

The logo features a large, stylized red graphic element on the left side, resembling a thick vertical bar with a horizontal bar extending from its top and bottom, forming a partial frame. The text is positioned to the right of this graphic. The year '2018' is written vertically in light blue. The word 'NATIONAL' is in light blue, positioned above the main title. The main title 'RYAN WHITE' is in large, bold, white capital letters. Below it, the subtitle 'CONFERENCE ON HIV CARE & TREATMENT' is in smaller, light blue capital letters. The background is a solid dark blue, with a thick red horizontal bar at the bottom and a red vertical bar on the left side.

2018 NATIONAL
RYAN WHITE
CONFERENCE ON HIV CARE & TREATMENT

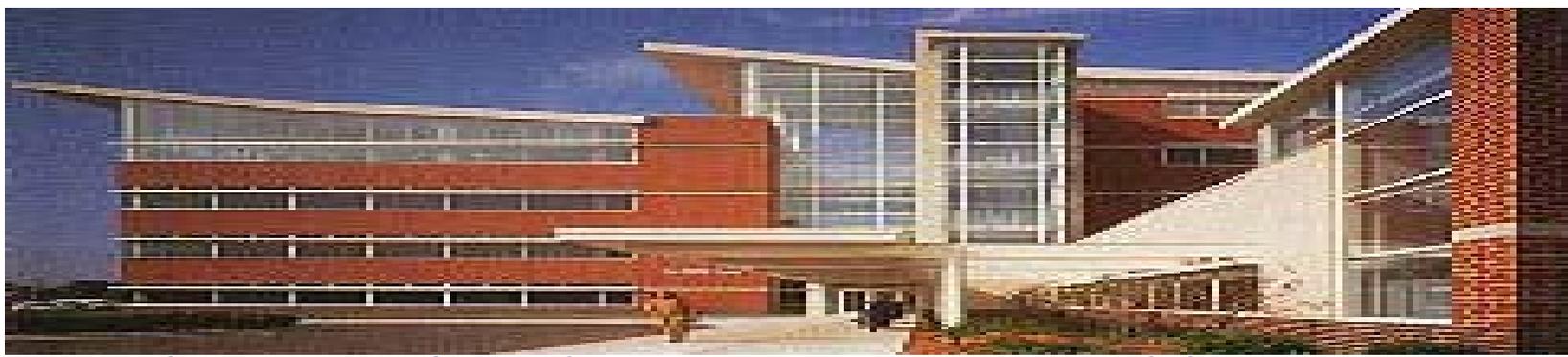
What Do an Electronic Database, Community Health Worker and Linkage to Care Have in Common?

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Ruth M. Rothstein CORE Center: Chicago, IL

Cook County Health and Hospitals System – Public “Safety-Net” Facility

>4,000 active patients, >12,000 primary care visits annually

It is estimated that we provide care to 30-35% of PLWA’s known to be in care in Chicago

64% African American and 24% Hispanic/Latino

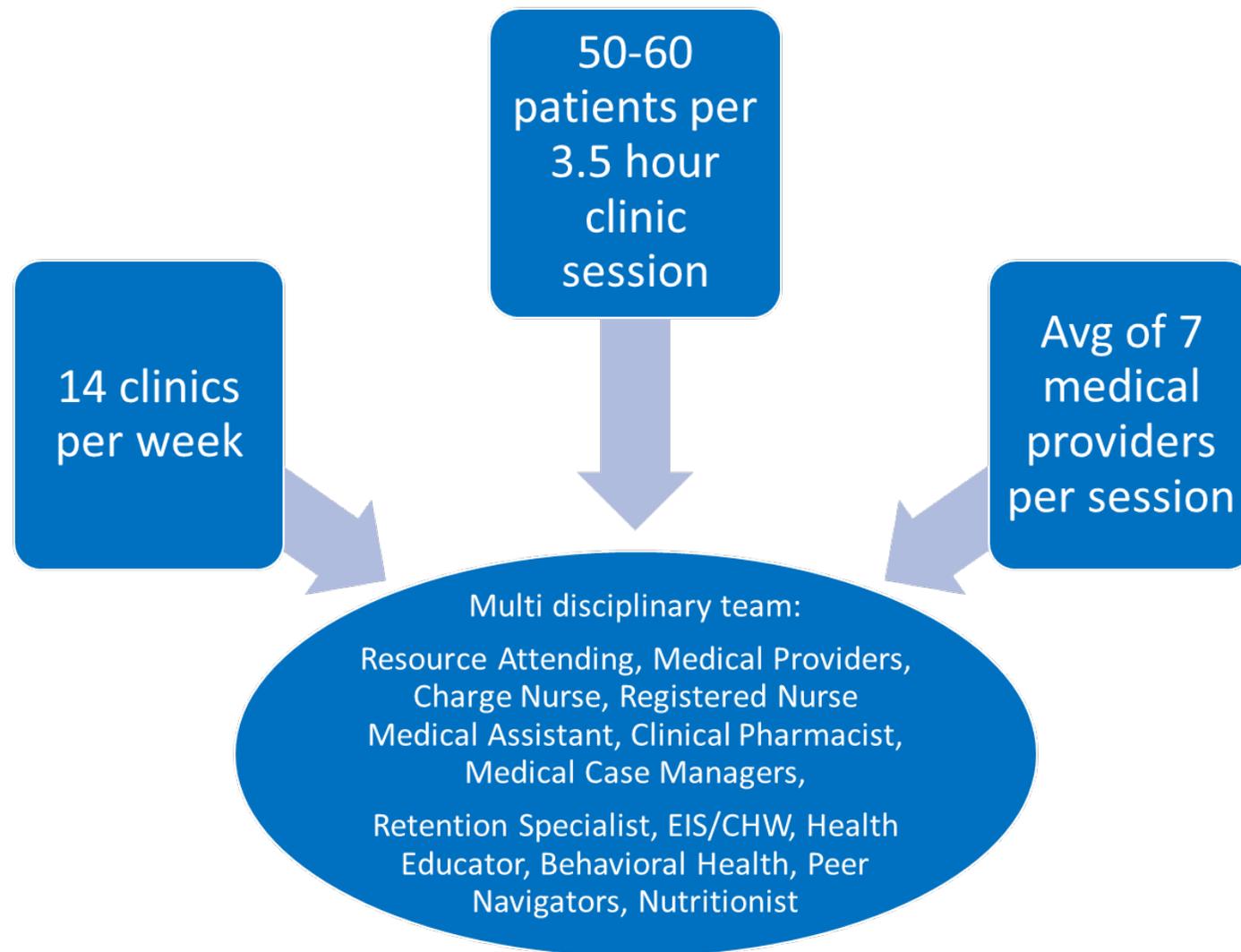
Male 74% Female 26%

>90% have incomes less than 200% FPL

Frequent history of drug use, incarceration

One-stop shopping model/wrap-around services

CORE CENTER CLINICS



Power BI

- Power BI by Microsoft is an industry leader in the business intelligence space, combining data analytics, a user-friendly interface, and powerful data visualization capabilities
- Power BI can connect to many data sources and the list is continually expanding. In CORE Center's implementation, it is connected to a SQL database provided by CRU. Standard SQL queries are used to build each dataset
- Dashboards and reports are easily shared on the cloud with data refreshing on a daily schedule
- Power BI is included with CORE Center's existing Microsoft Office 365 Enterprise which provides seamless access with strong security

Data To Care/D2C

- PTM/SPNS collaborates with the Chicago Department of Public Health (CDPH) D2C project to identify lost to care (LTC) HIV positive patients.
- This collaboration with CDPH has been instrumental in the outreach efforts for LTC CORE patients.
 - LTC list decreased by 957 patients-a 32% decrease (patients matched as in care elsewhere, deceased, relocated, incarcerated).
 - Outreach activities are streamlined and allows an effective/efficient use of outreach resources
 - The list of patients is smaller which ultimately improves the number of patients linked and engaged in care.

Power BI Screen Shot

Has Visit Elsewhere Last Visit Elsewhere Location

False Select All (Blank) Austin Cicero Cottage Grove Englewood OFHC Prieto Robbins Woodlawn Woody Winston
 True

Last Core PCP Start Date Last Core PCP End Date Report Date
 10/2/2015 10/1/2017 10/1/2018

PTMEDREC	Last Name ▲	First Name	Birth Date	Gender	Race	Ethnicity	Address	Last Core PCP Date	Lost To Core Date	Days Lost To Core	Last Visit Elsewhere Location	Last Visit Elsewhere Date	Next Appt	Clinic Session
				Female	Black or African American	Non-Hispanic		8/30/2017	8/30/2018	32			10/3/2018 8:10:00 PM	Core Women
				Female	Black or African American	Non-Hispanic		8/9/2017	8/9/2018	53				
				Male	White	Hispanic/Latino		2/19/2016	2/18/2017	590				
				Male	White	Hispanic/Latino		2/6/2017	2/6/2018	237				
				Female	Black or African American	Non-Hispanic		2/22/2017	2/22/2018	221				
				Male	White	Non-Hispanic		11/16/2016	11/16/2017	319				
				Male	Black or African American	Non-Hispanic		3/22/2016	3/22/2017	558	Cottage Grove	6/1/2018		

CORE to CDPH Screen Shot

Client ID	Last Name	First Name	Birth Date	Gender	Race	Ethnicity	Address	phone	Last Core PCP Date	Lost To Core Date	Days Lost To Core
				Male	White	Non-Hispanic			8/1/2017	8/1/2018	31
				Male	American Indian or Alaska Native	Non-Hispanic			8/1/2017	8/1/2018	31
				Male	Black or African American	Non-Hispanic			8/1/2017	8/1/2018	31
				Male	White	Hispanic/Latino			8/1/2017	8/1/2018	31
				Male	Black or African American	Non-Hispanic			8/1/2017	8/1/2018	31
				Male	Black or African American	Non-Hispanic			8/1/2017	8/1/2018	31
				Male	Black or African American	Non-Hispanic			8/1/2017	8/1/2018	31
				Female	White	Non-Hispanic			8/2/2017	8/2/2018	30
				Male	Black or African American	Hispanic/Latino			8/2/2017	8/2/2018	30
				Female	Black or African American	Non-Hispanic			8/2/2017	8/2/2018	30
				Male	White	Hispanic/Latino			8/3/2017	8/3/2018	29
				Male	Black or African American	Non-Hispanic			8/3/2017	8/3/2018	29
				Male	Black or African American	Non-Hispanic			8/4/2017	8/4/2018	28
				Male	White	Hispanic/Latino			8/4/2017	8/4/2018	28
				Female	Black or African American	Non-Hispanic			8/4/2017	8/4/2018	28
				Male	White	Hispanic/Latino			8/7/2017	8/7/2018	25
				Male	White	Non-Hispanic			8/7/2017	8/7/2018	25
				Male	Black or African American	Non-Hispanic			8/7/2017	8/7/2018	25
				Male	Black or African American	Non-Hispanic			8/7/2017	8/7/2018	25

CDPH Screen Shot

Client ID (CORE)	Client matched to eHARS	Client matched to SOUNDEX	Client matched to Accurint	Client Last Name (CORE)	Client First Name (CORE)	Client DOB (CORE)	Client Date of Death (CDPH)	Current Gender (CORE)	Race (CORE)	Ethnicity (CORE)	Transmission Category (eHARS)	Vital Status (eHARS)	Last CORE PCP Date	Lost to CORE Date	Days lost to CORE	Date of last HIV medical care (yyyymmdd)	Place of last HIV medical care	Most Recent CD4 count (cells/mm3)	Date of Most Recent CD4 count	Most Recent Viral Load (copies/mL)	Date of Most Recent Viral Load
	Yes	Yes	Yes					Female	White	Non-Hispanic	Other	Alive	07/03/2017	07/03/2018	29	4/9/2018	CORE CENTER	783	4/9/2018	40	20180409
	Yes	Yes	Yes				11/18/2017	Male	Black or African American	Non-Hispanic	IDU	Deceased	07/05/2017	07/05/2018	27	5/24/2017	CORE CENTER	77	5/24/2017	89632	5/24/2017
	Yes	Yes	Yes					Male	Black or African American	Non-Hispanic	MSM/IDU	Alive	07/05/2017	07/05/2018	27	6/21/2018	STATEVILLE CORRECTIONAL CENTER	488	6/21/2018	40	6/21/2018
	Yes	Yes	Yes					Male	Black or African American	Non-Hispanic	IDU	Alive	07/06/2017	07/06/2018	26	3/11/2018	MOUNT SINAI HOSP	108	3/11/2018	19856	3/11/2018
	Yes	Yes	Yes					Male	Black or African American	Non-Hispanic	NIR (No Identified Risk)	Alive	07/10/2017	07/10/2018	22	12/2/2017	AHF HCC CHICAGO	201	12/2/2017	98557	12/2/2017
	Yes	Yes	Yes					Male	Black or African American	Non-Hispanic	MSM	Alive	07/10/2017	07/10/2018	22	3/12/2018	Howard Brown	523	3/12/2018	40	3/12/2018
	Yes	Yes	Yes					Male	Black or African American	Non-Hispanic	MSM	Alive	07/11/2017	07/11/2018	21	6/23/2018	UIC HOSP	427	6/23/2018	40	6/23/2018
	Yes	Yes	Yes					Male	Black or African American	Non-Hispanic	MSM	Alive	07/11/2017	07/11/2018	21	7/5/2018	ACCESS GRAND BLVD	617	7/5/2018	20	20180705
	Yes	Yes	Yes					Female	Black or African American	Non-Hispanic	MSM/IDU	Alive	07/12/2017	07/12/2018	20	6/14/2017	CORE CENTER	231	6/14/2017	40	20170614

CORE Center Screen Shot

Client ID (CORE)	Client matched to eHARS	Client matched to SOUNDEX	Client matched to Accurint	Client Last Name (CORE)	Client First Name (CORE)	Client DOB (CORE)	Client Date of Death (CDPH)	Current Gender (CORE)	Race (CORE)	Ethnicity (CORE)	Transmission Category (eHARS)	Vital Status (eHARS)	Last CORE PCP Date	Lost to CORE Date	Days lost to CORE	Date of last HIV medical care	Place of last HIV medical care	Most Recent CD4 count (cells/mm3)	Date of Most Recent CD4 count	Most Recent Viral Load (copies/mL)	Date of Most Recent Viral Load
	Yes	Yes	Yes					Female	White	Non-Hispanic	Other	Alive	07/03/2017	07/03/2018	29	4/9/2018	CORE CENTER	183	4/9/2018	40	4/9/2018
	Yes	Yes	Yes					Male	Black or African American	Non-Hispanic	IDU	Alive	07/05/2017	07/05/2018	27	5/24/2017	CORE CENTER	74	5/24/2017	89632	5/24/2017
	Yes	Yes	Yes					Female	Black or African American	Non-Hispanic	MSM/IDU	Alive	07/12/2017	07/12/2018	20	6/14/2017	CORE CENTER	231	6/14/2017	40	20170614
	Yes	Yes	Yes					Female	Black or African American	Non-Hispanic	IDU	Alive	07/12/2017	07/12/2018	20	7/12/2017	CORE CENTER	379	7/12/2017	40	20170712
	Yes	Yes	Yes					Female	Black or African American	Non-Hispanic	IDU	Alive	07/14/2017	07/14/2018	18	6/26/2017	CORE CENTER	114	6/26/2017	40	6/26/2017
	No	No	Yes					Male	Black or African American	Non-Hispanic	MSM	Alive	07/17/2017	07/17/2018	15	3/14/2017	STROGER LAB	522	3/14/2017	40	3/14/2017
	Yes	Yes	Yes					Male	Black or African American	Non-Hispanic	MSM	Alive	07/17/2017	07/17/2018	15	5/8/2017	SHCC	436	5/8/2017	40	5/8/2017
	Yes	Yes	Yes					Male	Black or African American	Non-Hispanic	MSM	Alive	07/17/2017	07/17/2018	15	7/17/2017					
	Yes	Yes	Yes					Male	White	Hispanic/Latino	MSM	Alive	07/18/2017	07/18/2018	14	5/24/2018					

Outreach Data Base

Data to Care Code	PTM Staff	CORE Ctr Client ID	Client Last Name	Client First Name	Client DOB	Sex at Birth	Lost to CORE Date	Place of last HIV medical care	Lab Results from Last HIV Care: CD4	Lab Results from Last HIV Care: VL	1st Outreach: Date	1st Outreach: Type	1st Outreach: Outcome	Scheduled Appointment	Date of Scheduled Appointment	Attended 1st Appointment	Outcome of Outreach
Matched_InCare_CORE							5/31/2018	CORE CENTER	378	1256	7/1/2018	Phone	Phone: Disconnected	No			In Progress
Matched_NoCareInfo							5/31/2018	CORE CENTER	286	40	7/2/2018	Phone	Phone: Wrong Number	No			In Progress
Unmatched							5/31/2018	Unmatched			7/3/2018	Phone	Phone: Left VM				In Progress
Unmatched							5/31/2018	Unmatched			7/4/2018	Phone	Phone: Left VM				In Progress
Matched_InCare_CORE							5/30/2018	CORE CENTER	344	40	7/5/2018	Phone	Phone: Left VM				In Progress
Matched_InCare_CORE							5/30/2018	CORE CENTER	489	40	7/6/2018	Phone	Phone: Contacted	Yes	7/4/2018		Linked to Care by Other
Matched_InCare_CORE							5/30/2018	CORE CENTER	580	780	7/7/2018	Phone	Phone: Contacted	Yes	7/4/2018		Linked to Care by PTM
Matched_InCare_CORE							5/30/2018	CORE CENTER	603		7/8/2018	Phone	Phone: Contacted	Yes	7/4/2018		Linked to Care by PTM
Matched_InCare_CORE							5/30/2018	CORE CENTER	1094	40	7/9/2018	Phone	Phone: Disconnected				In Progress
Matched_NoCareInfo							5/30/2018				7/10/2018	Phone	Phone: Wrong Number				In Progress
Matched_InCare_CORE							5/24/2018	CORE CENTER	281	40	7/11/2018	Phone	Phone: Contacted	Yes	7/4/2018		Transferred Care Elsewhere
Matched_InCare_CORE							5/24/2018	CORE CENTER	709	40	7/12/2018	Phone	Phone: Disconnected				In Progress
Matched_NoCareInfo							5/23/2018				7/13/2018	Phone	Phone: Disconnected				In Progress

Community Health Worker (CHW)

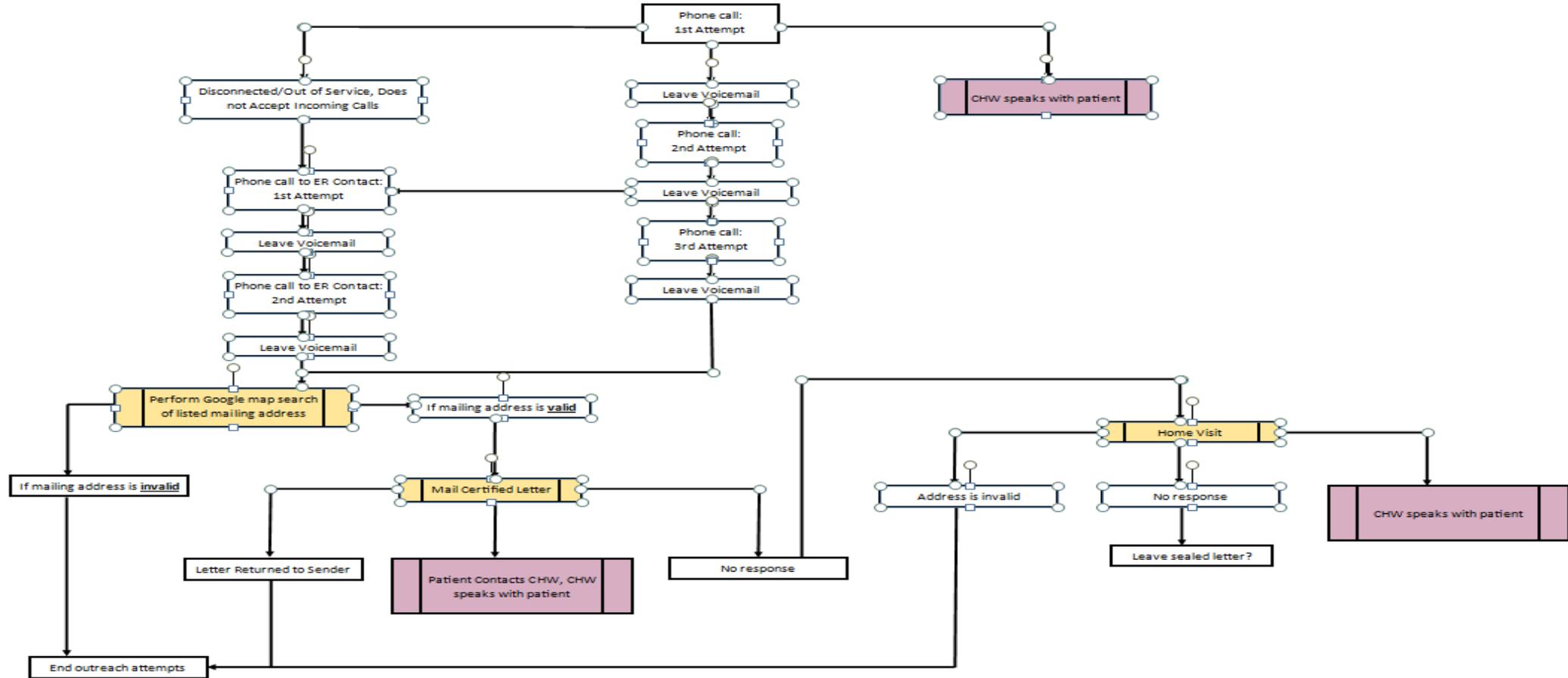
- The CHW is a certificated position from a Chicago City College. Some of the training they receive are in: CM services, pre & post test HIV counseling, retention activities, and health education for chronic conditions such as HCV, Diabetes, HIV, etc.
- CHW interventions are to provide outreach to patients:
 - who have fallen out of care,
 - at risk of being lost to care, or
 - who are not virally suppressed to link them to HIV Primary Care.
- CHW:
 - conducts outreach on patients thru D2C or the automated alert system;
 - conducts barrier assessments;
 - connects them to CM services and Benefits Department; and,
 - provides support, advocacy and encouragement to patients needing Primary Care.

How Patients are Assigned to CHWs/Procedure

The Final Prioritization Scheme for Outreach

- 1) Date Last Seen (most recent) with CD4 (lowest)
- 2) Date Last Seen (most recent) with CD4 (highest)
- 3) Date Last Seen (least recent) with CD4 (lowest)
- 4) Date Last Seen (least recent) with CD4 (highest)

CHW Outreach Flow

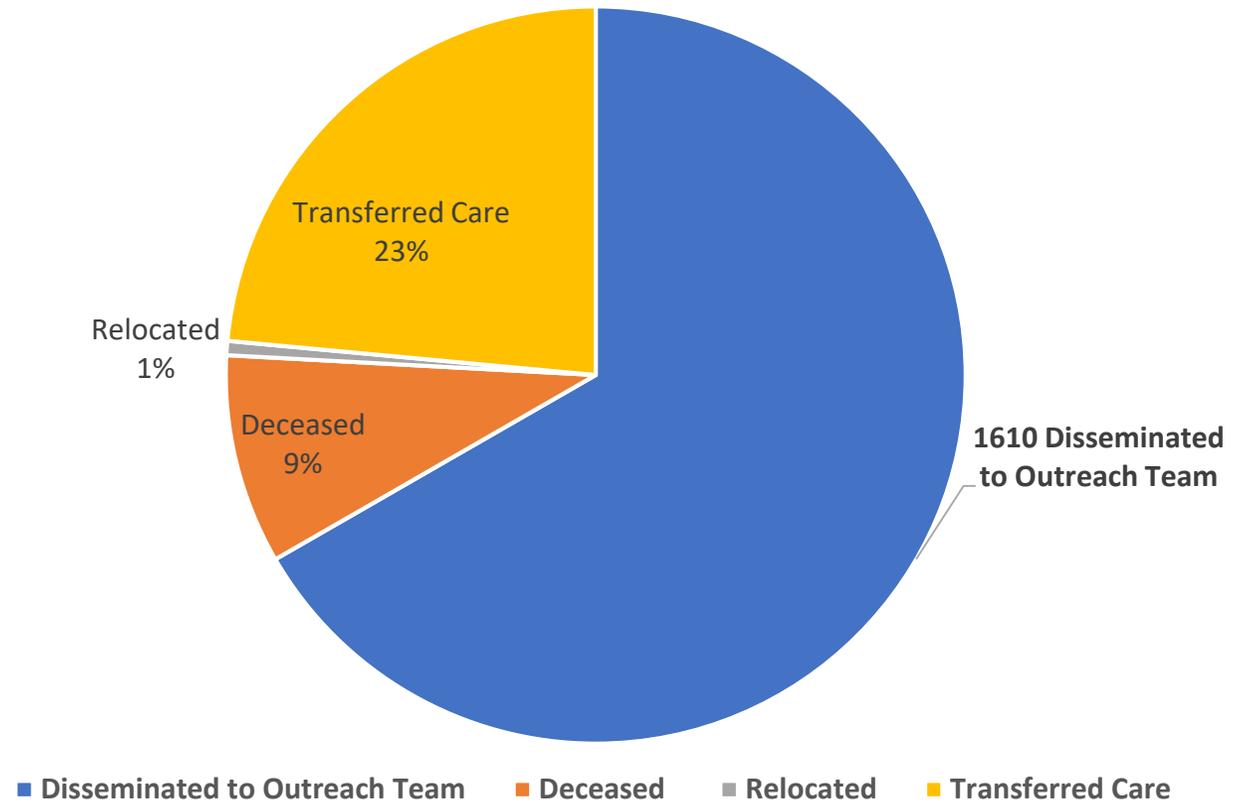


2017 Lost to Care Outreach Process

- Outreach patients lost to care between 12 and 36 months thru 4/2017
- 2,415 patients submitted to CDPH D2C
- Of 1775 patients matched by CDPH D2C:

Outcome	# Patients
Deceased	222
Relocated	15
Transferred Care	568
Disseminated to CORE for Outreach	1610

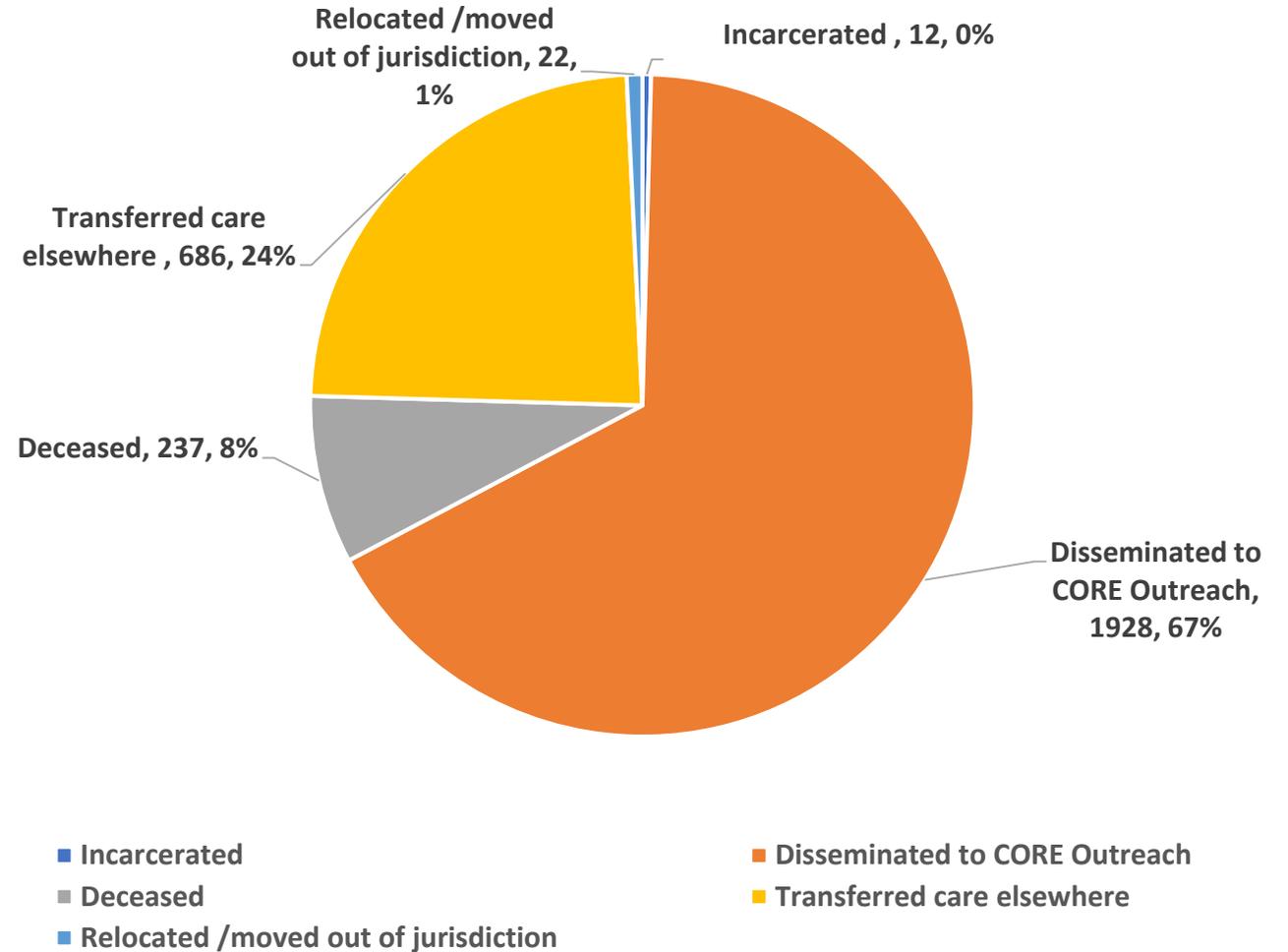
* 39% of patients re-engaged in care



2017-2018 Lost to Care Outreach Summary

- Outreach patients lost to care between 12 and 36 months from 4/2017- 8/2018.
- 2,973 patients submitted to CDPH D2C
- Of 2,203 patients matched by CDPH D2C:

Outcome	# Patients
Deceased	237
Relocated	22
Transferred Care	686
Disseminated to CORE for Outreach	1928
Re-engaged	512/27%
In Progress	682



Who Benefits From This Process?

- 30 year old AA Female HIV +
- Out of care for > 1 year
- Contacted by phone initially
- Patient had same day surgical appointment and was met by Outreach Worker
- Barrier Assessment completed at surgical appointment
- Transportation was an issue as well as understanding of disease progression
- Case Management contacted for transportation and medical needs
- Patient made next 3 visits to CORE and is now undetectable and feels **GREAT!**
- Patient states we saved her life and would like to give back by becoming a peer navigator for new patients

ACKNOWLEDGEMENTS

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