

# **Region I Infertility Prevention Project**

## **2011 Year End Data Report**

**May 2012**

**Screening Criteria, Clinic Types, and Test Technologies**  
**Region I Infertility Prevention Project, 2011**

<b>State</b>	<b>Screening Criteria</b>	<b>Clinic Types</b>	<b>Client Types in Data Set</b>	<b>Test Type</b>
CT	<26	-13 Family planning sites -3 Juvenile detention center sites -1 Integrated Clinic <sup>1</sup>	Family planning clients only-uninsured and underinsured	<b>BD ProbeTec</b> <i>(Genprobe until 2001)</i>
ME	<25 and 25 and over with risk factors*	-3 STD clinics -6 High school health centers -15 Integrated Clinics <sup>1</sup>	Clients receiving IPP-supported tests only	<b>Aptima II</b> <i>(GenProbe II until 2002)</i>
MA	<26 and 26 and over with risk factors	-10 Family planning sites -1 STD clinics -15 High school health centers -3 Adult Correctional Facility -4 Community Health Center -1 University Health Center -1 Integrated Clinic (not previously a FP site. Excluded from FP data)	Chlamydia project- funded clients Clients with other payment sources in clinics that receive IPP funds	<b>BD ProbeTec</b> <i>(Abbott LCx until 2003)</i>
NH	<25 and 25 and over with risk factors	-14 Family planning sites -1 Juvenile detention center sites -1 Integrated Clinics <sup>1</sup>	Clients in all project-funded clinics who meet screening criteria regardless of payment source	<b>BD ProbeTec</b>
RI	<26 and 26 and over with risk factors	-1 STD clinics -9 Family planning sites -1 Community Health Center	Clients in project-funded clinics who meet screening criteria regardless of payment source	<b>Aptima II</b> <i>(Abbott LCx until 2002)</i>
VT	<25 and 25 and over with risk factors	-10 Integrated Clinics <sup>1</sup>	Clients meeting screening criteria regardless of payment source Clients in project-funded clinics, both insured and uninsured clients	<b>Aptima II</b> <i>(GenProbe II until 2002)</i>

<sup>1</sup> Integrated Clinics are sites where family planning and STD services are provided in addition to other services, to any patient at any time. In Region I, all but one integrated site, was previously coded as a family planning site. Data for integrated clinics will be presented in the Family Planning site type tables.

\*Risk factors are new or multiple partners or an STD diagnosis in the past 12 months.

Note: A site is only included in the tables below if it reported data in YE 2011.

**Table 1: Family Planning Clinic Data by Total Number of Clients  
Tested and Percent Positive  
Region 1, Year End, 2011**

Family Planning Clinics	Total		%
	Tested	Positive	
	N	N	
CT (n=14)	5587	332	5.9%
MA (n=10)	5264	399	7.6%
ME (n=15)	2436	158	6.5%
NH (n=15)	5320	316	5.9%
RI (n=9)	7985	641	8.0%
VT (n=10)	2104	105	5.0%
<b>TOTAL (n=73)</b>	<b>28696</b>	<b>1951</b>	<b>6.8%</b>

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, 2011**

STD Clinics	Total		%
	Tested	Positive	
	N	N	
MA (n=1)	3169	178	5.6%
ME (n=3)	224	56	25.0%
RI (n=1)	2	1	50.0%
<b>TOTAL (n=5)</b>	<b>3395</b>	<b>235</b>	<b>6.9%</b>

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, 2011**

High School Health Centers	Total		%
	Tested	Positive	
	N	N	
MA (n=15)	1037	88	8.5%
ME (n=6)	51	2	3.9%
<b>TOTAL (n=21)</b>	<b>1088</b>	<b>90</b>	<b>8.3%</b>

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, 2011**

Jail Clinics	Total		%
	Tested	Positive	
	N	N	
MA (n=3)	2377	162	6.8%
<b>TOTAL (n=3)</b>	<b>2377</b>	<b>162</b>	<b>6.8%</b>

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, 2011**

DYS Clinics	Total		%
	Tested	Positive	
	N	N	
CT (n=3)	914	38	4.2%
NH (n=1)	14	3	21.4%
<b>TOTAL (n=4)</b>	<b>928</b>	<b>41</b>	<b>4.4%</b>

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

**Table 6: Clinic Types by Total Tested and Percent Positive by Gender**  
**Region 1, Year End, 2011**

Clinic Type		Male			Female		
		Total			Total		
		Tested	Positive	%	Tested	Positive	%
		N	N	%	N	N	%
STD	MA	2431	140	5.8%	738	38	5.1%
	ME	65	28	43.1%	158	28	17.7%
	RI	0	0	.0%	2	1	50.0%
FP	CT	863	120	13.9%	4724	212	4.5%
	MA	809	157	19.4%	4451	241	5.4%
	ME	74	23	31.1%	2358	134	5.7%
	NH	147	53	36.1%	5167	263	5.1%
	RI	796	121	15.2%	7189	520	7.2%
	VT	403	48	11.9%	1701	57	3.4%
HS	MA	242	21	8.7%	786	64	8.1%
	ME	1	0	.0%	50	2	4.0%
JAILS	MA	1904	144	7.6%	473	18	3.8%
DYS	CT	736	23	3.1%	178	15	8.4%
	NH	0	0	.0%	14	3	21.4%
CHC	MA	135	20	14.8%	800	70	8.8%
	RI	6	1	16.7%	22	1	4.5%
University HC	MA	44	2	4.5%	198	9	4.5%
Integrated Clinic	MA	321	29	9.0%	196	11	5.6%

All other Region I Integrated Clinic are presented under Family Planning Clinic type

**Table 7: Sex, Age, Race, and Ethnicity by Total Tested and Percent Positive, Family  
Planning Clinics  
Region 1, Year End, 2011**

		Total		Positive	
		N	% of Tests	N	% Positive
Total clients		28696	100.0%	1951	6.8%
Sex	Male	3092	10.8%	522	16.9%
	Female	25590	89.2%	1427	5.6%
	Missing	0	.0%	0	.0%
	Unknown	14	.0%	2	14.3%
Age	<10	2	.0%	0	.0%
	10-14	265	.9%	10	3.8%
	15-19	8783	30.6%	743	8.5%
	20-24	13026	45.5%	919	7.1%
	25-29	3987	13.9%	211	5.3%
	30-39	1805	6.3%	57	3.2%
	40-49	598	2.1%	4	.7%
	>50	191	.7%	4	2.1%
	Missing	0	.0%	0	.0%
	ASIAN	590	2.1%	49	8.3%
AI/AN	105	.4%	9	8.6%	
BLACK	3397	11.8%	378	11.1%	
HAPI	32	.1%	3	9.4%	
Other Race	4554	15.9%	342	7.5%	
WHITE	19986	69.6%	1167	5.8%	
Hispanic	Yes	5378	18.7%	457	8.5%
	No	23124	80.6%	1480	6.4%
	Missing	194	.7%	14	7.2%

**Table 8: Clinical Data by Total Tested and Percent Positive, Family Planning Clinics**

**Region 1, Year End, 2011**

		Total		Positive	
		N	% of Tests	N	% Positive
Reason for exam	Total	256	100.0%	14	5.5%
	Symptomatic for STD	12	4.7%	4	33.3%
	Asymptomatic screen/visit	244	95.3%	10	4.1%
source of specimen	Total	28696	100.0%	1951	6.8%
	Cervix	11936	41.6%	610	5.1%
	Other	174	.6%	11	6.3%
	Rectum	52	.2%	0	.0%
	Urethral	36	.1%	1	2.8%
	Urine	16450	57.3%	1326	8.1%
	Not Tested	14	.0%	0	.0%
	Oropharynx	1	.0%	0	.0%
	Unknown	33	.1%	3	9.1%
	Presumptive Treatment	Total	28696	100.0%	1951
	Yes	1516	5.3%	391	25.8%
	Missing	27180	94.7%	1560	5.7%
Presumptive Treatment RX	Total	1516	100.0%	391	25.8%
	Zithromax	733	48.4%	269	36.7%
	Doxycycline	153	10.1%	21	13.7%
	Other	376	24.8%	47	12.5%
	Missing	254	16.8%	54	21.3%

1 Massachusetts, Maine, New Hampshire, Rhode Island, Vermont uses multiple variables to collect <reason for exam> data

2 CT does not collect Reason for Exam

3 Presumptive Treatment is reported by Maine, New Hampshire, and Rhode Island. Massachusetts reports Presumptive Treatment RX so it is added to Presumptive Treatment variable

4 Connecticut & Rhode Island do not report Presumptive Treatment RX



**Table 9a: Female Clinical Assessment Data by Total Tested and Percent Positive, Family Planning Clinics  
Region 1, Year End, 2011**

		<25				≥25			
		Total		Positive		Total		Positive	
		N	% of Tests	N	% Positive	N	% of Tests	N	% Positive
Female	Total clients	8812	100.0%	530	6.0%	3620	100.0%	88	2.4%
	Normal Appearance	6775	76.9%	365	5.4%	2721	75.2%	57	2.1%
	Mucopurulence/Cervicitis	106	1.2%	25	23.6%	52	1.4%	5	9.6%
	PID	235	2.7%	17	7.2%	103	2.8%	2	1.9%
	Pregnant	949	10.8%	54	5.7%	417	11.5%	9	2.2%
	Other	1260	14.3%	97	7.7%	528	14.6%	20	3.8%

\* For female clinical assessment data, percent is calculated using only total number of female clients

**Table 9b: Male Clinical Assessment Data by Total Tested and Percent Positive, Family Planning Clinics  
Region 1, Year End, 2011**

		<25				≥25			
		Total		Positive		Total		Positive	
		N	% of Tests	N	% Positive	N	% of Tests	N	% Positive
Male	Total clients	455	100.0%	95	20.9%	292	100.0%	40	13.7%
	Normal Appearance	345	75.8%	68	19.7%	200	68.5%	21	10.5%
	Urethritis	64	14.1%	16	25.0%	51	17.5%	15	29.4%
	Other	61	13.4%	14	23.0%	45	15.4%	5	11.1%

\* For male clinical assessment data, percent is calculated using only total number of male clients

**Table 10: Sexual History Risk Factors by Total Tested and Percent Positive**

**Region 1, Year End, 2011**

	<25			≥25		
	Total	Positive		Total	Positive	
	N	N	%	N	N	%
> 2 Partners	2993	255	8.5%	996	49	4.9%
New Partner	6109	462	7.6%	2396	102	4.3%
STD Diagnosis in Previous 12 months	509	80	15.7%	172	23	13.4%
Exposed to STD	472	172	36.4%	255	63	24.7%

\*ME, MA, NH, and VT collect Exposed to STD data in 2011

**Table 11: Contraception in past 60 days by Total Tested and Percent Positive**

**Region 1, Year End, 2011**

	<25			≥25		
	Total	Positive		Total	Positive	
	N	N	%	N	N	%
Barrier	3336	274	8.2%	795	43	5.4%
Hormonal	4156	230	5.5%	1105	23	2.1%
None	2946	279	9.5%	1251	65	5.2%
Other	463	37	8.0%	443	15	3.4%

\*MA, NH, and RI report Contraception data

**Table 12: Age Categories by Total Tested and Percent Positive, By Sex, Family Planning Clinics  
Region 1, Year End, 2011**

Age Groups		Male			Female			Unknown		
		Total	Positive		Total	Positive		Total	Positive	
		N	N	%	N	N	%	N	N	%
Age	TOTAL	3090	521	16.9%	25553	1425	5.6%	14	2	14.3%
	<10	0	0	.0%	2	0	.0%	0	0	.0%
	10-14	16	2	12.5%	249	8	3.2%	0	0	.0%
	15-19	660	111	16.8%	8117	632	7.8%	6	0	.0%
	20-24	1470	282	19.2%	11550	636	5.5%	6	1	16.7%
	25-29	527	102	19.4%	3459	108	3.1%	1	1	100.0%
	30-39	239	20	8.4%	1565	37	2.4%	1	0	.0%
	40-49	113	3	2.7%	485	1	.2%	0	0	.0%
	>50	65	1	1.5%	126	3	2.4%	0	0	.0%
	Missing	0	0	.0%	0	0	.0%	0	0	.0%

**Table 13: States by Total Females Tested and Percent Positive, By Age Categories, Family Planning Clinics**

**Region 1, Year End, 2011**

		Age								
		10-14			15-19			20-24		
		Total		Positive	Total		Positive	Total		Positive
		N	N	%	N	N	%	N	N	%
State	TOTAL	249	8	3.2%	8117	632	7.8%	11550	636	5.5%
	CT	38	2	5.3%	1547	93	6.0%	2631	105	4.0%
	MA	39	0	.0%	1644	118	7.2%	1943	98	5.0%
	ME	26	0	.0%	920	61	6.6%	1111	61	5.5%
	NH	64	3	4.7%	1763	120	6.8%	2213	108	4.9%
	RI	63	3	4.8%	1737	223	12.8%	2978	236	7.9%
	VT	19	0	.0%	506	17	3.4%	674	28	4.2%

**Table 14: Race by Total Females Tested and Percent Positive, By Age Categories, Family Planning Clinics**

**Region 1, Year End, 2011**

		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	414	38	9.2%	5	0	.0%	158	21	13.3%	251	17	6.8%
	AI/AN	72	6	8.3%	3	0	.0%	34	5	14.7%	35	1	2.9%
	BLACK	2201	230	10.4%	28	2	7.1%	973	120	12.3%	1200	108	9.0%
	HAPI	25	1	4.0%	1	0	.0%	15	0	.0%	9	1	11.1%
	Other Race	3051	218	7.1%	39	2	5.1%	1172	120	10.2%	1840	96	5.2%
	WHITE	14137	784	5.5%	175	4	2.3%	5777	370	6.4%	8185	410	5.0%

**Table 15: Female Clinical Assessment by Total Tested Percent of Positives, Family Planning Clinics  
Region I, Year End, 2011**

	Positive	
	N	% of Tests
Total Positives	619	100.0%
Normal Appearance	423	68.3%
Mucopurulence/Cervicitis	30	4.8%
PID	19	3.1%
Pregnant	63	10.2%
Other	117	18.9%

**Table 16: Male Clinical Assessment by Total Tested Percent of Positives, Family Planning Clinics  
Region I, Year End, 2011**

	Positive	
	N	% of Tests
Total Positives	136	100.0%
Normal Appearance	89	65.4%
Urethritis	32	23.5%
Other	19	14.0%

**Table 17: Type of Test by Positivity**

**Region I, Year End, 2011**

	Total		
	Tested	Positive	
	N	N	
Aptima	12830	965	7.5%
BD Probetec	25383	1657	6.5%
<b>TOTAL</b>	<b>38213</b>	<b>2622</b>	<b>6.9%</b>

**Table 18: 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	12/30=40.0%	4608	14(0.3%)	7	7/14=50.0%	842	16(1.9%)	5	5/16=31.3%
Maine	3/6=50.0%	2358	5(0.2%)	3	3/5=60.0%	74	1(1.4%)	0	0/1=0.0%
Vermont	2/4=50.0%	1680	1(0.1%)	0	0/1=0.0%	402	3(0.7%)	2	2/3=66.7%
Rhone Island	12/35=34.2%	7188	24(0.3%)	10	10/24=41.7%	796	11(1.4%)	2	2/11=18.2%
Massachusetts	5/15=33.3%	3596	9(0.3%)	4	4/9=44.4%	723	6(0.8%)	1	1/6=16.7%
New Hampshire	0/1=0.0%	823	2(0.2%)	1	1/2=50.0%	7	0(0.0%)	0	0/0=0.0%

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