

Region I Infertility Prevention Project

2008 Year End Data Report

May 2009

Screening Criteria, Clinic Types, and Test Technologies
Region I Infertility Prevention Project, 2008

State	Screening Criteria	Clinic Types	Client Types in Data Set	Test Type
CT	<25 and 25 and over with risk factors	-15 Family planning sites -4 Juvenile detention center sites	Family planning clients only-uninsured and underinsured	BD ProbeTec <i>(Genprobe until 2001)</i>
ME	<25 and 25 and over with risk factors	-26 Family planning sites -3 STD clinics -2 Juvenile detention center clinics -7 High school health centers	Clients receiving IPP-supported tests only	Aptima II <i>(GenProbe II until 2002)</i>
MA	<26 and 26 and over with risk factors	-30 Family planning sites -9 STD clinics -23 High school health centers -4 Jails -8 Juvenile detention center sites -1 Other clinics reporting to the project	Chlamydia project- funded clients Clients with other payment sources in clinics that receive IPP funds	BD ProbeTec <i>(Abbott LCx until 2003)</i>
NH	<25 and 25 and over with risk factors	-16 Family planning sites -1 Juvenile detention center sites	Clients in all project-funded clinics who meet screening criteria regardless of payment source	BD ProbeTec
RI	<25 and 25 and over with risk factors	-8 Family planning sites -1 STD clinic -1 Other clinics reporting to the project	Clients in project-funded clinics who meet screening criteria regardless of payment source	Aptima II <i>(Abbott LCx until 2002)</i>
VT	<25 and over 25 with risk factors	-15 Family planning sites -1 Juvenile detention center clinic	Clients meeting screening criteria regardless of payment source Clients in project-funded clinics, both insured and uninsured clients	Aptima II <i>(GenProbe II until 2002)</i>

Table 1: Family Planning Clinic Data by Total Number of Clients Tested and Percent Positive Region 1, Year End, 2008

	Total Tested		Positive
	N	N	%
CT (n=15)	9304	699	7.5%
MA (n=30)	6621	350	5.3%
ME (n=26)	3171	230	7.3%
NH (n=16)	6749	257	3.8%
RI (n=8)	3627	171	4.7%
VT (n=15)	12642	443	3.5%
TOTAL (n=110)	42114	2150	5.1%

1 Total Tested includes valid chlamydia test results (indeterminate and missing CT test results are excluded).

Table 2: STD Clinic Data by Total Number of Clients Tested and Percent Positive Region 1, Year End, 2008

	Total Tested		Positive
	N	N	%
MA (n=9)	6093	465	7.6%
ME (n=3)	226	51	22.6%
RI (n=1)	302	45	14.9%
TOTAL (n=13)	6621	561	8.5%

1 Total Tested includes valid chlamydia test results (indeterminate and missing CT test results are excluded).

Table 3: High School Health Center Data by Total Number of Clients Tested and Percent Positive Region 1, Year End, 2008

	Total Tested		Positive
	N	N	%
MA (n=23)	791	49	6.2%
ME (n=7)	206	7	3.4%
TOTAL (n=30)	997	56	5.6%

1 Total Tested includes valid chlamydia test results (indeterminate and missing CT test results are excluded).

Table 4: Jail Clinic Data by Total Number of Clients Tested and Percent Positive Region 1, Year End, 2008

	Total Tested		Positive
	N	N	%
MA (n=4)	3708	167	4.5%
TOTAL (n=4)	3708	167	4.5%

1 Total Tested includes valid chlamydia test results (indeterminate and missing CT test results are excluded).

Table 5: DYS Jail Clinic Data by Total Number of Clients Tested and Percent Positive Region 1, Year End, 2008

	Total Tested		Positive
	N	N	%
CT (n=4)	863	48	5.6%
MA (n=8)	5	0	.0%
NH (n=1)	68	2	2.9%
VT (n=1)	21	0	.0%
TOTAL (n=14)	957	50	5.2%

1 Total Tested includes valid chlamydia test results (indeterminate and missing CT test results are excluded).

**Table 7: Clinic Types by Total Tested and Percent Positive by Gender
Region 1, Year End, 2008**

		Male			Female		
		Total Tested	Positive		Total Tested	Positive	
		N	N	%	N	N	%
STD	MA	4258	343	8.1%	1833	122	6.7%
	ME	72	30	41.7%	154	21	13.6%
	RI	0	0	.0%	302	45	14.9%
FP	CT	1282	237	18.5%	7936	460	5.8%
	MA	656	65	9.9%	5961	284	4.8%
	ME	104	44	42.3%	3066	186	6.1%
	NH	191	22	11.5%	6555	235	3.6%
	RI	46	5	10.9%	3581	166	4.6%
	VT	1059	94	8.9%	11583	349	3.0%
HS	MA	159	10	6.3%	632	39	6.2%
	ME	23	2	8.7%	183	5	2.7%
JAILS	MA	2918	137	4.7%	789	30	3.8%
DYS	CT	642	21	3.3%	221	27	12.2%
	MA	0	0	.0%	5	0	.0%
	NH	41	1	2.4%	27	1	3.7%
	VT	15	0	.0%	6	0	.0%

1 Other clinic is a pediatric medical group and teen health clinic in a primary care setting

Table 8: Sex, Age, Race, and Ethnicity by Total Tested and Percent Positive, Family Planning Clinics Region 1, Year End, 2008

	Total		Positive		
	N	% of Tests	N	% Positive	
Total clients	42114	100.0%	2150	5.1%	
Sex	91	.2%	3	3.3%	
Male	3338	7.9%	467	14.0%	
Female	38682	91.9%	1680	4.3%	
Missing	0	.0%	0	.0%	
Age	<10	1	.0%	0	.0%
	10-14	363	.9%	18	5.0%
	15-19	12633	30.1%	806	6.4%
	20-24	16833	40.1%	943	5.6%
	25-29	6693	15.9%	254	3.8%
	30-39	3872	9.2%	97	2.5%
	40-49	1265	3.0%	16	1.3%
	>50	332	.8%	4	1.2%
	Missing	0	.0%	0	.0%
ASIAN	600	1.4%	26	4.3%	
AI/AN	89	.2%	3	3.4%	
BLACK	3369	8.0%	417	12.4%	
HAPI	38	.1%	2	5.3%	
Other Race	5142	12.2%	324	6.3%	
WHITE	32523	77.2%	1357	4.2%	
Hispanic	Yes	6230	14.8%	400	6.4%
	No	35364	84.0%	1714	4.8%
	Missing	520	1.2%	36	6.9%

**Table 9: Clinical Data by Total Tested and Percent Positive, Family Planning Clinics
Region 1, Year End, 2008**

		Total		Positive	
		N	% of Tests	N	% Positive
Reason for exam	Total	31575	100.0%	1314	4.2%
	Symtomatic for STD	2359	7.5%	208	8.8%
	Asymptomatic screen/visit	29216	92.5%	1106	3.8%
source of specimen	Total	42114	100.0%	2150	5.1%
		58	.1%	1	1.7%
	Cervix	23724	56.3%	982	4.1%
	Other	3	.0%	0	.0%
	Missing	25	.1%	0	.0%
	Urethral	182	.4%	18	9.9%
	Urine	18120	43.0%	1149	6.3%
	Not Tested	2	.0%	0	.0%
Presumptive Treatment	Total	42114	100.0%	2150	5.1%
	Yes	1805	4.3%	344	19.1%
	Missing	40309	95.7%	1806	4.5%
Presumptive Treatment RX	Total	1895	100.0%	349	18.4%
	Zithromax	752	39.7%	208	27.7%
	Doxyclycline	635	33.5%	38	6.0%
	Other	190	10.0%	26	13.7%
	Missing	318	16.8%	77	24.2%

1 Massachusetts uses multiple variables to collect <reason for exam> data

2 CT does not collect Reason for Exam

3 Type of treatment describes only those who were presumptively treated; Connecticut, Massachusetts & Rhode Island do not collect treatment information

**Table 10a: Female Clinical Assessment Data by Total Tested and Percent Positive, Family Planning Clinics
Region 1, Year End, 2008**

		<25				≥25			
		Total		Positive		Total		Positive	
		N	% of Tests	N	% Positive	N	% of Tests	N	% Positive
Female	Total clients	17734	100.0%	790	4.5%	7296	100.0%	143	2.0%
	Normal Appearance	13327	75.1%	526	3.9%	5289	72.5%	100	1.9%
	Mucopurulence/Cervicitis	153	.9%	29	19.0%	87	1.2%	4	4.6%
	PID	73	.4%	16	21.9%	33	.5%	2	6.1%
	Pregnant	2507	14.1%	139	5.5%	1255	17.2%	25	2.0%
	Other	2066	11.6%	109	5.3%	844	11.6%	18	2.1%

* For female clinical assessment data, percents calculated using only total number of female clients

**Table 10b: Male Clinical Assessment Data by Total Tested and Percent Positive, Family Planning Clinics
Region 1, Year End, 2008**

		<25				≥25			
		Total		Positive		Total		Positive	
		N	% of Tests	N	% Positive	N	% of Tests	N	% Positive
Male	Total clients	686	100.0%	84	12.2%	455	100.0%	53	11.6%
	Normal Appearance	429	62.5%	40	9.3%	257	56.5%	27	10.5%
	Urethritis	52	7.6%	22	42.3%	54	11.9%	6	11.1%
	Other	211	30.8%	23	10.9%	155	34.1%	20	12.9%

* For male clinical assessment data, percents calculated using only total number of male clients

**Table 11: Sexual History Risk Factors by Total Tested and Percent Positive
Region 1, Year End, 2008**

	<25			≥25		
	Total	Positive		Total	Positive	
	N	N	%	N	N	%
> 2 Partners	4699	280	6.0%	1475	57	3.9%
New Partner	12428	642	5.2%	5255	160	3.0%
STD Contact	1058	306	28.9%	570	112	19.6%

Due to variation in collection of variables by states, Percent (%) of Tests for Risk Factors and Contraception variables were not calculated
MA and RI risk factors since past 60 days

**Table 12: Contraception in past 60 days by Total Tested and Percent Positive
Region 1, Year End, 2008**

	<25			≥25		
	Total	Positive		Total	Positive	
	N	N	%	N	N	%
Barrier	3689	188	5.1%	818	32	3.9%
Hormonal	5036	171	3.4%	1240	24	1.9%
None	3468	230	6.6%	1251	39	3.1%
Other	455	24	5.3%	641	8	1.2%

Due to variation in collection of variables by states, Percent (%) of Tests for Risk Factors and Contraception variables were not calculated

**Table 13: Age Categories by Total Tested and Percent Positive, By Sex, Family Planning Clinics
Region 1, Year End, 2008**

Age	TOTAL	Male			Female		
		Total	Positive		Total	Positive	
		N	N	%	N	N	%
	TOTAL	3321	463	13.9%	38589	1673	4.3%
	<10	0	0	.0%	1	0	.0%
	10-14	9	0	.0%	354	18	5.1%
	15-19	600	101	16.8%	12018	704	5.9%
	20-24	1398	215	15.4%	15402	727	4.7%
	25-29	664	100	15.1%	6010	154	2.6%
	30-39	429	42	9.8%	3432	55	1.6%
	40-49	155	3	1.9%	1107	13	1.2%
	>50	66	2	3.0%	265	2	.8%
	Missing	0	0	.0%	0	0	.0%

**Table 14: States by Total Females Tested and Percent Positive, By Age Categories, Family Planning Clinics
Region 1, Year End, 2008**

State	TOTAL	Age								
		10-14			15-19			20-24		
		Total	Positive		Total	Positive		Total	Positive	
		N	N	%	N	N	%	N	N	%
	TOTAL	354	18	5.1%	12018	704	5.9%	15402	727	4.7%
	CT	34	5	14.7%	2058	191	9.3%	3313	208	6.3%
	MA	64	5	7.8%	2253	134	5.9%	2638	111	4.2%
	ME	43	1	2.3%	1453	78	5.4%	1303	92	7.1%
	NH	83	3	3.6%	2497	108	4.3%	2731	99	3.6%
	RI	12	2	16.7%	589	58	9.8%	1218	79	6.5%
	VT	118	2	1.7%	3168	135	4.3%	4199	138	3.3%

**Table 15: Race by Total Females Tested and Percent Positive, By Age Categories, Family Planning Clinics
Region 1, Year End, 2008**

	Age											
	TOTAL			10-14			15-19			20-24		
	Total	Positive		Total	Positive		Total	Positive		Total	Positive	
	N	N	%	N	N	%	N	N	%	N	N	%
ASIAN	375	19	5.1%	1	0	.0%	171	8	4.7%	203	11	5.4%
AI/AN	59	1	1.7%	1	0	.0%	30	0	.0%	28	1	3.6%
BLACK	2053	250	12.2%	28	5	17.9%	872	134	15.4%	1153	111	9.6%
HAPI	30	2	6.7%	1	0	.0%	15	0	.0%	14	2	14.3%
Other Race	3091	213	6.9%	36	5	13.9%	1213	108	8.9%	1842	100	5.4%
WHITE	21921	952	4.3%	289	8	2.8%	9613	448	4.7%	12019	496	4.1%

**Table 16: Female Clinical Assessment by Total Tested
Percent of Positives, Family Planning Clinics
Region I, Year End, 2008**

	Positive	
	N	% of Tests
Total Positives	937	100.0%
Normal Appearance	630	67.2%
Mucopurulence/Cervicitis	33	3.5%
PID	18	1.9%
Pregnant	164	17.5%
Other	127	13.6%

**Table 17: Male Clinical Assessment by Total Tested
Percent of Positives, Family Planning Clinics
Region I, Year End, 2008**

Row	Column	
	N	% of Tests
Total Positives	140	100.0%
Normal Appearance	69	49.3%
Urethritis	28	20.0%
Other	44	31.4%

**Table 18: Type of Test by Positivity
Region I, Year End, 2008**

	Total Tested		Positive	
	N	N	N	%
Aptima	20195	947	4.7%	
BD Probetec	34202	2037	6.0%	
TOTAL	54397	2984	5.5%	

**Table 19: Payment for Test by Positivity
Region I, Year End, 2008
States are VT, ME and NH**

	Total Tested		Positive	
	N	N	N	%
Insurance	5111	139	2.7%	
Medicaid	3665	135	3.7%	
Project	12737	654	5.1%	
Self	942	39	4.1%	
TOTAL	22455	967	4.3%	

Table 20: Gonorrhea Testing Data, Family Planning Clinics

	TOTAL		Females			Males			
	Co-Infection % of GC also CT positive	Total Tests	No. & (%) GC Positive	No. Positive GC & CT	Co-Infection % of GC also CT positive	Total Tests	No. & (%) GC Positive	No. Positive GC & CT	Co-Infection % of GC also CT positive
Connecticut	33/95=34.7%	7903	50(0.6%)	19	19/50=38.0%	1278	45(3.6%)	14	14/45=31.1%
Maine	1/1=100.0%	3066	1(0.03%)	1	1/1=100.0%	104	0 (0.0%)	0	0/0=0.0%
Vermont	1/4=25.0%	11583	2(0.02%)	0	0/2=0.0%	1059	2 (0.1%)	1	1/2=50.0%
Rhone Island	1/7=14.3%	3580	7(0.2%)	1	1/7=14.3%	46	0 (0.0%)	0	0/0=0.0%

Total Tests only includes successful tests and excludes unsatisfactory or indeterminate tests.