

# **Chlamydia Screening Coverage in FP Clinics, 2007**

**David Fine  
Sarah Goldenkranz**

**Center for Health Training  
Seattle, WA**

# Background

- CDC/DSTDP recommends chlamydia screening for all women aged < 25 years
- Family Planning Annual Report (FPAR)
  - FPAR is the only source of annual, uniform reporting by all Title X family planning services grantees.
  - It provides consistent, national-level data on the Title X Family Planning Program and its users.
- Region X 2007 FPAR CT Coverage, female clients:

Age	% CT Coverage
<15	27%
15-17	36%
18-19	40%
20-24	45%

# Objectives

- Assess CT screening coverage within Region X Title X FP program for women age < 25 years
  - Explore coverage by state, age, race, frequency of patient visits, and visit type
- Relate CT screening coverage analyses in Title X FP to IPP CT positivity among FP visits

# Methods—Patient Data

- FPAR results are based on the Region X FP Title X data management system (DMS)
  - Clinic Visit Record—form and measures collected for all client visits to FP Title X clinics
  - Ahlers and Associates—DMS contractor
  - CHT—DMS coordinator
- Accessed 2007 CVR dataset
- Selected female visits
- Summarized visits to patient level
- Selected age < 25
- N = 152,013 female clients age 10-24 years

# Results—FP Clients

Measure	% Clients	% CT Coverage
<b>Total Sample</b>	100	39
<b>State</b>		
Alaska	3	66
Idaho	10	59
Oregon	46	32
Washington	41	41
<b>Age</b>		
10-14	1	24
15-17	19	32
18-19	24	37
20-24	56	43

N = 152,013 female clients

# Results

Measure	% Clients	% CT Coverage
---------	-----------	---------------

## Race

White	81	38
Black	3	46
American Indian	2	37
AK Native	<1	48
Asian	3	43
HAPI	1	40
Ethnicity, Hispanic	15	43

## Number of Visits

1	64	29
2	20	44
3	8	50
4	4	50
5	3	58

# Results

Measure	% Clients	% CT Coverage
<b>Initial/Annual Exam</b>		
Yes	38%	78%
No	62%	15%

**Among the 62% of patients that did NOT have initial or annual exams:**

## Visit Type

Other Medical	81%	18%
Counseling Only	4%	12%
Pregnancy Test	22%	10%

**The majority of female FP clients age < 25 years are not being tested for CT.**

# Methods—FP Clinic-Level Data

- Created clinic level record from patient data file
  - Summary CT coverage for each FP site
    - Based on women aged <25
- Selected sites with 50 or more patients
- N = 203 clinics
- Average coverage = 39%

# Results—Clinic Records

1. Clinics vary significantly in CT coverage:

CT Coverage	% of Clinics
<20%	16%
20-29%	15%
30-39%	17%
40-49%	22%
50-59%	16%
60-69%	11%
70+	4%

N = 203 FP clinics



2. States vary significantly in average CT coverage
3. Within each state, CT clinic coverage varies significantly

State	# of Clinics	Average CT Coverage	CT Coverage Range
Alaska	5	59%	30-80%
Idaho	36	55%	20-81%
Oregon	101	33%	0-62%
Washington	61	38%	0-99%

**Regional and statewide averages for CT coverage may not reflect coverage at individual FP clinics.**

# CT Coverage

- Why is CT coverage relatively low?
- Why does it vary so much between clinics?
- Possible explanations:
  - Artifact—Inconsistent reporting of CT tests performed in FP CVR system
  - Specimen source/test type
  - CT testing within 12 months from prior year
  - Special funded programs beyond IPP
  - Resource constraints, funding allocations
  - Patient flow issues
  - Other?

# Region X IPP Context...

N~68,000 CT tests in 2007 among female IPP FP clients age < 25 years

Measure	% Tests	% CT+
Total Sample	100	5.9
Age		
10-14	1	6.4
15-17	17	6.4
18-19	23	7.1
20-24	58	5.2
Routine visit	66	4.7
Pregnancy-related visit*	11	6.4

\*Prior IPP analyses of FP clients age < 25 years who were either pregnant or in for pregnancy-related visits had CT+ of 7.0% (2003-2006)

# Conclusions

- The majority of Title X FP clients come in for non-routine exams
- But, the majority of FP IPP CT tests occur during routine exams
  - FP clients seen for other medical or pregnancy-related visits were much less likely to be screened in IPP
  - CT+ is higher among adolescent women and those coming in for non-routine exams

- Region X IPP
  - Screening levels are lower among female clients in for non-routine visits
  - Missing majority of young Title X FP clients where CT+ is relatively high (~6-7%)
- Targeted screening among young FP female clients in for non-routine visits may be an effective program strategy