



8th International Conference on **HIV TREATMENT AND PREVENTION ADHERENCE**

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Using a Health System and Patient Centered Approach to Link Individuals Living with HIV Infection into Primary Medical Care in Louisiana

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LOUISIANA DEMOGRAPHICS

Categories	Estimate
Population, 2012	4.6 million
White/Caucasian	64%
Black/African American	32%
Hispanic/Latino	4.4%
% Below the Poverty Level, 2007-2011	18.4%
Lack of Health Insurance, 2011	22.5%



Source: US Census and CDC BRFSS

UNMET NEED FOR HIV CARE

LOUISIANA, 2010

Categories	% in Care (CD4 or viral load in the last 12 months)	% Not in Care (Unmet Need)
Overall	64%	36%
Female	70%	30%
Male	61%	39%
Black/African American	64%	36%
White	65%	35%
Region 1 – New Orleans	59%	41%
Region 2 – Baton Rouge	71%	29%
Region 5 – Lake Charles	54%	46%
Region 7 - Shreveport	60%	40%



Source: Louisiana Office of Public Health STD/HIV Program, 2010

BACKGROUND ON POSITIVE CHARGE

- É Access to care initiative funded by AIDS United and Bristol-Myers Squibb in 2010
- É LA is one of 5 funded sites (NC, IL, NYC, CA)
- É Johns Hopkins University is the national evaluator
- É LPHI is the lead agency and local evaluator
- É Goal is to improve linkage to HIV care:
 - Individuals living with HIV infection that are not in care or have fallen out of care
 - Newly diagnosed (within last 6 months)



POSITIVE CHARGE SITES BY REGION



- É Region I: New Orleans
- É Region II: Baton Rouge
- É Region V: Lake Charles
- É Region VII: Shreveport

PATIENT CENTERED APPROACH

Health
Navigation

Disease
Intervention
Services

Linkage Case
Management

Pre/Post-
Release Case
Management

SYSTEM-LEVEL TOOLS & RESOURCES

- É Data collection system - Ryan White CAREWare
- É Alert system - Louisiana Public Health Information Exchange (LaPHIE)
- É Surveillance system ó CD4 and viral load data from laboratories as required by the Louisiana Public Health Sanitary Code
- É Reminder system - Out of care lists generated by providers/intervention sites



DEMOGRAPHIC BREAKDOWN OF POSITIVE CHARGE PARTICIPANTS

Demographic Profile (August 1, 2010 – December 31, 2012)	Estimate (N=891)
African American	83%
Male	64%
Transgender	3%
MSM	15%
High School, GED or less	77%
18 – 24 yrs of age	19%
25 – 29 yrs of age	17%
30 – 39 yrs of age	29%
40 – 49 yrs of age	23%

ENROLLMENT AND LINKAGE (N = 891)

Year	Numbers Enrolled	Numbers Linked	Linkage Rate (%)
Year 1	292	226	77
Year 2	429	372	87
Year 3	170	141	83
Overall	891	739	83

Data is reported by evaluation year and not funding year. The evaluation year runs from August to July.

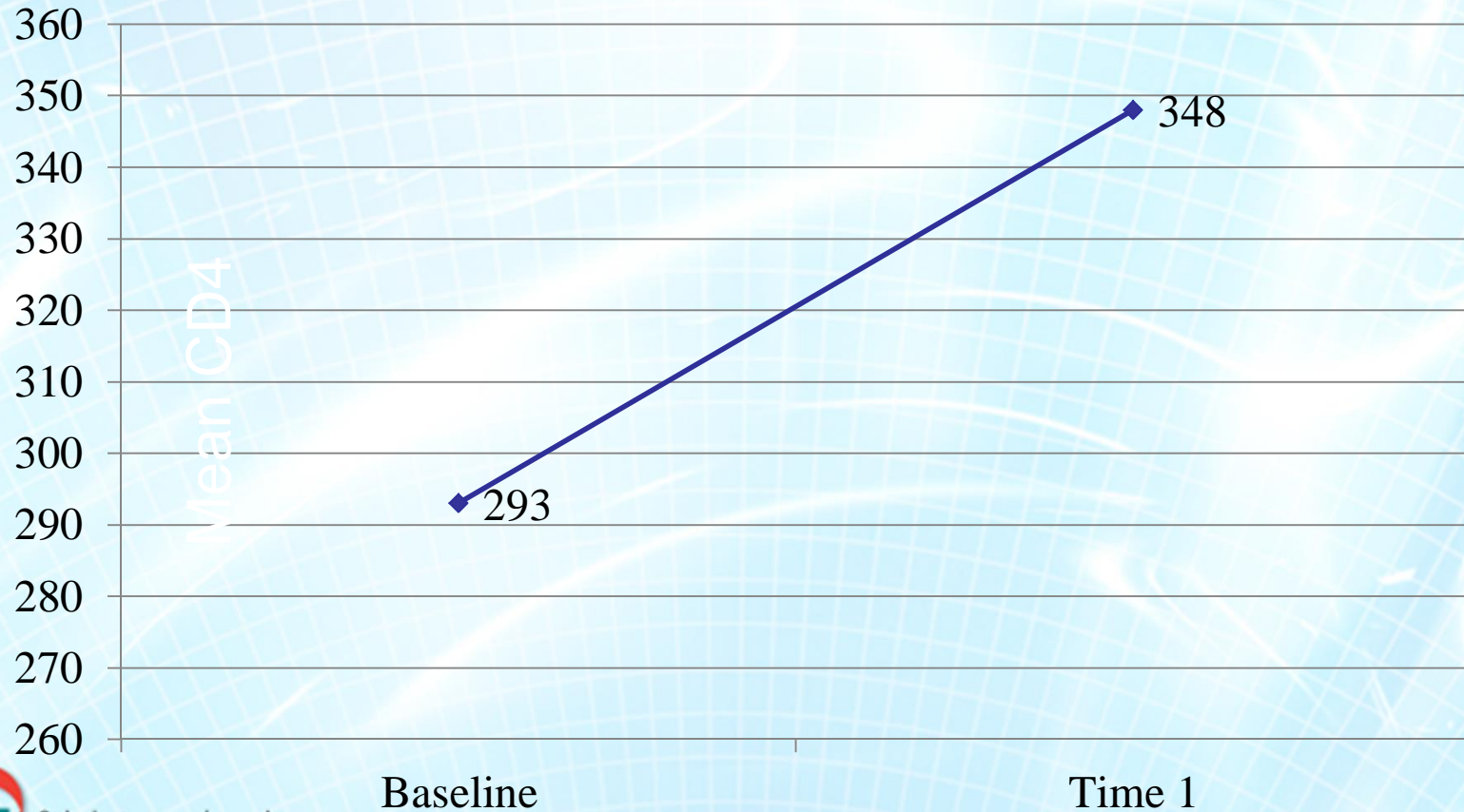


CRUDE CLINICAL OUTCOMES

Time Period	Mean CD4	Mean Viral Load
Baseline (based on 891 participants)	333	301,525
T1	366	47,271
T2	401	59,546
T3	423	30,537

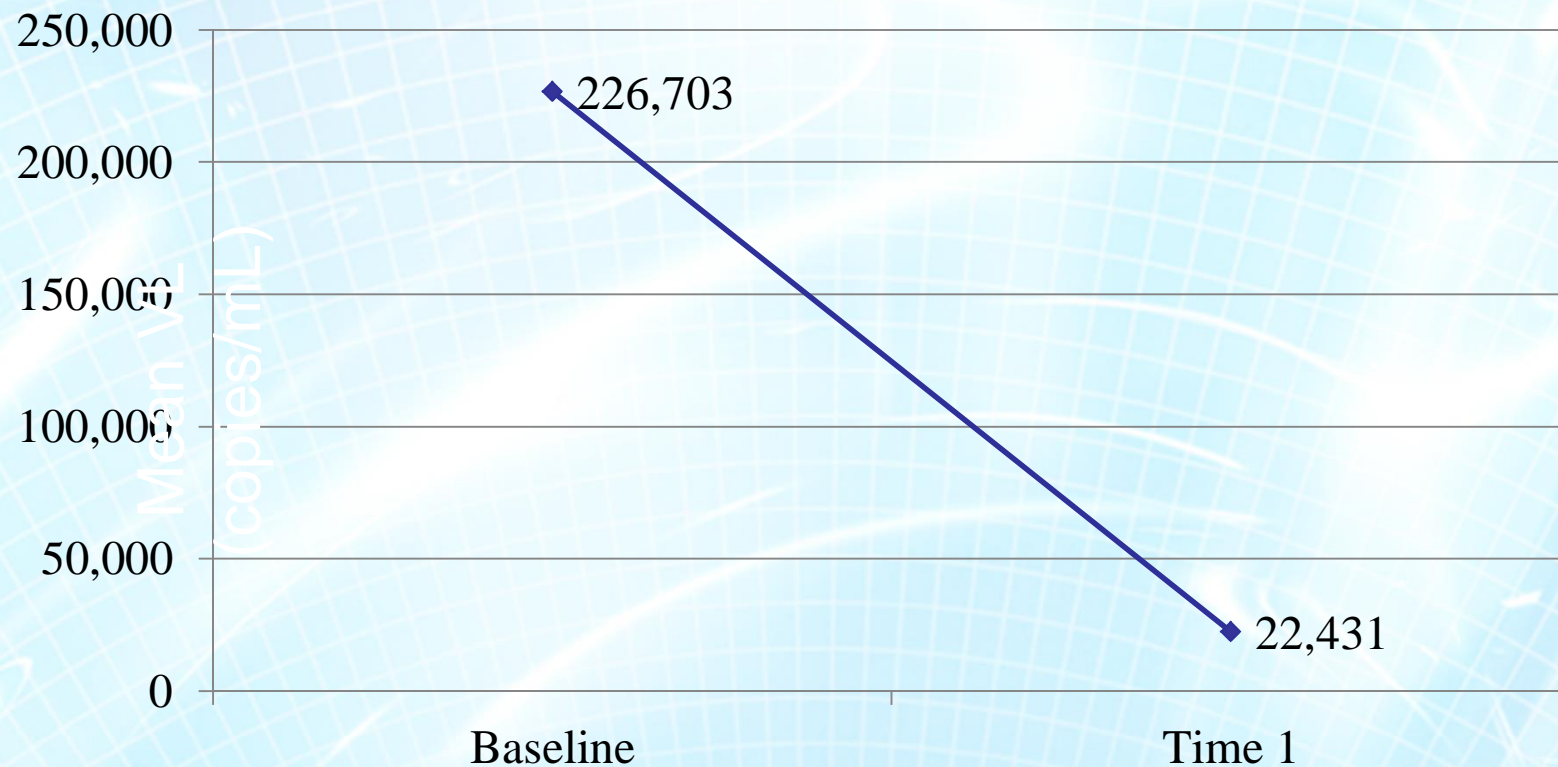
Baseline is the initial linkage. T1 is six months post initial linkage, T2 is 12 months post initial linkage, and T3 is 18 months post initial linkage.

CD4 : Louisiana



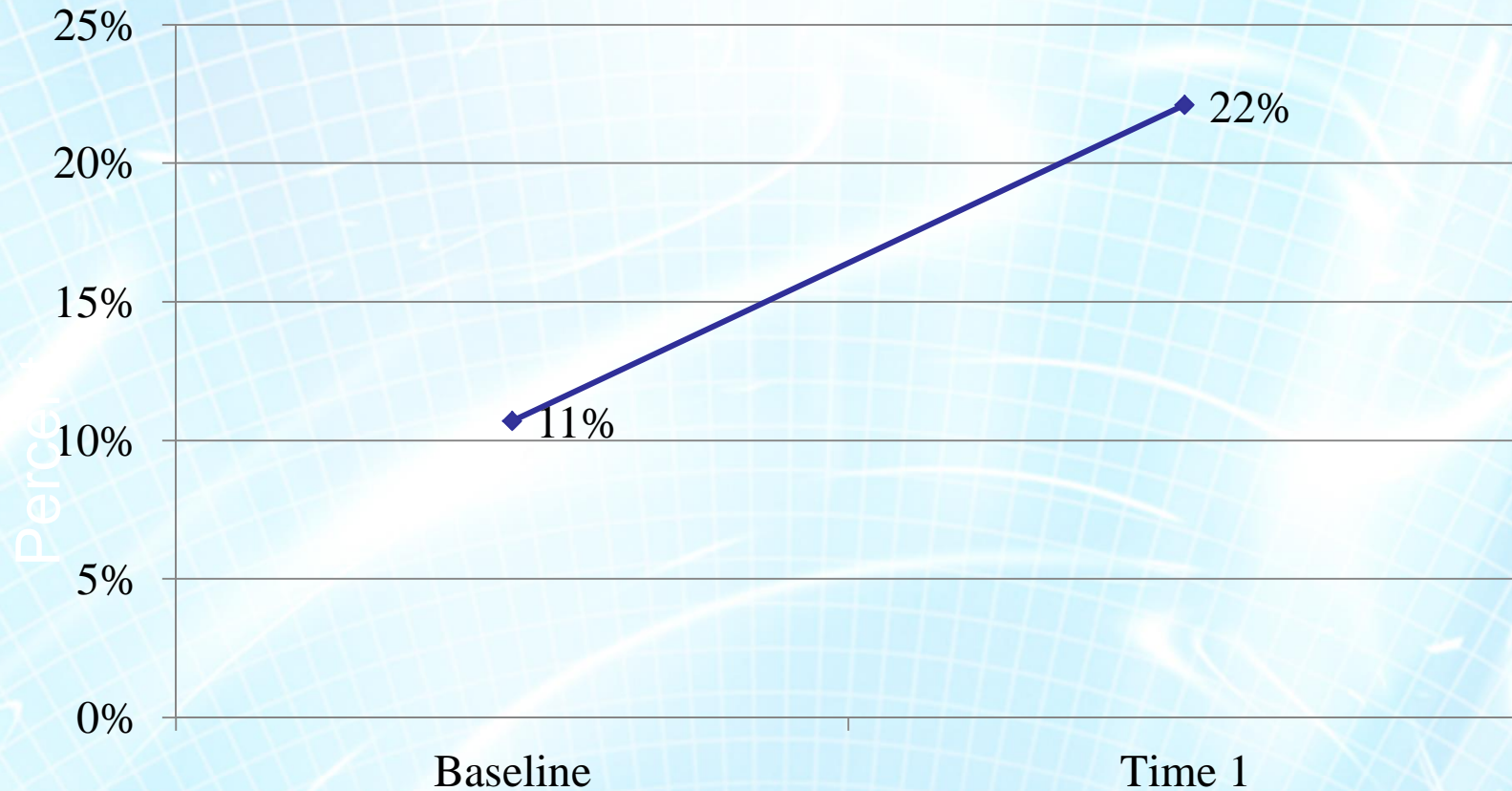
N=123; T1 mean days from baseline=133; t-test difference of means $p<.05$

Viral Load: Louisiana



**N=110; T1 mean days from baseline = 129; T test for
difference of means $p < .05$**

% Undetectable VL: Louisiana



LESSONS LEARNED

- É Positive Charge has raised the visibility of the importance of linkage to care for PLWH in the state
- É Provided a platform for other access to care initiatives
- É Enhanced relationships and coordination among Positive Charge partners
- É Importance of developing and updating Intervention workflows

ACKNOWLEDGEMENTS

É **PC Participants**

É **PC Partners**

- LA Office of Public Health, STD/HIV Program
- NO/AIDS Taskforce,
- Orleans Parish Prison
- HAART
- HIV Outpatient Program
- Capitol Area Reentry Program
- Earl K. Long Medical Center/LSU Health Baton Rouge, Our Lady of the Lake
- Family Services Greater Baton Rouge

- Southwest Louisiana AIDS Council

- W.O. Moss Regional Medical Center (LSU)

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É **AIDS United**

É **Bristol-Myers Squibb**

