



Health IT for Faith-Based Organizations?

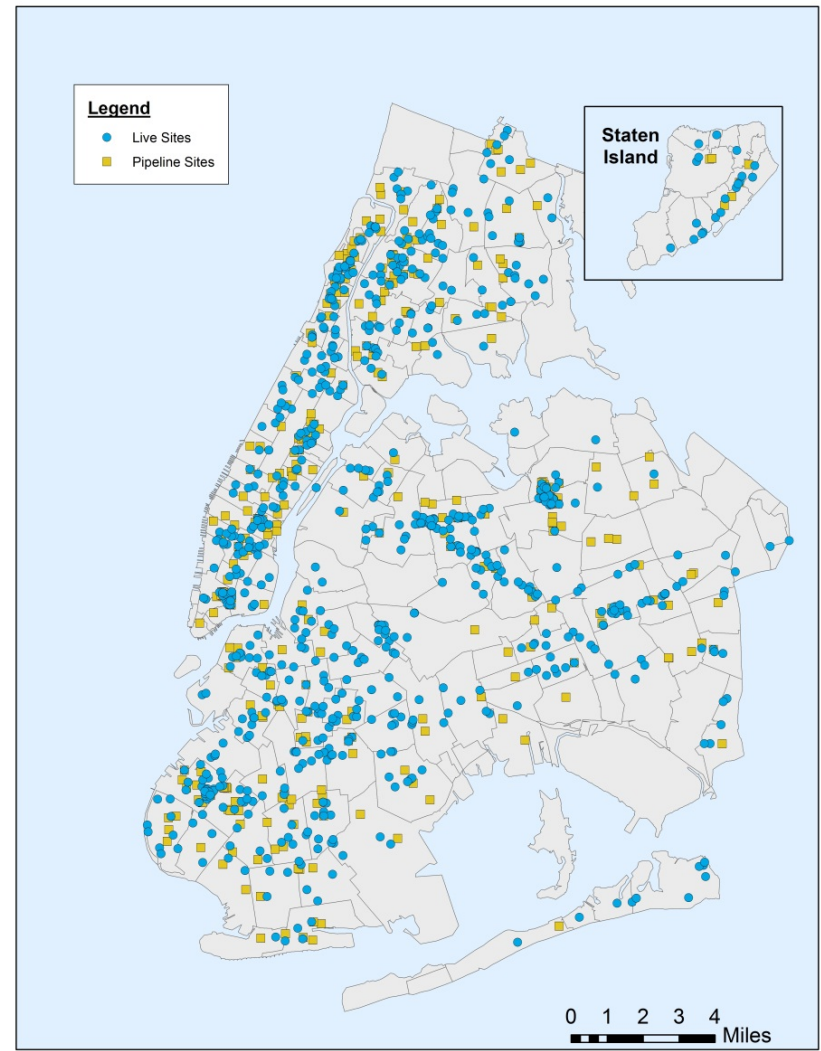
Primary Care Information Project

NYC Department of Health & Mental Hygiene

5/9/13

Primary Care Information Project

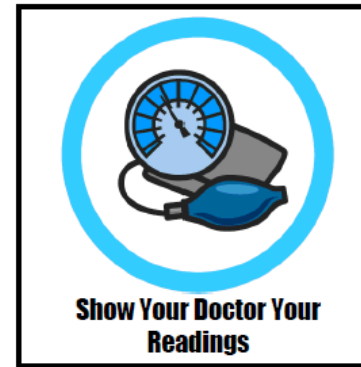
- PCIP started as a mayoral initiative in 2005
- **Mission**
- Improve the quality of care in medically underserved areas through health information technology (HIT)
- **Success**
- Over **7,450** providers receiving EHR and Meaningful Use assistance
 - 1064 small practices; 31 large practices
 - 63 community health centers
 - 54 hospitals & outpatient clinics



“Keep on Track”

Training for Community-Based BP Monitoring

Health Department trains and equips community groups to offer regular BP monitoring and counseling



Evaluation¹ of “Keep on Track” in senior centers found:

- 4 mmHG SBP reduction over six months among repeat participants
- But only 43% of participants returned for a second screening over six months

1. Truncali, Stollman, Angel, et al. JAGS, 2010.

Could information technology strengthen Keep on Track?

Brooklyn Faith-Based High Blood Pressure Taskforce - October 2010

11 church leaders running the “Keep on Track” blood pressure monitoring program identified two problems













1. Difficult to keep track of members with high BP readings for regular follow up
2. Difficult *for the church community to track trends* and set goals for program participation and health outcomes

# _____ (for DOHMH use only)	KEEP ON TRACK/SIGA EN CAMINO PARTICIPANT RECORD CARD/TARJETA DE REGISTRO				
Name/Nombre _____		Date of Birth/Fecha de Nacimiento _____			
Last Name /Apellido First Name/Nombre					
Address/Dirección _____					
Street/Calle Apartment Number/Número		City/Ciudad	State/Estado	Zip/Código	
Telephone/Teléfono _____			Are you/Usted es: Male (hombre)/ Female (Mujer)		
<p>1. Have you ever been told you have high blood pressure? Yes / No ¿Le ha dicho un médico/ proveedor de salud que tiene presión arterial alta? Sí / No</p> <p>2. If yes, do you take blood pressure medication? Yes / No ¿Si tiene presión arterial alta, usted toma medicina para la presión? Sí / No</p> <p>3. As of this first visit, do you have a regular place where you get health care? Yes / No ** ¿De su primera visita, Uds. tiene un lugar donde recibe su cuidado médico? Sí / No</p>					
Emergency Contact Name/Contacto para emergencias _____					
Telephone/Teléfono _____			Relation/Relación _____		
Doctor/Médico _____			Telephone/Teléfono _____		

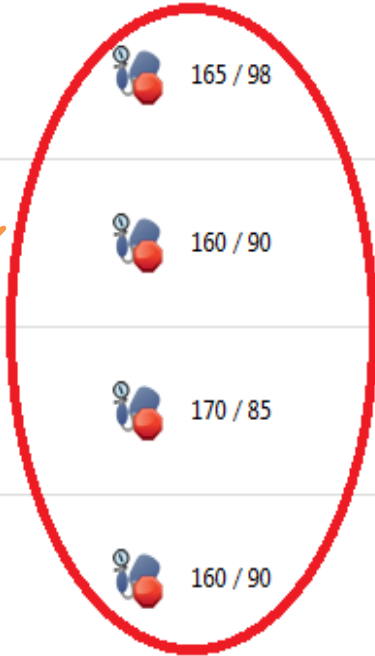
** If no doctor, please advise participant to call 311 for a referral and give “How to Find a Doctor” bulletin **

** Si no tiene médico, favor de avisarle al participante que llame al 311 y darle el boletín “Como Encontrar un Médico” **

Helping Lay Health Workers Follow Up with Members Whose BP Readings Suggests Highest Risk of Adverse Health Events

Participants					
Groups	Community Dashboard	Quick Reports			
Last Name	<input type="text"/>	Date of Birth	<input type="text"/>	Health Card No.	<input type="text"/>
First Name	<input type="text"/>	Gender	<input type="text"/>	<input type="button" value="Search"/>	<input type="button" value="Clear"/>
Averages (Past 7 Days)					
Name	Blood Pressure (mmHg)	Steps/Day	BMI		
 ROBERTS, MARC Male, 29 years old (Sep 2, 1982)	 165 / 98	No Data	No Data		
 BAKER, BILL Male, 29 years old (Sep 2, 1982)	 160 / 90	 368	 29.5		
 TAYLOR Male, 86	 170 / 85	No Data	No Data		
 WARWICK Male, 67	 160 / 90	 714	No Data		
 MARTIN, SALLY					

Health Ministry will encourage these congregants attend the next healthy cooking class



Allowing Health Ministries to Track Trends in the Overall Health of Participants and Report on Successes

Participants Groups Community Dashboard Quick Reports ALVAREZ, JOSEPH SJC: Morning Service X



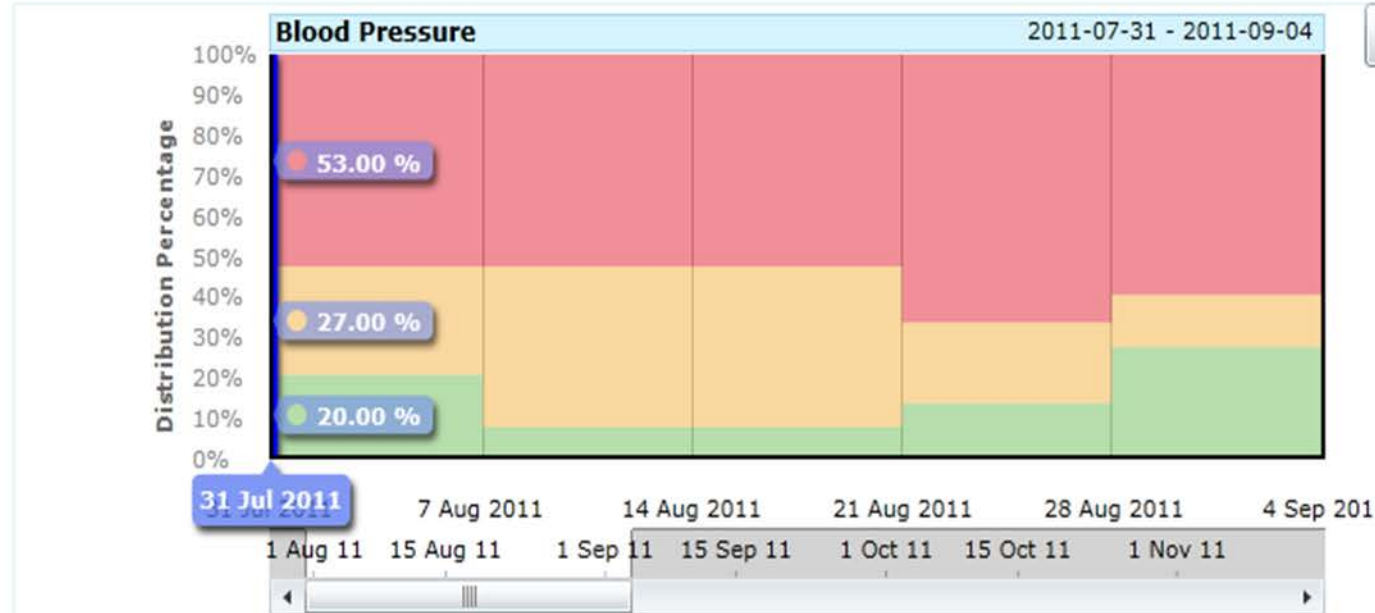
SJC: Morning Service

St. James Church

Group Leaders: Joshua Hernandez, St

[Edit Profile](#)

Detail | Progress



Sort by:

Albertson, Richard	119/77 mmHg	120/78 mmHg	120/78 mmHg	120/78 mmHg	119/79 mmHg
Castillo, Thomas	159/95 mmHg	165/105 mmHg	161/103 mmHg	140/90 mmHg	130/95 mmHg
Clark, Suzanne	117/77 mmHg	122/78 mmHg	120/76 mmHg	124/75 mmHg	119/77 mmHg
	156/99 mmHg	156/100 mmHg	158/98 mmHg	156/101 mmHg	159/100 mmHg

Printed Charts of Community BP for Patients to Take to Physicians

Progress Report

For the Period: Jun 7, 2011 - Nov 7, 2011



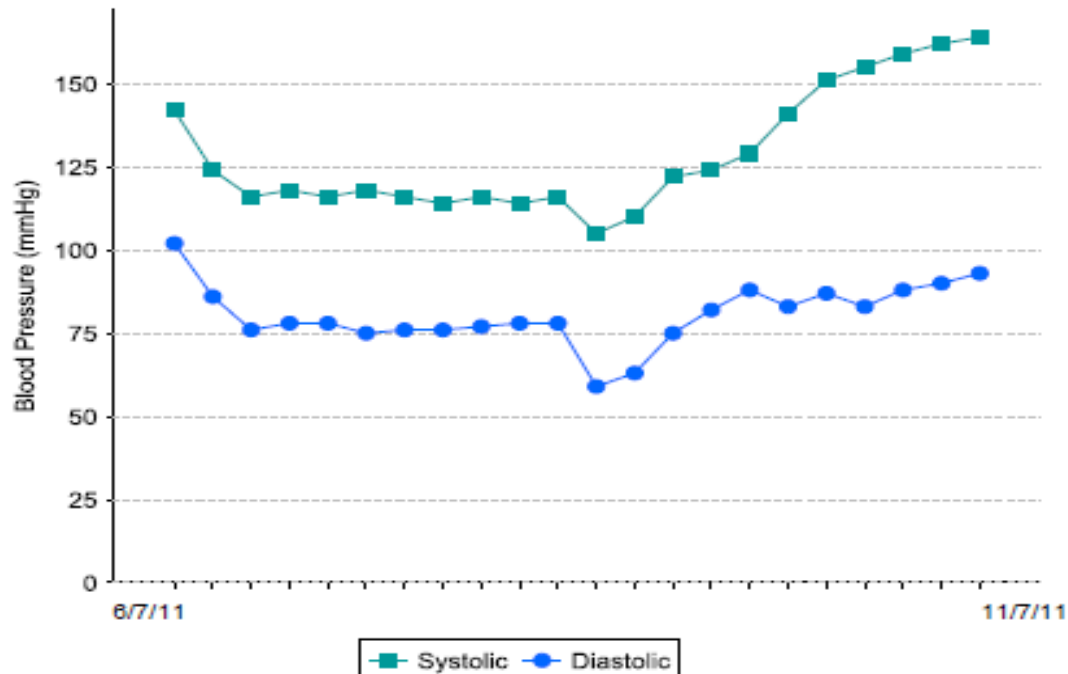
JOSEPH ALVAREZ

Male, 56 years old (Mar 2, 1955)
Member of SJC: Afternoon Service

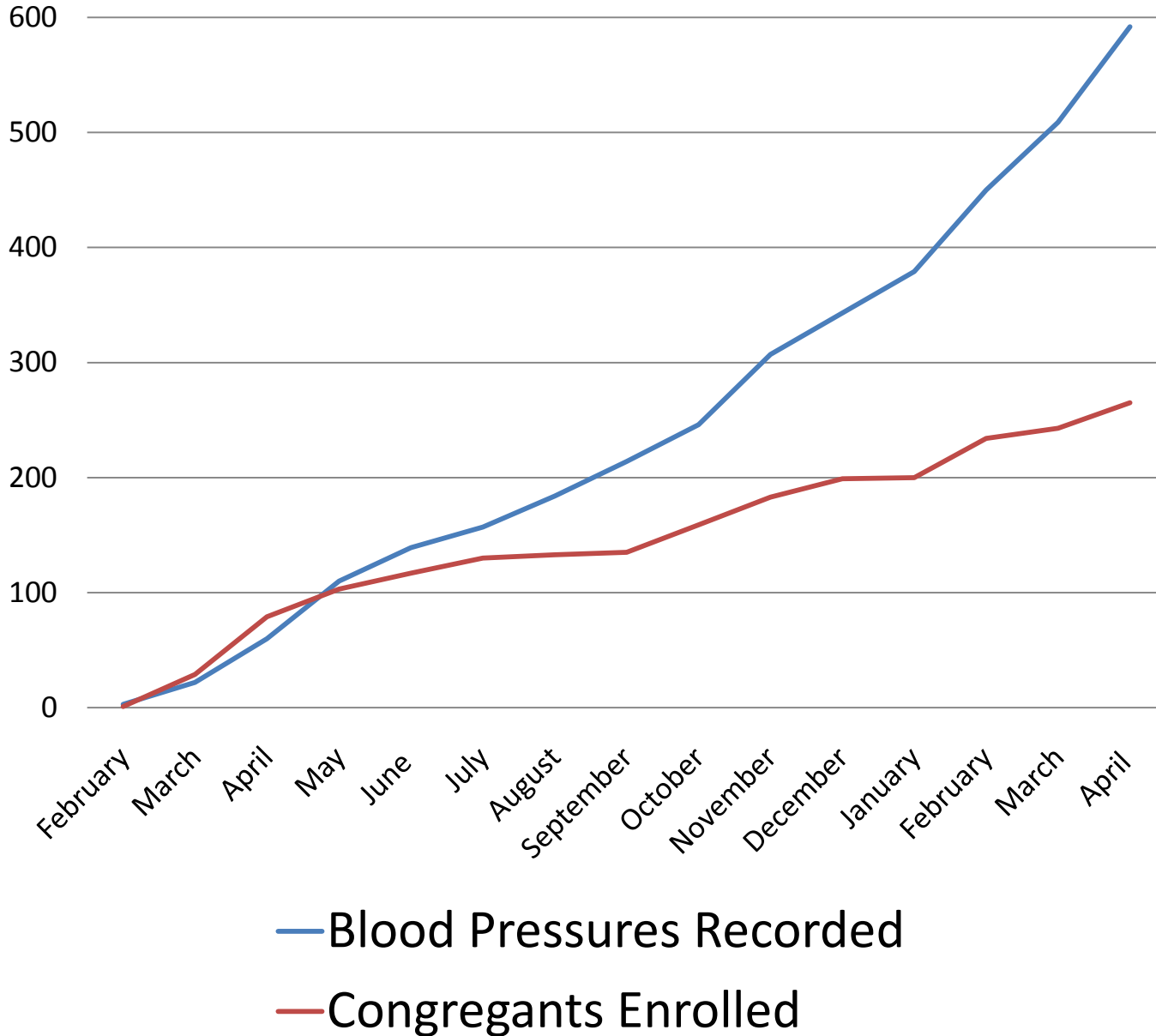
Blood Pressure Readings (Last 30)

07/11/2011 9:57 AM	164/93 mmHg
04/11/2011 9:59 AM	162/90 mmHg
02/11/2011 11:48 AM	159/88 mmHg
27/10/2011 2:14 PM	155/83 mmHg
24/10/2011 11:46 AM	151/87 mmHg
14/10/2011 11:51 AM	141/83 mmHg
11/10/2011 5:43 PM	129/88 mmHg
11/10/2011 2:10 PM	124/84 mmHg
07/10/2011 3:02 PM	124/82 mmHg
04/10/2011 1:55 PM	122/75 mmHg
30/09/2011 3:10 PM	110/63 mmHg
29/09/2011 12:47 PM	105/59 mmHg
29/09/2011 12:44 PM	108/66 mmHg
27/09/2011 3:53 PM	116/78 mmHg
26/09/2011 5:52 PM	114/78 mmHg
21/09/2011 8:50 PM	116/77 mmHg
15/09/2011 8:50 PM	114/76 mmHg
08/09/2011 8:50 PM	116/76 mmHg
01/09/2011 8:50 PM	118/75 mmHg
25/08/2011 8:50 PM	116/78 mmHg
18/08/2011 8:50 PM	118/78 mmHg
11/08/2011 8:50 PM	116/76 mmHg
04/08/2011 8:50 PM	124/86 mmHg
28/07/2011 8:50 PM	142/102 mmHg

Blood Pressure Chart



Are People Using the Community Health Dashboard?



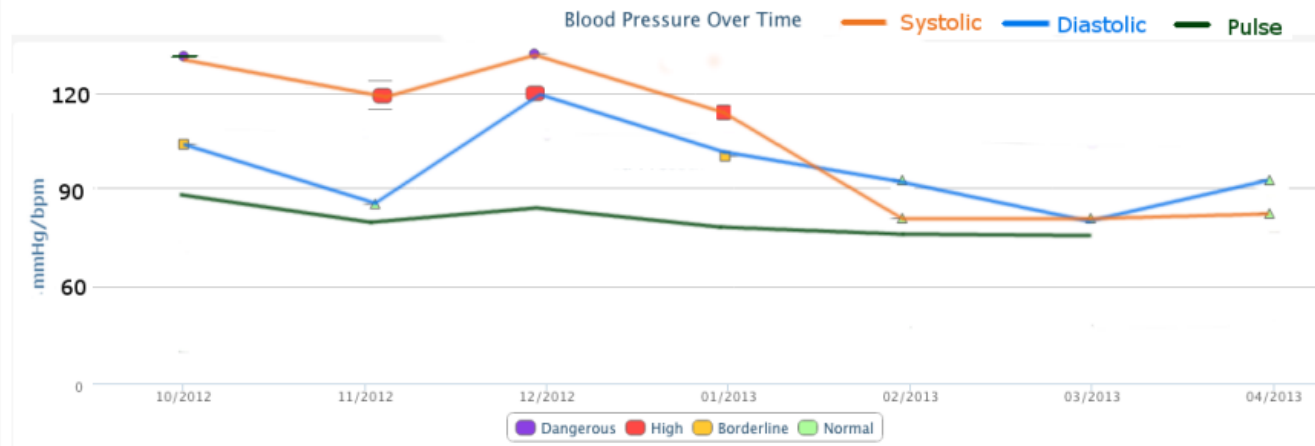
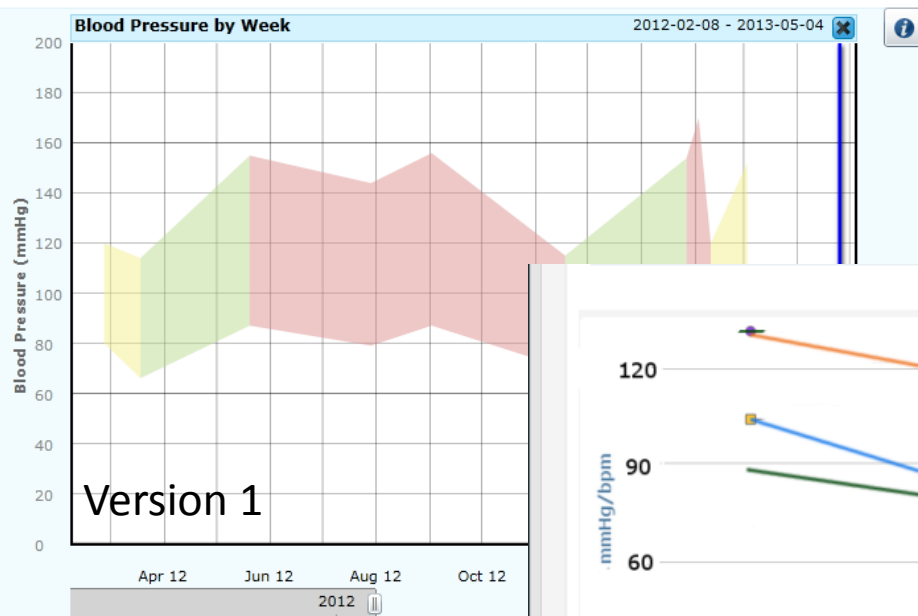
5 Brooklyn Churches

- ❖ Berean Baptist
- ❖ Christian Fellowship
- ❖ God's Battalion
- ❖ House of the Lord
- ❖ Mamre SDA

The avg. health ministry has enrolled **52** people and recorded **118** BP readings. This is a rough avg. of **20%** of the congregation

The avg. prevalence of high and borderline blood pressure is **52%** and **29%**

Making Better Technology?



Type	Value	Source	Date	Added Modified
Blood Pressure	133/105	Dossia	10/01/2012	10/01/2012
Blood Pressure	120/90	Dossia	11/01/2012	11/01/2012
Pulse	90	Dossia	12/01/2012	12/01/2012
Blood Pressure	133/105	Dossia	10/01/2012	10/01/2012
Blood Pressure	120/90	Dossia	11/01/2012	11/01/2012

Version 2

Making Information From Data

Mamre Health Ministry
Report on Health and Wellness Promotion
September 2012



Dear Pastor Jones

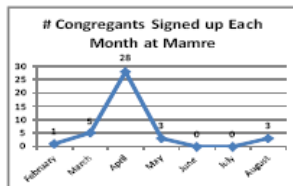
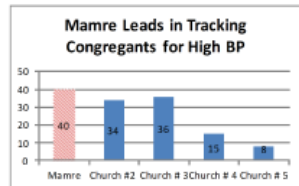
Over the last six months, your health ministry, has done something groundbreaking and new. You've started offering your congregants Personal Health Records, connected with a Community Health Dashboard. This allows you to keep track of people with high blood pressure and to take credit for all the work of your Ministry:

1. The Department of Health never has access to the individual health information of your congregants
2. This data only reflects what you and your congregants have entered into the Dashboard. We know that there is more work that you are doing that gets left out.

How many people have signed up for the Community Health Dashboard?

40 congregants from Mamre have signed up with the Community Health Dashboard!

The average church taking part in this pilot has 28 congregants signed up, so Mamre is doing really well! In fact, out of the 5 churches we've piloted the Dashboard in, Mamre has enrolled the **highest** number of people. It appears that summer has been slow for dashboard enrollment so we hope that fall will be a time to re-engage people. The charts below show your progress enrolling congregants compared to our other partners and by month.



Baseline prevalence of high and borderline BP among community population

Mamre Health Ministry
Report on Health and Wellness Promotion
September 2012



Improving Health at Mamre

50% of Mamre congregants who are signed up for the Dashboard had high blood pressure at their last reading. This is 20 people in your congregation who are at elevated risk for heart attacks and strokes. What can we do about it?

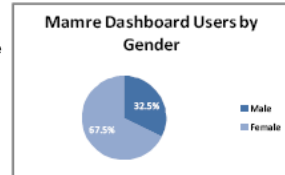
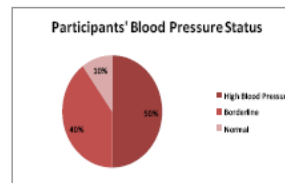
The most important causes of high blood pressure are:

- Not having a regular doctor
- Not taking medications regularly
- High salt diet
- Not getting regular exercise

Which of these factors is most important for your congregation, and what can we do to empower your congregants to live, long, healthy lives?

Who is using the Dashboard?

Only **32.5%** of the people enrolled in the Dashboard are men. How can you encourage the male population of your congregation to get involved?!

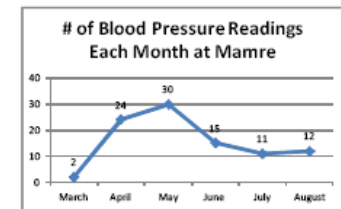


Mamre Health Ministry
Report on Health and Wellness Promotion
September 2012 (Continued)

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How many Blood Pressure readings are recorded in the Community Health Dashboard?

As of the end of August, **98** blood pressure readings have been recorded in the Dashboard at Mamre. The average church participating in the Dashboard pilot has 31 blood pressure readings. The chart below shows your progress in recording blood pressure readings in the Dashboard. It appears that the summer months were quiet for collecting blood pressure, but we hope to ramp things up this fall!



What percentage of the church is enrolled in the Dashboard?

When we started this pilot program, you estimated that there are around 400 people who attend regularly at Mamre. With this estimate, about **10%** of the church is signed up. Based on the Health Department's annual Community Health Survey, we think that about 31% of Flatlands residents have high blood pressure, so there are probably about 124 people at your church with high blood pressure or hypertension. We hope that the Community Health Dashboard is a useful tool for keeping track of people with high blood pressure and helping them lower their risk and prevent heart attacks and strokes in your community.

Let's talk about this report and set some goals to work together for better health! If you have questions, contact Thomas Cannell at tcannell@health.nyc.gov or 917-697-6541

Comparisons to other participating church, to encourage a bit of friendly community competition

Comparison of church population estimate to neighborhood prevalence

Thanks

