

# Newly Diagnosed Study



**Ryan White EMA Planning Council**  
**Strategic Planning & Assessment Committee**

*New Haven and Fairfield Counties*

COLLABORATIVE  RESEARCH

*May 6, 2010*





# Care Status Demographics

	UNAWARE ESTIMATE	NEWLY DIAGNOSED (WITHIN LAST YEAR)	NEWLY DIAGNOSED (WITHIN LAST YEAR)	OOC
<b>GENDER</b>	<i>(CDC, CT DPH)</i>	<i>(FULL POPULATION BASED - 2009)</i>	<i>SAMPLED STUDY IN 2010</i>	<i>2007 STUDY</i>
Male	69.8%	66.5%	60%	55.9%
Female	30.2%	32.5%	40%	44.1%
<b>RACE/ ETHNIC</b>				
Caucasian	28.5%	29%	23%	14.7%
African-American	38.5%	39%	46%	47.1%
Latino/a	31.4%	30%	31%	38.2%
Multi-Race	0.6%	1.3%	0%	0%
Other	0.15%	0.7%	0%	0%
<b>TRANSMISSION</b>				
IDU	15.9% (25.8%)	30.7%	33%	46.6%
MSM	25.9% (42.1%)	36.5%	35%	10.3%
MSM/IDU	1.3% (2.2%)	2.4%	0%	5.9%
Heterosexual	17.6% (28.6%)	30.4%	32%	33.8%
Pediatric	0.8% (1.3%)	0%	0%	0.5%
Unknown	38.5% (0%)	0%	0%	2.9%
<b>AGE GROUP</b>				
0-12	0.5%	0%	0%	0%
13-19	1.2%	1.9%	2%	1.1%
20-29	14.8%	21.1%	21%	8.9%
30-39	25.7%	23.2%	24%	26%
40-49	32.2%	26.9%	26%	39%
50+	25.7%	26.9%	27%	25%

# Details of Newly Diagnosed Study

# Methodology

- A newly diagnosed study was commissioned in early 2010.
- The rationale for the study was to determine, even if by inference, details related to the Unaware of HIV diagnosis and also to determine issues experienced by the Newly Diagnosed (February 2009 to present) in attaching to care.
- The target sample size was 50-74 PLWHA diagnosed in the past year with representation from all Strategic Planning Regions. Newly diagnosed respondents were difficult to recruit due to stigma, shock with their diagnosis, and difficulty understanding use of the data. Over a three and a half month period there were 52 respondents.
- Integration of prior studies (Out of Care, Full Population Based Chart Audits in 2006 and 2009 and Estimate of Unaware of HIV Diagnosis) was requested.
- The study initially used a longer survey instrument (80 questions) which was shortened to 25 critical questions to encourage participation.
- Incentives were offered for completion of the survey in the amount of \$20 to Stop & Shop grocery stores.

# Survey Instrument

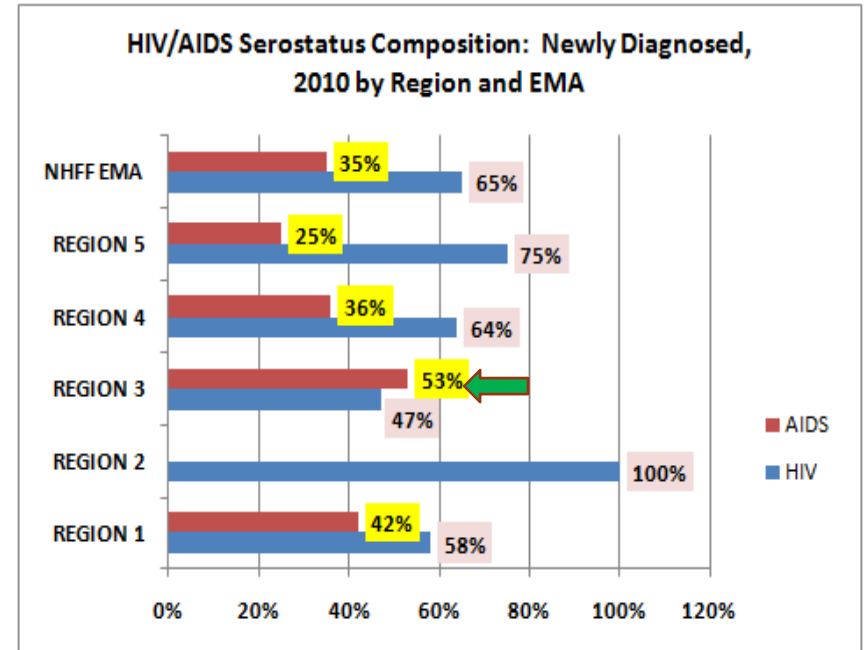
- The survey instrument requested information on eight (8) different categories:
  - 1) **DEMOGRAPHICS**
  - 2) **HIV ACQUISITION**
  - 3) **HIV TESTING**
  - 4) **HIV DISCLOSURE**
  - 5) **DELAY OF ENTRY INTO HIV MEDICAL CARE**
  - 6) **HIV PATHWAY TO CARE**
  - 7) **CURRENT 'IN CARE' PRACTICE AND CD4 AT DIAGNOSIS**
  - 8) **RISK REDUCTION**

# Findings: HIV Status and Health Insurance

## HEALTH INSURANCE

HEALTH INS	MA	NONE	MC	PRIV	HUSKY
REGION 1	17%	83%			
REGION 2	40%	30%	10%		20%
REGION 3	47%	40%		13%	
REGION 4	82%	18%			
REGION 5	100%				
NHFF EMA	50%	40%	2%	4%	4%

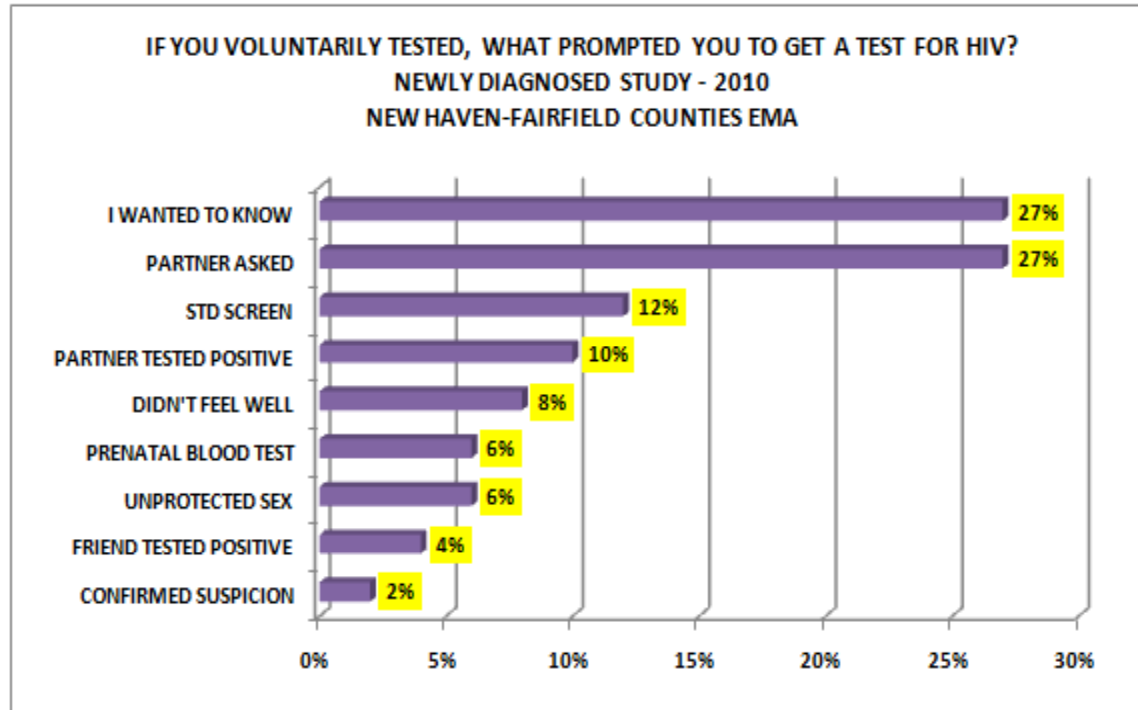
## HIV/AIDS STATUS AT DX



Only one Region, Region #3: Bridgeport, reported more AIDS diagnoses upon initial diagnosis than HIV.

# Findings: HIV Testing

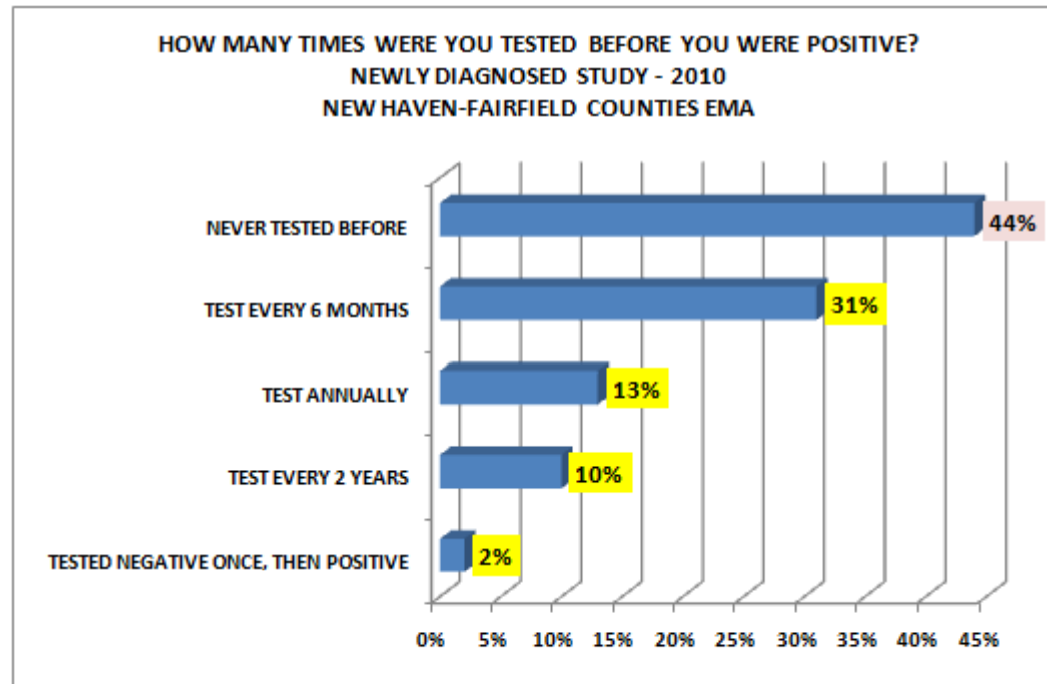
## REASON FOR TESTING



REASON TEST	REASON NEWLY DIAGNOSED RESPONDENT WAS TESTED FOR HIV								
	STD SCREEN	FRIEND TEST POS	PARTNER ASKED	PARTNER TEST POS	UNPROT SEX	WANTED TO KNOW	CONFIRM SUSPICION	DIDN'T FEEL WELL	PRENATAL BLOOD
REGION 1	25%		25%			25%		25%	
REGION 2	10%			30%	20%	10%	10%		20%
REGION 3	7%		27%	13%	7%	40%		7%	
REGION 4			64%			27%			9%
REGION 5	25%	50%				25%			
NH FF EMA	12%	4%	27%	10%	6%	27%	2%	8%	6%

# Findings: HIV Testing

## PRIOR TESTING/FREQUENCY BEFORE HIV DIAGNOSIS

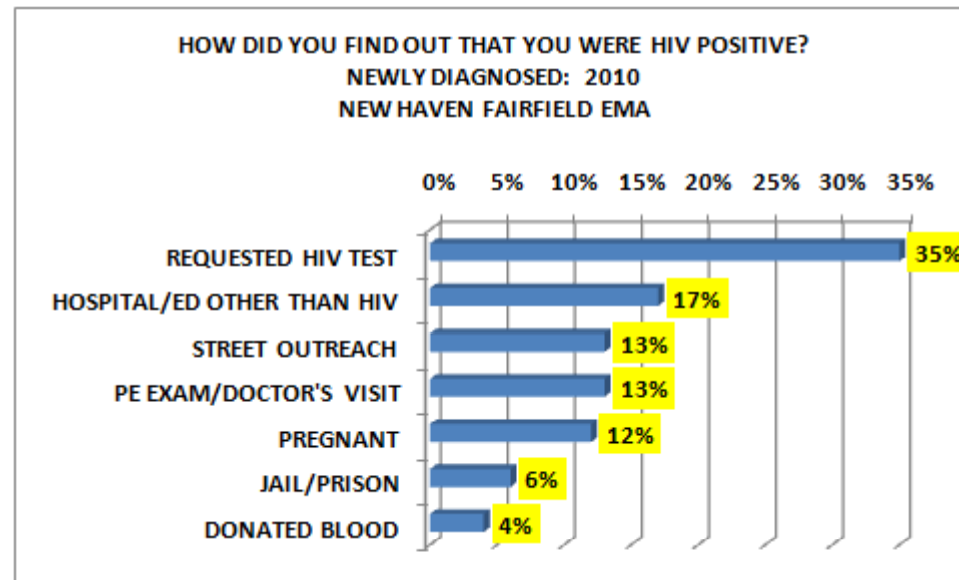


HIV TESTING HISTORY	NOT TESTED BEFORE	EVERY 6 MONTHS	ANNUAL	EVERY 2 YEARS	OTHER: TESTED ONCE, THEN POS
REGION 1	25%	33%	17%	25%	
REGION 2	30%	30%	30%	10%	
REGION 3	80%	20%			
REGION 4	9%	55%	18%	9%	9%
REGION 5	100%				
NH FF EMA	44%	31%	13%	10%	2%

1 REGION (REGION #5: 100% NEVER TESTED BEFORE,  
ANOTHER REGION: #3-BRIDGEPORT AT 80%)

# Findings: HIV Testing

## HOW DID YOU FIND OUT THAT YOU WERE HIV POSITIVE?

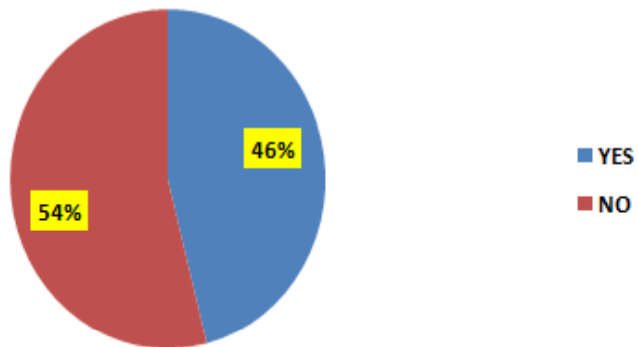


FIND OUT HIV POSITIVE	REQUESTED HIV TEST	STREET OUTREACH	DONATED BLOOD	HOSPITAL/ED OTHER THAN HIV	PE EXAM/DOCTOR'S VISIT	PREGNANT	JAIL/PRISON
REGION 1	25%	25%		17%	25%		8%
REGION 2	40%			30%		30%	
REGION 3	37%	27%	13%	20%	13%		
REGION 4	28%			9%	18%	27%	18%
REGION 5	100%						
NEW HAVEN FAIRFIELD EMA	35%	13%	4%	17%	13%	12%	6%

# Findings: HIV Disclosure

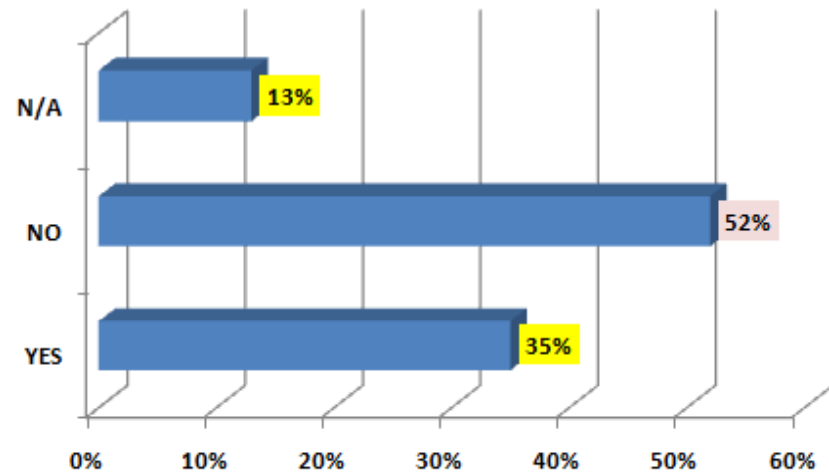
## IN RELATIONSHIP?

ARE YOU CURRENTLY IN A RELATIONSHIP?  
NEWLY DIAGNOSED STUDY - 2010  
NEW HAVEN-FAIRFIELD COUNTIES EMA



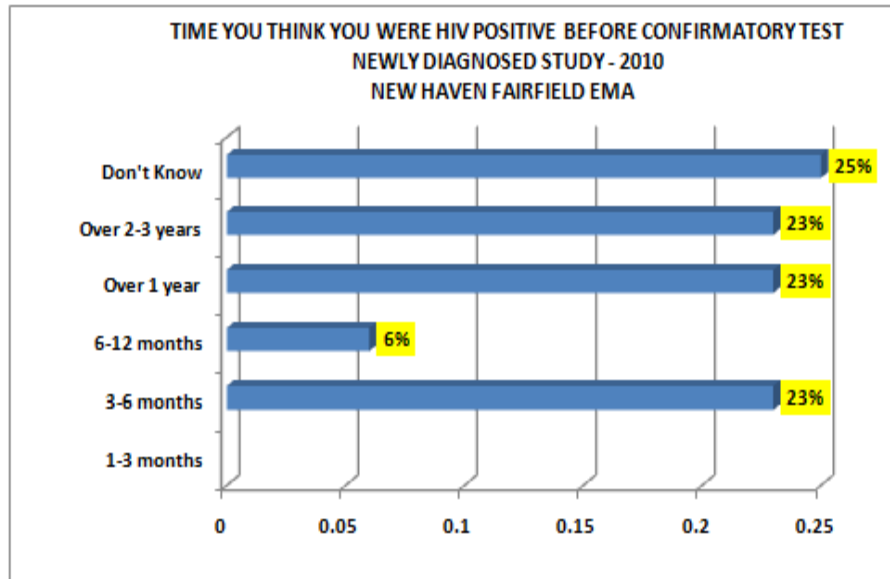
## PARTNER NOTIFICATION/DISCLOSURE?

DO YOU TELL OR ENCOURAGE YOUR PARTNER TO GET TESTED FOR  
HIV?  
NEWLY DIAGNOSED STUDY -2010  
NEW HAVEN-FAIRFIELD COUNTIES EMA



# Findings: Delay into Care Entry

## DELAY: TIME YOU THINK YOU WERE HIV+ BEFORE POSITIVE TEST



The combined figure by Region of 'over 1 year and over 2-3 years' is:

Region 1 (New Haven): 42%

Region 2 (Waterbury): 55%

Region 3 (Bridgeport): 47%

Region 4 (Stamford): 54%

Region 5 (Danbury): 46%

**For an EMA total of 46%**

Time you think you were HIV Positive before Confirmatory Test					
	3-6 months	6-12 months	Over 1 year	Over 2-3 years	Don't Know
<b>REGION 1</b>	25%		25%	17%	33%
<b>REGION 2</b>	11%	11%	33%	22%	22%
<b>REGION 3</b>	20%	7%	20%	27%	27%
<b>REGION 4</b>	27%		18%	36%	18%
<b>REGION 5</b>	50%		25%		25%
<b>EMA</b>	23%	6%	23%	23%	25%

## WHAT SERVICES WOULD HELP YOU GET INTO MEDICAL CARE QUICKER?

REDUCE DELAY TO CARE	MORE INFORMATION	MH COUNSEL AT POS DX	TRANSPORT	OTHER: PEER COUNSEL	OTHER: HOUSING
<b>REGION 1</b>	8%	42%		50%	
<b>REGION 2</b>	30%	10%		60%	
<b>REGION 3</b>	20%	47%	7%	27	
<b>REGION 4</b>		18%		73%	9%
<b>REGION 5</b>	25%	25%		25%	25%
<b>NH FF EMA</b>	15%	31%	2%	48%	4%

#1: 'OTHER': PEER COUNSEL

#2: MENTAL HEALTH COUNSELING AT POSITIVE DIAGNOSIS

#3: MORE INFORMATION/EDUCATION ABOUT HIV

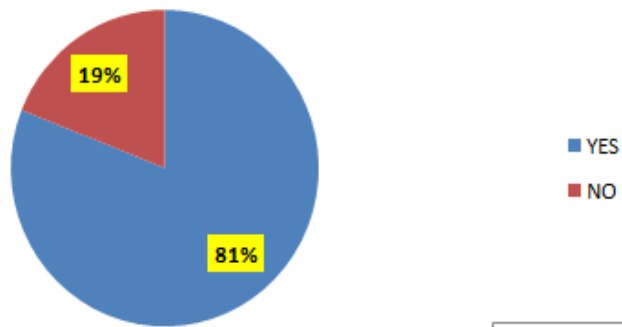
#4: 'OTHER': HOUSING

#5: TRANSPORTATION

# Findings: HIV Pathway to Care

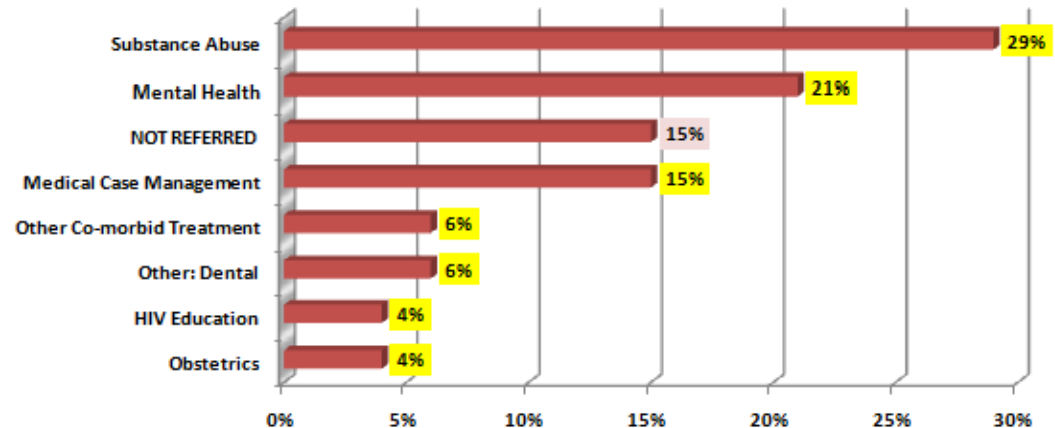
## REFERRED TO HIV MEDICAL CARE AT POSITIVE DIAGNOSIS?

REFERRED TO HIV CARE UPON POSITIVE HIV DIAGNOSIS?  
NEWLY DIAGNOSED STUDY - 2010  
NEW HAVEN-FAIRFIELD COUNTIES EMA



## REFERRED FOR WHAT SERVICES?

AT THE TIME OF YOUR HIV DIAGNOSIS WERE YOU REFERRED TO ANY SERVICES?  
NEWLY DIAGNOSED STUDY - 2010  
NEW HAVEN-FAIRFIELD COUNTIES EMA

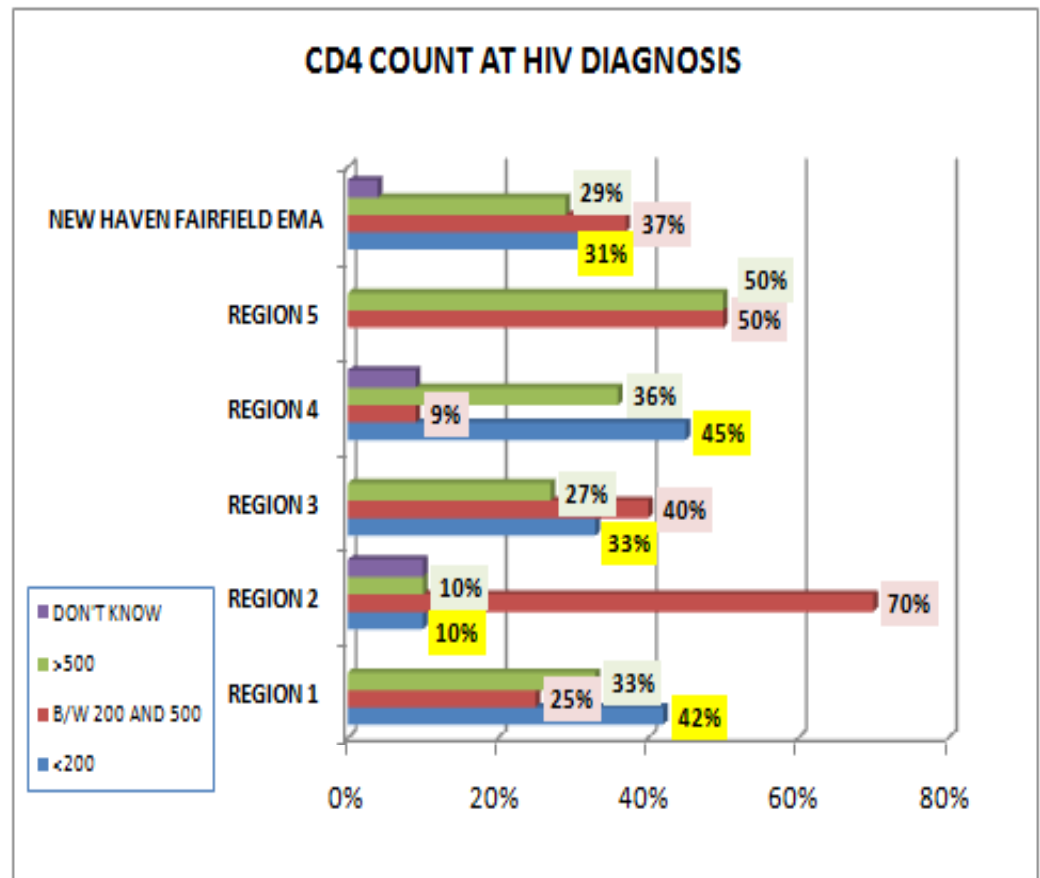


# Findings: Current 'In Care' and CD4 at Diagnosis

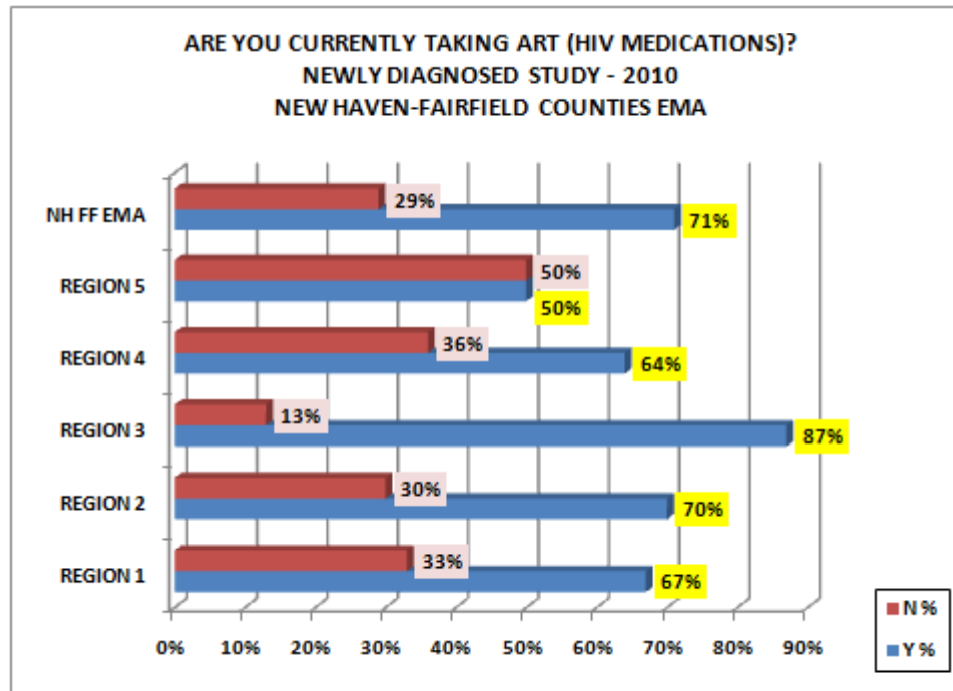
## PMC LOCATION

PROVIDER	#	%	#	%
	PROVIDER		REGION	
<b>REGION 1</b>			<b>12</b>	<b>23%</b>
CHCV (YALE VAN)	10	19%		
NATHAN SMITH	1	2%		
FAIR HAVEN CHC	1	2%		
<b>REGION 2</b>			<b>10</b>	<b>19%</b>
WATERBURY HOSPITAL INFECTIOUS DISEASE CLINIC	8	15%		
WATERBURY HOSPITAL	1	2%		
WATERBURY HEALTH DEPT	1	2%		
<b>REGION 3</b>			<b>15</b>	<b>29%</b>
OPTIMUS-BRIDGEPORT	6	12%		
SOUTHWEST CHC	4	8%		
BRIDGEPORT HOSPITAL	4	8%		
DR. ZANE SAUL	1	2%		
<b>REGION 4</b>			<b>11</b>	<b>21%</b>
OPTIMUS-STAMFORD	9	17%		
NORWALK CHC	1	2%		
MIDDLESEX HOSPITAL	1	2%		
<b>REGION 5</b>			<b>4</b>	<b>8%</b>
DANBURY HOSPITAL	4	8%		
<b>NEW HAVEN-FAIRFIELD COUNTIES EMA</b>	<b>52</b>	<b>100%</b>	<b>52</b>	<b>100%</b>

## CD4 COUNT AT DX



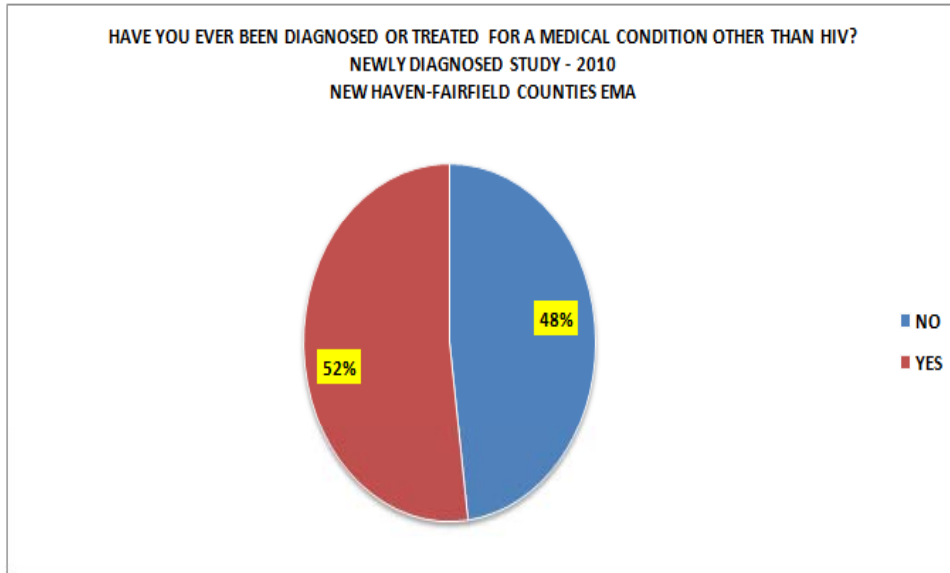
# Findings: ART (HIV MEDICATION)



TAKING ART?	YES	NO	Y %	N %
<i>REGION 1</i>	8	4	67%	33%
<i>REGION 2</i>	7	3	70%	30%
<i>REGION 3</i>	13	2	87%	13%
<i>REGION 4</i>	7	4	64%	36%
<i>REGION 5</i>	2	2	50%	50%
<b>NEW HAVEN FAIRFIELD EMA</b>	<b>37</b>	<b>15</b>	<b>71%</b>	<b>29%</b>

# Findings: Other Co-Morbid Conditions

## MEDICAL CO-MORBIDITIES?

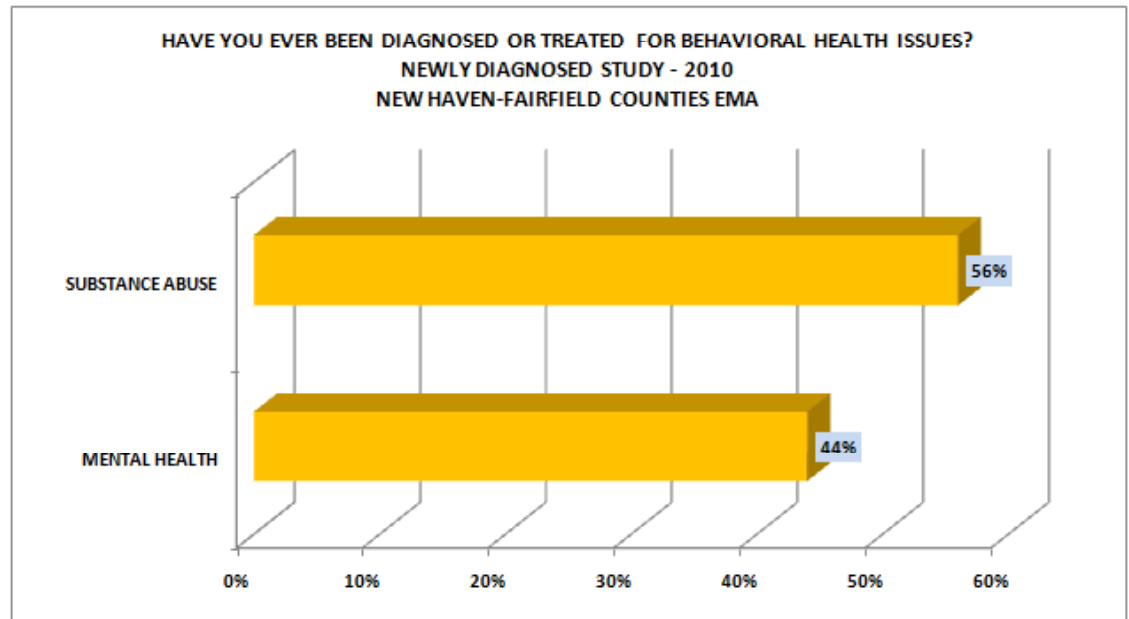


The majority (52%) of respondents have been diagnosed or treated for at least one other medical condition besides HIV.

Over half (56%) of respondents report diagnosis or treatment for substance abuse.

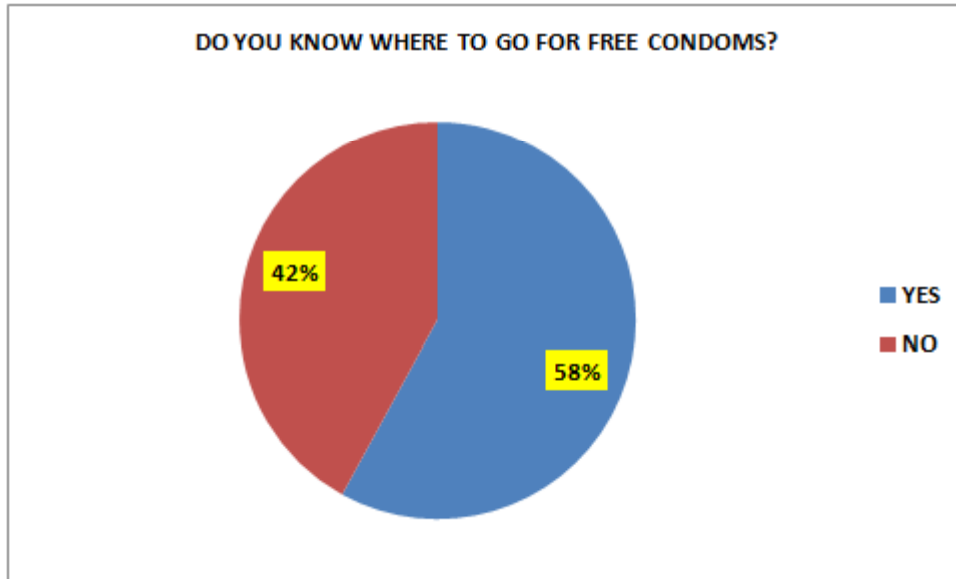
Slightly under half (44%) report diagnosis or treatment for mental health issues.

## BEHAVIORAL HEALTH CO-MORBIDITIES



# Findings: Risk Reduction

## CONDOM USE?



Of the 42% (n = 22) of respondents that stated that they were unaware of where to go for free condoms, the majority were male (64% or 14) versus female (36% or 8).





# Recommendations