests charged	54	31.0	31.6	80.1
	all tests free	10	5.7	5.8	86.0
	not applicable	4	2.3	2.3	88.3
	other	20	11.5	11.7	100.0
	Total	171	98.3	100.0	
Missing	System	3	1.7		
Total		174	100.0		

**PS47 HIV test availability**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Anonymous	3	1.7	1.8	1.8
	Confidential	120	69.0	71.4	73.2
	Both	36	20.7	21.4	94.6
	Neither	9	5.2	5.4	100.0
	Total	168	96.6	100.0	
Missing	System	6	3.4		
Total		174	100.0		

**PS48A HIV test type offered - standard blood**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	42	24.1	24.1	24.1
	Yes	132	75.9	<b>75.9</b>	100.0
Total		174	100.0	100.0	

**PS48B HIV test type offered - standard oral fluid**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	161	92.5	92.5	92.5
	Yes	13	7.5	<b>7.5</b>	100.0
Total		174	100.0	100.0	

**PS48C HIV test type offered - rapid blood**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	133	76.4	76.4	76.4
	Yes	41	23.6	<b>23.6</b>	100.0
Total		174	100.0	100.0	

**PS48D HIV test type offered - rapid oral fluid**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	137	78.7	78.7	78.7
	Yes	37	21.3	<b>21.3</b>	100.0
Total		174	100.0	100.0	

**PS48E HIV test type offered - none**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	165	94.8	94.8	94.8
	None	9	5.2	<b>5.2</b>	100.0
Total		174	100.0	100.0	

**PS48F HIV test type offered - other type**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	173	99.4	99.4	99.4
	Yes	1	.6	<b>.6</b>	100.0
Total		174	100.0	100.0	

**PS49 Syphilis test type offered**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	RPR	150	86.2	95.5	95.5
	VDRL	5	2.9	3.2	98.7
	EIA	2	1.1	1.3	100.0
	Total	157	90.2	100.0	
Missing	System	17	9.8		
Total		174	100.0		

**PS51A Herpes Dx test performed - viral culture**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	37	21.3	21.3	21.3
	Yes	137	78.7	<b>78.7</b>	100.0
	Total	174	100.0	100.0	

**PS51B Herpes Dx test performed - PCR**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	137	78.7	78.7	78.7
	Yes	37	21.3	<b>21.3</b>	100.0
	Total	174	100.0	100.0	

**PS51C Herpes Dx test performed - Serology**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	56	32.2	32.2	32.2
	Yes	118	67.8	<b>67.8</b>	100.0
	Total	174	100.0	100.0	

**PS51D Herpes Dx test performed - Antigen test**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	164	94.3	94.3	94.3
	Yes	10	5.7	<b>5.7</b>	100.0
	Total	174	100.0	100.0	

**PS51E Herpes Dx test performed - Tzank**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	168	96.6	96.6	96.6
	Yes	6	3.4	<b>3.4</b>	100.0
	Total	174	100.0	100.0	

**PS51F Herpes Dx test performed - Other test**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	169	97.1	97.1	97.1
	Yes	5	2.9	<b>2.9</b>	100.0
	Total	174	100.0	100.0	

**PS55A Trich test type used - microscopy**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	22	12.6	12.6	12.6
	Yes	152	87.4	<b>87.4</b>	100.0
	Total	174	100.0	100.0	

**PS55B Trich test type used - culture**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	163	93.7	93.7	93.7
	Yes	11	6.3	<b>6.3</b>	100.0
	Total	174	100.0	100.0	

**PS55C Trich test type used - antigen detection**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	164	94.3	94.3	94.3
	Yes	10	5.7	<b>5.7</b>	100.0
	Total	174	100.0	100.0	

**PS55D Trich test type used - NAAT**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	167	96.0	96.0	96.0
	Yes	7	4.0	<b>4.0</b>	100.0
	Total	174	100.0	100.0	

**PS59 Anal cytology screening provided**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	34	19.5	22.2	22.2
	No	119	68.4	<b>77.8</b>	100.0
	Total	153	87.9	100.0	
Missing	System	21	12.1		
	Total	174	100.0		

**MSM specific data**

**PS63A MSM data collected - GC**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	162	93.1	93.1	93.1
	Yes	12	6.9	<b>6.9</b>	100.0
	Total	174	100.0	100.0	

**PS63B MSM data collected - CT**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	162	93.1	93.1	93.1
	Yes	12	6.9	<b>6.9</b>	100.0
	Total	174	100.0	100.0	

**PS63C MSM data collected - Syphilis**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	165	94.8	94.8	94.8
	Yes	9	5.2	<b>5.2</b>	100.0
Total		174	100.0	100.0	

**PS63D MSM data collected - HIV**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	165	94.8	94.8	94.8
	Yes	9	5.2	<b>5.2</b>	100.0
Total		174	100.0	100.0	

**PS63E MSM data collected - HepB**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	171	98.3	98.3	98.3
	Yes	3	1.7	<b>1.7</b>	100.0
Total		174	100.0	100.0	

**PS63F MSM data collected - HepA**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	171	98.3	98.3	98.3
	Yes	3	1.7	<b>1.7</b>	100.0
Total		174	100.0	100.0	

**PS63G MSM data collected - none**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	36	20.7	20.7	20.7
	None	138	79.3	<b>79.3</b>	100.0
Total		174	100.0	100.0	

**PS64 Are MSM screened for rectal/pharyngeal GC?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	52	29.9	<b>33.1</b>	33.1
	No	75	43.1	47.8	80.9
	NA	30	17.2	19.1	100.0
	Total	157	90.2	100.0	
Missing	System	17	9.8		
Total		174	100.0		

Among schools that could state yes or no, 41.0% screen MSM for rectal/pharyngeal gonorrhea

**PS65 Are MSM screened for rectal CT?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	43	24.7	<b>27.0</b>	27.0
	No	83	47.7	52.2	79.2
	NA	33	19.0	20.8	100.0
	Total	159	91.4	100.0	
Missing	System	15	8.6		
Total		174	100.0		

Among schools that could state yes or no, 34.1% screen MSM for rectal chlamydia

**Provision of Expedited Partner Therapy**

**PS66A Is EPT provided for GC?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	110	63.2	63.2	63.2
	Yes	64	36.8	<b>36.8</b>	100.0
Total		174	100.0	100.0	

**PS66B Is EPT provided for CT?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	100	57.5	57.5	57.5
	Yes	74	42.5	<b>42.5</b>	100.0
Total		174	100.0	100.0	

**PS66C Is EPT provided for Trich?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	127	73.0	73.0	73.0
	Yes	47	27.0	<b>27.0</b>	100.0
Total		174	100.0	100.0	

**PS66D Is EPT provided for other STIs?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	172	98.9	98.9	98.9
	Yes	2	1.1	<b>1.1</b>	100.0
Total		174	100.0	100.0	

**PS66E EPT is not provided for any STI**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	null	93	53.4	53.4	53.4
	true	81	46.6	<b>46.6</b>	100.0
Total		174	100.0	100.0	



**PS67 EPT status at your health service**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	legal and used	57	32.8	36.1	36.1
	legal but not used	41	23.6	25.9	62.0
	not legal or permitted	23	13.2	14.6	76.6
	don't know	37	21.3	23.4	100.0
	Total	158	90.8	100.0	
Missing	System	16	9.2		
Total		174	100.0		

## STI Test Positivity & Related Items - CY2010 Data

### Gonorrhea Test Positivity

(Q42 &amp; 43)

	# tests performed	# tests positive	% positivity	<i>n schools</i>
women	88880	298	0.3%	123
men	28991	392	1.4%	115
overall*	147784	880	0.6%	151

\* includes unspecified by gender

### Chlamydia Test Positivity

(Q44 &amp; 45)

	# tests performed	# tests positive	% positivity	<i>n schools</i>
women	90888	3482	3.8%	113
men	53076	960	1.8%	119
overall*	146220	5042	3.4%	138

\* includes unspecified by gender

### HIV Test Positivity

(Q46)

	# tests performed	# tests positive	% positivity	<i>n schools</i>
overall	61820	55	0.09%	141

MSM proportion: 82.4% of positive tests were in men who have sex with men  
(28 of 34 positives at 25 schools with MSM data)

### Syphilis Test Positivity

(Q50)

	# tests performed	# tests positive	% positivity	<i>n schools</i>
overall	41461	95	0.23%	137

MSM proportion: 73.1% of positive tests were in men who have sex with men  
(19 of 26 positives at 13 schools with MSM data)

**Genital Herpes Viral Culture/PCR Positive -- all**

(Q52)

	# tests positive	proportion
HSV2	480	21.0%
HSV1	1174	51.4%
HSV type unk	628	27.5%
	2282	

among typed positive tests, 70.9% were HSV1  
*n=111 schools with typed data*

**Genital Herpes Viral Culture/PCR Positive -- women**

(Q53)

	# tests positive	proportion
HSV2	290	22.1%
HSV1	722	55.1%
HSV type unk	299	22.8%
	1311	

among typed positive tests, 71.3% were HSV1  
*n=67 schools with typed data for females*

**Genital Herpes Viral Culture/PCR Positive -- men**

(Q54)

	# tests positive	proportion
HSV2	85	20.5%
HSV1	216	52.0%
HSV type unk	114	27.5%
	415	

among typed positive tests, 71.8% were HSV1  
*n=49 schools with typed data for males*

**Trichomoniasis Diagnosis**

(Q56)

	#diagnoses	<i>n schools</i>
overall	581	145

**HPV Diagnosis and Vaccine Data****Genital Wart Diagnosis (unduplicated patients)**

(Q57)

	# patients	proportion
women	1304	35.7%
men	1477	40.4%
gender unk	871	23.8%
	3652	

*n=93 schools reporting data***Genital Wart Diagnosis (total visits)**

(Q58)

	# visits	proportion	visits/pt
women	3126	33.7%	2.4
men	2816	30.3%	1.9
gender unk	3342	36.0%	3.8
	9284		

*n=90 schools reporting data***HPV Vaccine Doses Given**

(Q61)

	# doses	<i>n schools</i>
women	11364	100
men	1537	92
overall*	16780	134

\* includes unspecified by gender

**HPV Vaccine Patients Immunized**

(Q62)

	# unduplicated pts	<i>n schools</i>
women	8025	95
men	734	85
overall*	11033	116

\* includes unspecified by gender

### GYT (Get Yourself Tested) 2010 Campaign Participation

**PS73 GYT – Did you experience an increase in STD testing during April 2010?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	35	20.1	21.6	21.6
	No	68	39.1	42.0	63.6
	Unknown	59	33.9	36.4	100.0
	Total	162	93.1	100.0	
Missing	System	12	6.9		
Total		174	100.0		

Among those schools that could answer yes or no, 34.0% noted an increase in

**PS74 GYT – Did your health center participate in the 2010 GYT campaign?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	64	36.8	39.5	39.5
	No	89	51.1	54.9	94.4
	Unknown	9	5.2	5.6	100.0
	Total	162	93.1	100.0	
Missing	System	12	6.9		
Total		174	100.0		

**PS75 GYT – If yes, did the health center offered free or reduced cost STD tests in 2010?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	38	21.8	39.6	39.6
	No	52	29.9	54.2	93.8
	Unknown	6	3.4	6.3	100.0
	Total	96	55.2	100.0	
Missing	System	78	44.8		
Total		174	100.0		