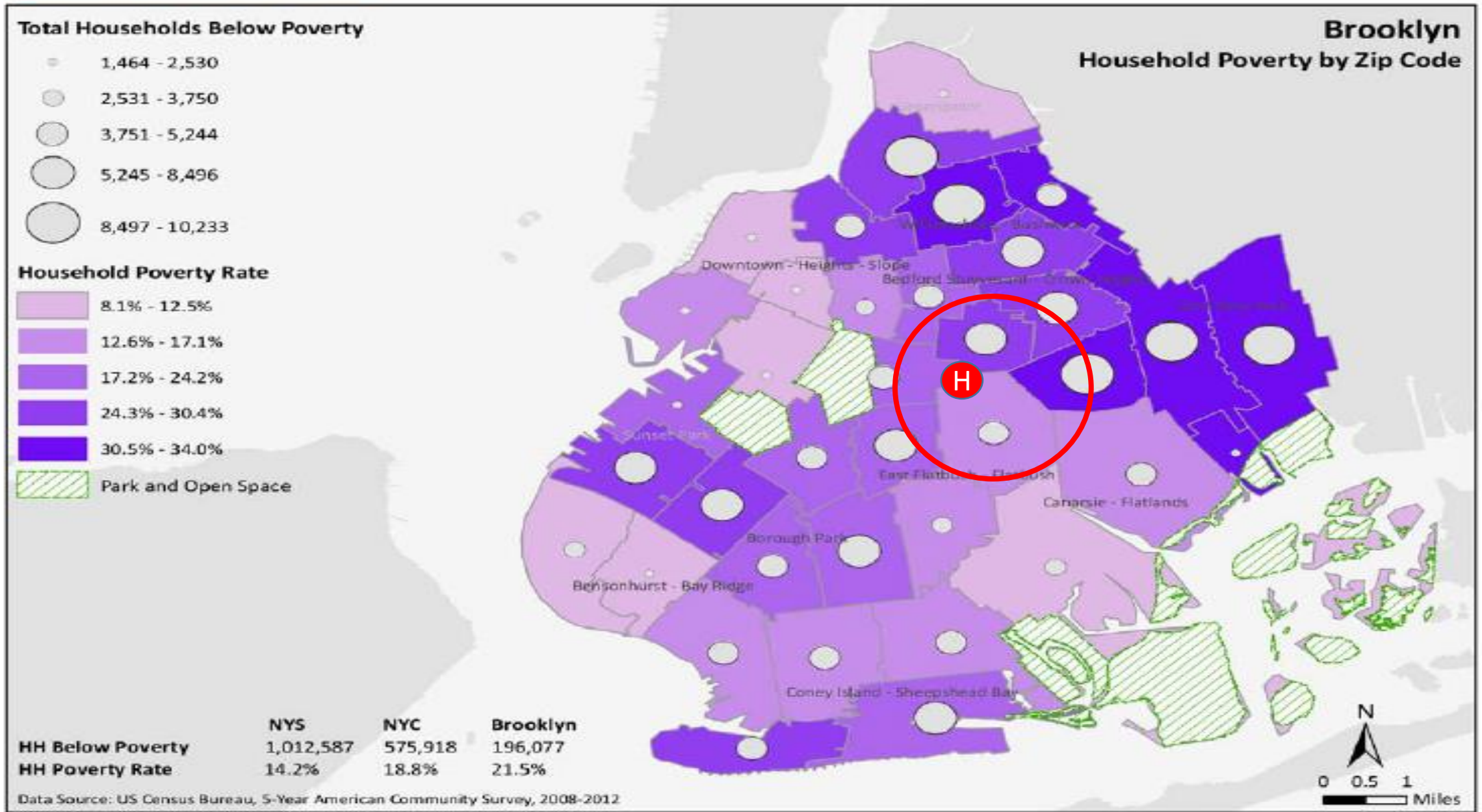




**How a small hospital is overcoming the hidden challenges of EHR alerts
and RNA reflex testing implementation:
A presentation from Kingsbrook Jewish Medical Center**

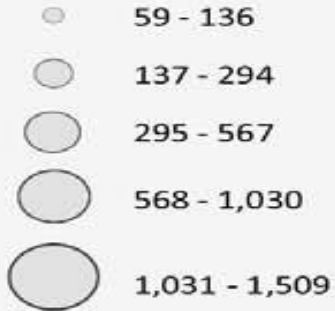
5. Household Poverty by Zip Code



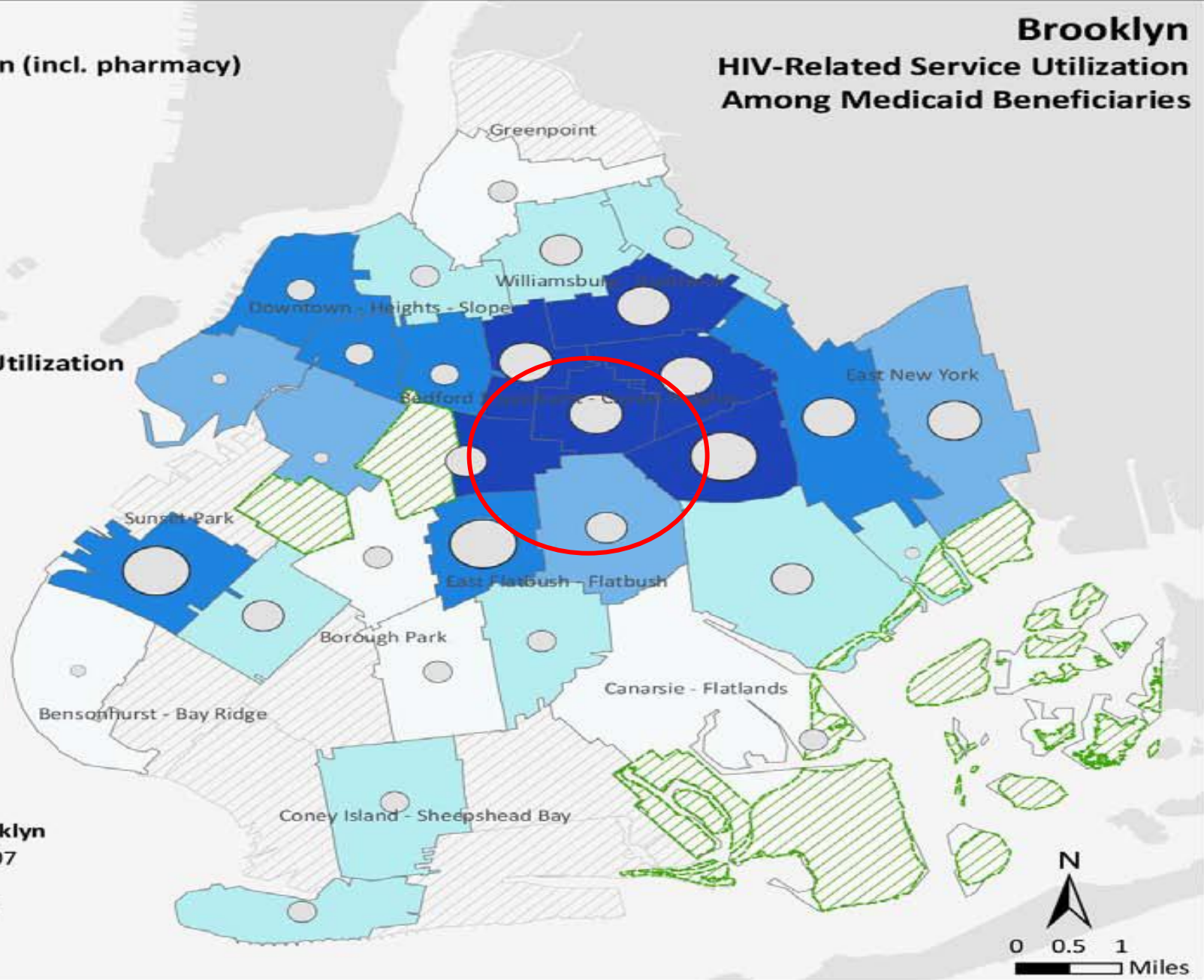
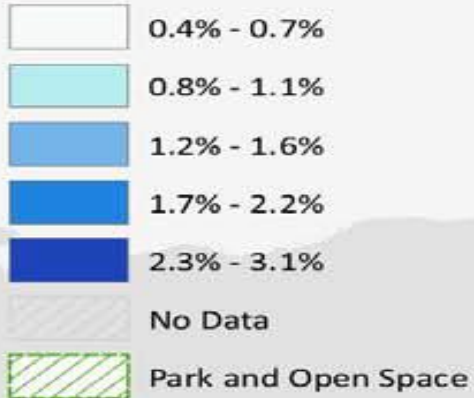
Brooklyn

HIV-Related Service Utilization Among Medicaid Beneficiaries

Beneficiaries with Condition-Related Utilization (incl. pharmacy)



% of All Beneficiaries with Condition-Related Utilization



	NYS	NYC	Brooklyn
Number of Beneficiaries with Condition	53,901	49,879	15,007
% of All Beneficiaries with Condition-Related Utilization	0.9%	1.4%	1.2%

Data Source: New York State Department of Health, 2012



33. Alcohol/Drug Use-Related Service Utilization Among Medicaid Beneficiaries

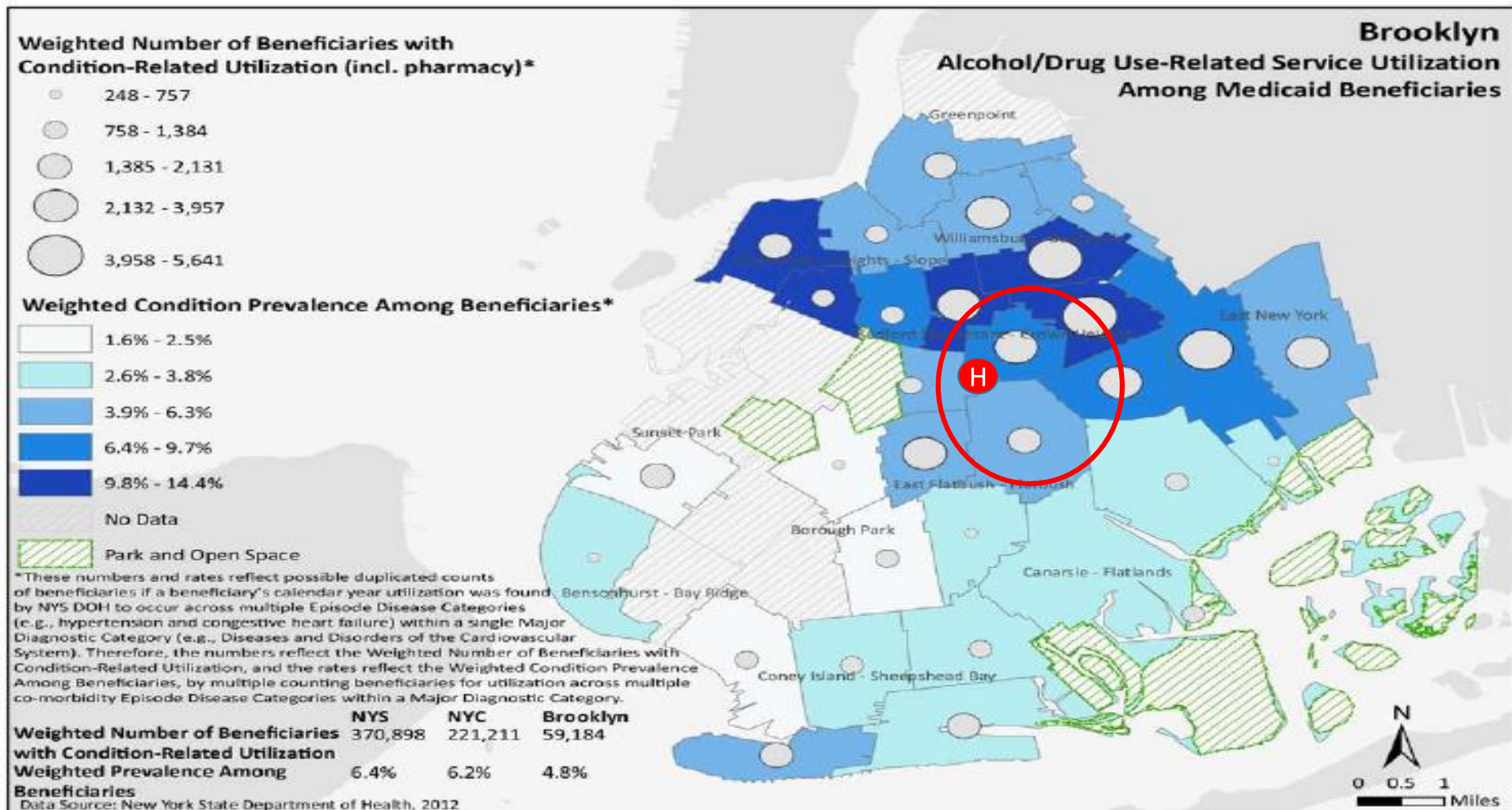
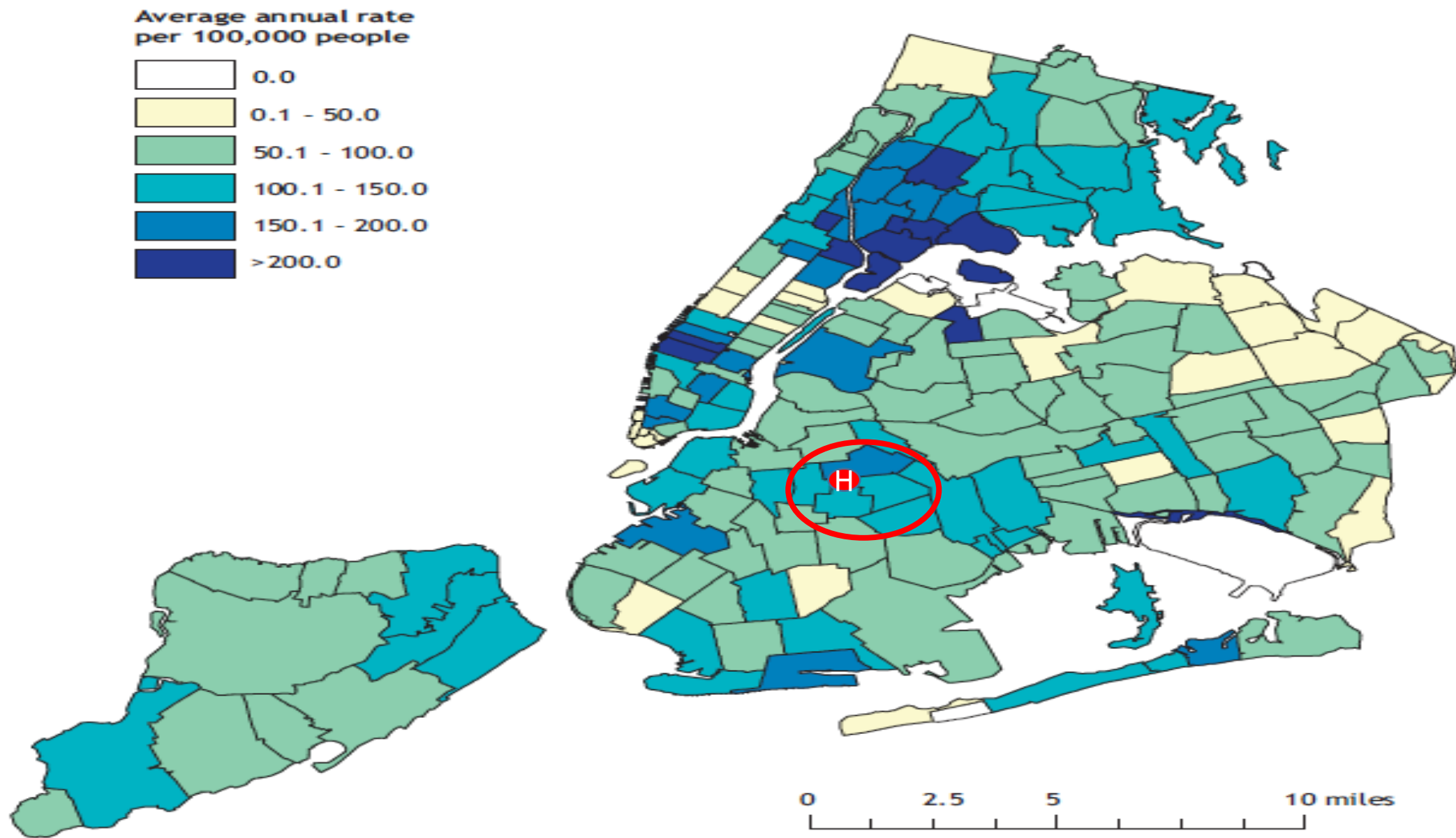
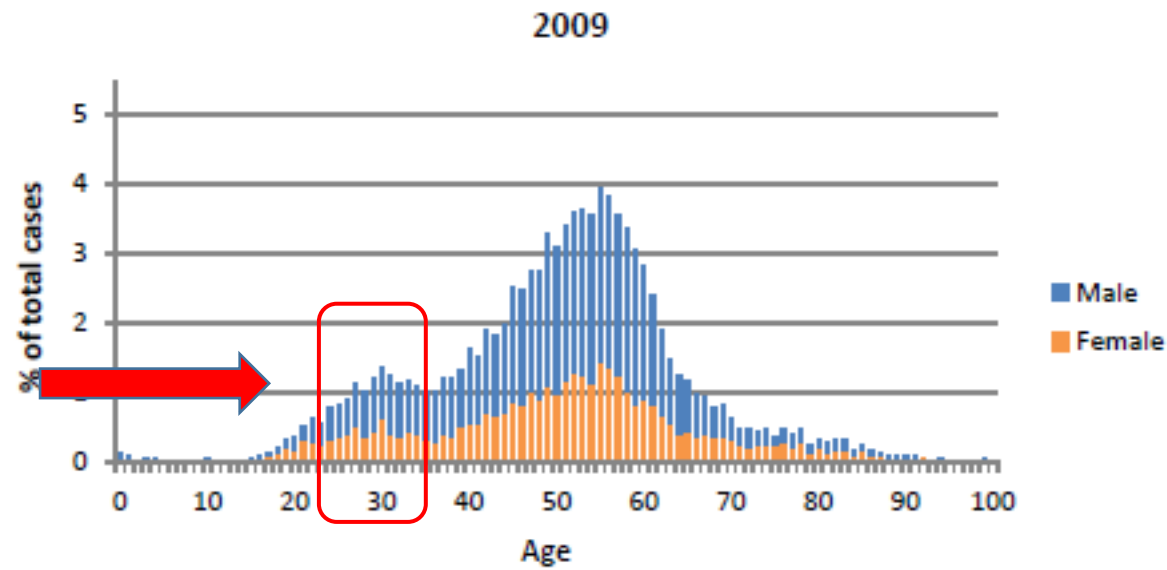
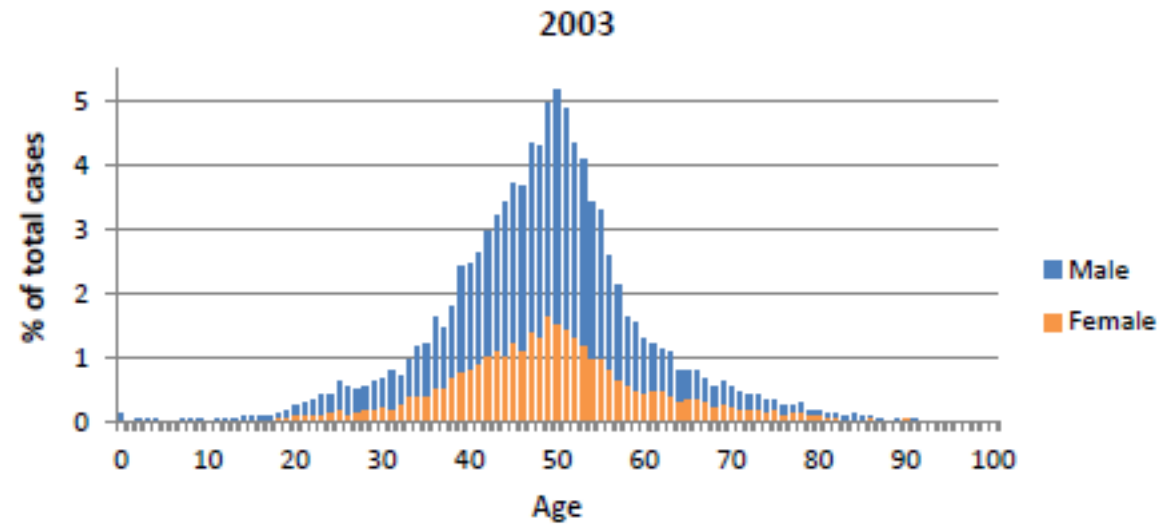


Figure 5. HCV and Poverty: Average Rates of Newly Reported HCV Infection by Zip Code, 2010-11



Source: New York City Department of Health and Mental Hygiene.



Brooklyn

- **Brookdale Hospital Medical Center**
Treatment for Life Center (T.L.C.)
556 Aaron Pavilion, 5th Floor
1 Brookdale Plaza
Brooklyn, NY 11212
(718) 240-5028
English - press 1. Spanish - press 2. Then press 2 for an appointment.
- **Brooklyn Hospital Center (The)**
P.A.T.H. Center
121 DeKalb Avenue
Brooklyn, NY 11201
(718) 826-5600 or (718) 265-5600
- **Brooklyn Hospital Center (The)**
P.A.T.H. Center/Central Brooklyn
2222 Church Avenue
(Between Flatbush & Bedford)
Brooklyn, NY 11226
(718) 250-6559 or (718) 265-5600
- **Coney Island Hospital (HHC)**
Special Needs Program
2601 Ocean Parkway, Room 305
Brooklyn, NY 11235
(718) 616-3008
- **Interfaith Medical Center**
Primary Care Center
880 Bergen Street
Brooklyn, NY 11238
(718) 613-7555 or (718) 613-7554
- **Kingsbrook Jewish Medical Center**
HIV Program
Pierre Toussaint Family Health Care Center
Clinical Management Unit, 2nd Floor
1110 Eastern Parkway
Brooklyn, NY 11213
(718)735-1900, Ext. 2101 or 2102
- **Kings County Hospital Center (HHC)**
Center for H.O.P.E.
541 Clarkson Avenue
"E" Building, 4th Floor
Brooklyn, NY 11203
(718) 245-3131
English - press 1. Spanish - press 2. Then press 2 for an appointment.
- **Lutheran Medical Center**

TEST: FOUR PILLARS OF ROUTINE SCREENING

TESTING INTEGRATED INTO NORMAL CLINICAL FLOW

To promote the normalization and sustainability of HIV testing.

ELECTRONIC MEDICAL RECORD MODIFICATION

To prompt testing, automate processes, populate lab orders and track performance.

SYSTEMIC POLICY CHANGE

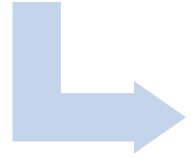
A multi-level, organization-wide commitment to implement routine testing and linkage to care.

TRAINING, FEEDBACK & QUALITY IMPROVEMENT

To identify best practices and motivate staff.

Initial Patient Engagement

- KJMC ED
- KJMC Acute Care Hospital Admission
- KJMC Ambu Clinic /PT Family Health Center



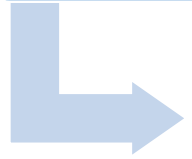
EHR

- Testing Criteria
- Between the ages fo 13-64 years old.
- Last test >6 months.



Registration Waiting Area

- Pre-Test Info

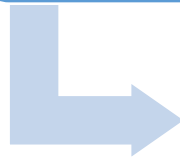


Triage

- Forced prompt within EMR to document patient's refusal or acceptance of the HIV test.



RN Blood Draw



MD



Lab

Practice

Resource Sche...

Aquino, Jay

Kodroff, Kurt

Louis-Jacques, ...

Mukherji, Rajat K

Pasco, Neil

Paul, Joseph H

Sardo, Gulmira

Urphanishvili, Ti...

Uter, Samuel

Registry

Referrals

Messages

Documents

Billing

Progress Notes

TEST, ACCOUNT, 71 Y, F [Set](#) [Info](#) [Hub](#) [Allergies](#) Billing Alert

877 PENNSYLVANIA BROOKLYN, NY
H: 718-604-5000
DOB: 12/12/1944
eHX Status:

Wt 06/16/14: 170 lbs.
Appt(L): 02/26/16(NP)
Language: English
Translator: No

Ins: Self Pay
Acc Bal: \$0.00
Guar: ACCOUNT
Gr Bal: \$0.00

CLICK TO EDIT

SECURE NOTES

Medical Summary | CDSS | Alerts | Labs | DI | Procedures | Growth Chart | Imm/T.Inj | Encounters | Patient Docs | Flowsheets | Notes

SF

Enc << V 02/26/2016 NP >>

Progress Notes Scribe Orders Quick Search

Patient: TEST, ACCOUNT **DOB:** 12/12/1944 **Age:** 71 Y **Sex:** Female
Phone: 718-604-5000 **Primary Insurance:**
Address: 877 PENNSYLVANIA AVENUE, APT 8B, BROOKLYN, NY-11207
Account Number: 04269500
Encounter Date: 02/26/2016 **Provider:** Nicholas Post
Appointment Facility: Kingsbrook Jewish Medical Center

Subjective:

Chief Complaint(s):

HPI:

Current Medication:

- Taking
- No OTC/ Herbal Therapies , Notes: patient indicated
- Unknown
- IBU 800 MG Tablet 1 tablet 3x/day
 - Tylenol 325 MG Tablet 1 tablet as needed every 6 hrs
 - Diltiazem 0.5 mg caps once daily, Notes: Given by external Doc
 - No OTC Cap
 - Flexeril 1 tab
 - lasix 50 mg tablet 1 tab bid

Medical History:

- Diabetes mellitus type 2 or unspecified type with hyperosmolarity, not stat

Allergies/Intolerance:

Surgical History:

Hospitalization:

Family History:

Send Print Fax Record Lock Details Scan Templates Claim Letters Ink

UpToDate GO

Overview DRTL History CDSS Order Sets Labs/DI

TEST, ACCOUNT 71 Y, F as of 03/08/2016

Global Alerts

Advance Directive

Problem List All

- 250.20 Diabetes mellitus type 2 or unspecified type with hyperosmolarity, not stat
- V70.0 ROUTINE MEDICAL EXAM
- 203.00 Multiple myeloma without mention of remission
- 493.92 Asthma with acute exacerbation
- 401.9 HTN
- M51.35 Other intervertebral disc degeneration, thoracolumbar region

Current Medications Stop Date

- Flexeril
- No OTC Cap
- Diltiazem 0.5 mg caps
- Tylenol 325 MG Tablet
- IBU 800 MG Tablet
- No OTC/ Herbal Therapies

Practice

Resource Sche...

Aquino, Jay

Kodroff, Kurt

Louis-Jacques, ...

Mukherji, Rajat K

Pasco, Neil

Paul, Joseph H

Sardo, Gulmira

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TEST, ACCOUNT, 71 Y, F **Sel** Info Hub **Allergies** Billing Alert

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Medical Summary | CDSS | Alerts | Labs | DI | Procedures | Growth Chart | Imm/T.Inj | Encounters | Patient Docs | Flowsheets | Notes

SF [dropdown]

Enc << V 02/26/2016 NP >>

Progress Notes Scribe Orders Quick Search

Address: 877 PENNSYLVANIA AVENUE, APT 8B, BROOKLYN, NY-11207

Account Number: 04269500

Encounter Date: 02/26/2016 **Provider:** Nicholas Post

Appointment Facility: Kingsbrook Jewish Medical Center

Subjective:

Chief Complaint(s):

HPI:

Hepatitis C

Screening Offered

We are routinely offering hepatitis C testing to all persons born between 1945 and 1965. Would you like to be tested for hepatitis C? _

HIV

Screening Offered

We are required to make an offer of HIV testing to all persons between the ages of 13 and 64 regardless of apparent risk. Would you like to be tested today? _

Current Medication:

Taking

- No OTC/ Herbal Therapies , Notes: patient indicated

Unknown

- IBU 800 MG Tablet 1 tablet 3x/day
- Tylenol 325 MG Tablet 1 tablet as needed every 6 hrs
- Diltiazem 0.5 mg caps once daily, Notes: Given by external Doc
- No OTC Cap
- Flexeril 1 tab
- lasix 50 mg tablet 1 tab bid

Medical History:

- Diabetes mellitus type 2 or unspecified type with hyperosmolarity, not stat

Allergies/Intolerance:

Send Print Fax Record Lock Details Scan Templates Claim Letters Ink

UpToDate

Overview DRTL A History CDSS Order Sets Labs/DI

TEST, ACCOUNT 71 Y, F as of 03/08/2016

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SECURE NOTES

Medical Summary | CDSS | Alerts | Labs | DI | Procedures | Growth Chart | Imm/T.Inj | Encounters | Patient Docs | Flowsheets | Notes

SF

Progress Notes Scribe Orders

Quick Search

Physical Examination:

Assessment:

Assessment:

- Encounter for screening for infections with a predominantly sexual mode of transmission - Z11.3
- Encounter for screening for human immunodeficiency virus [HIV] - Z11.4

Plan:

Treatment:

Encounter for screening for infections with a predominantly sexual mode of transmission

Lab:HEP C

Encounter for screening for human immunodeficiency virus [HIV]

Lab:HIV 4TH GENERATION (QUEST)

Procedures:

Immunizations:

Therapeutic Injections:

Diagnostic Imaging:

Lab Reports:

Preventive Medicine:

Next Appointment:

Send Print Fax Record Lock Details Scan Templates Claim Letters Ink

Enc << V 02/26/2016 NP >>

UpToDate

Overview DRTL A History CDSS Order Sets Labs/DI

TEST, ACCOUNT 71 Y, F as of 03/08/2016

Global Alerts

Advance Directive

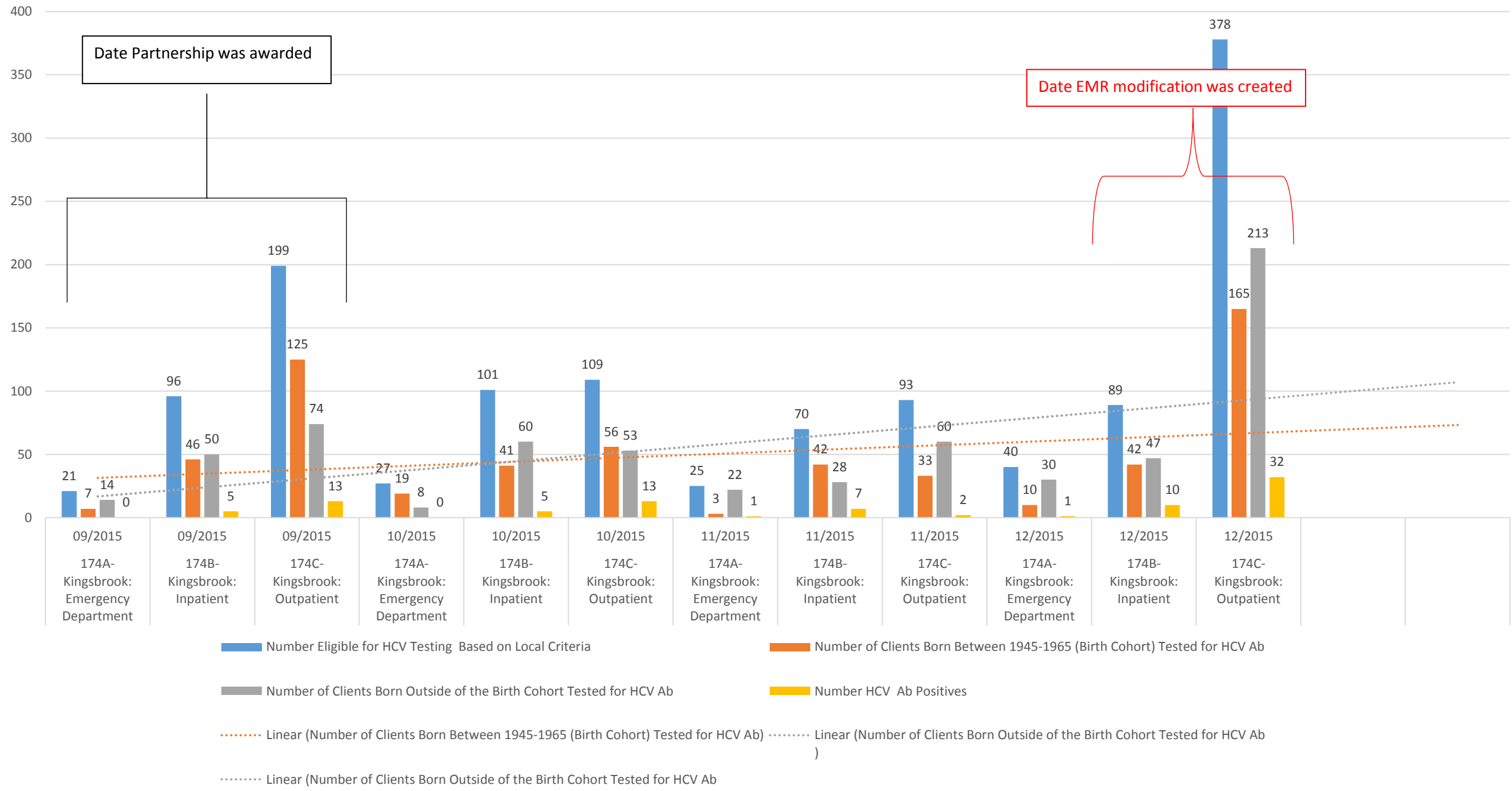
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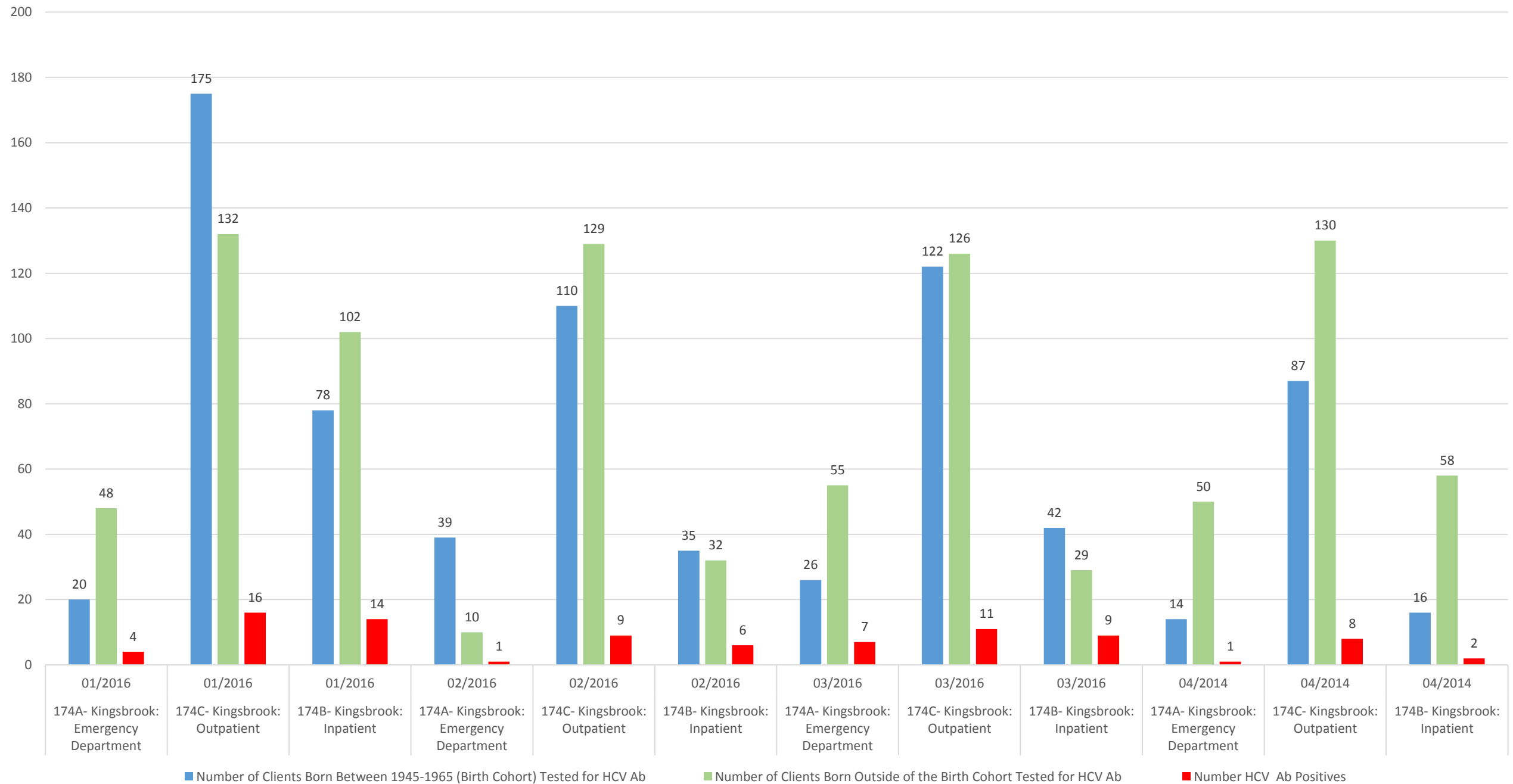
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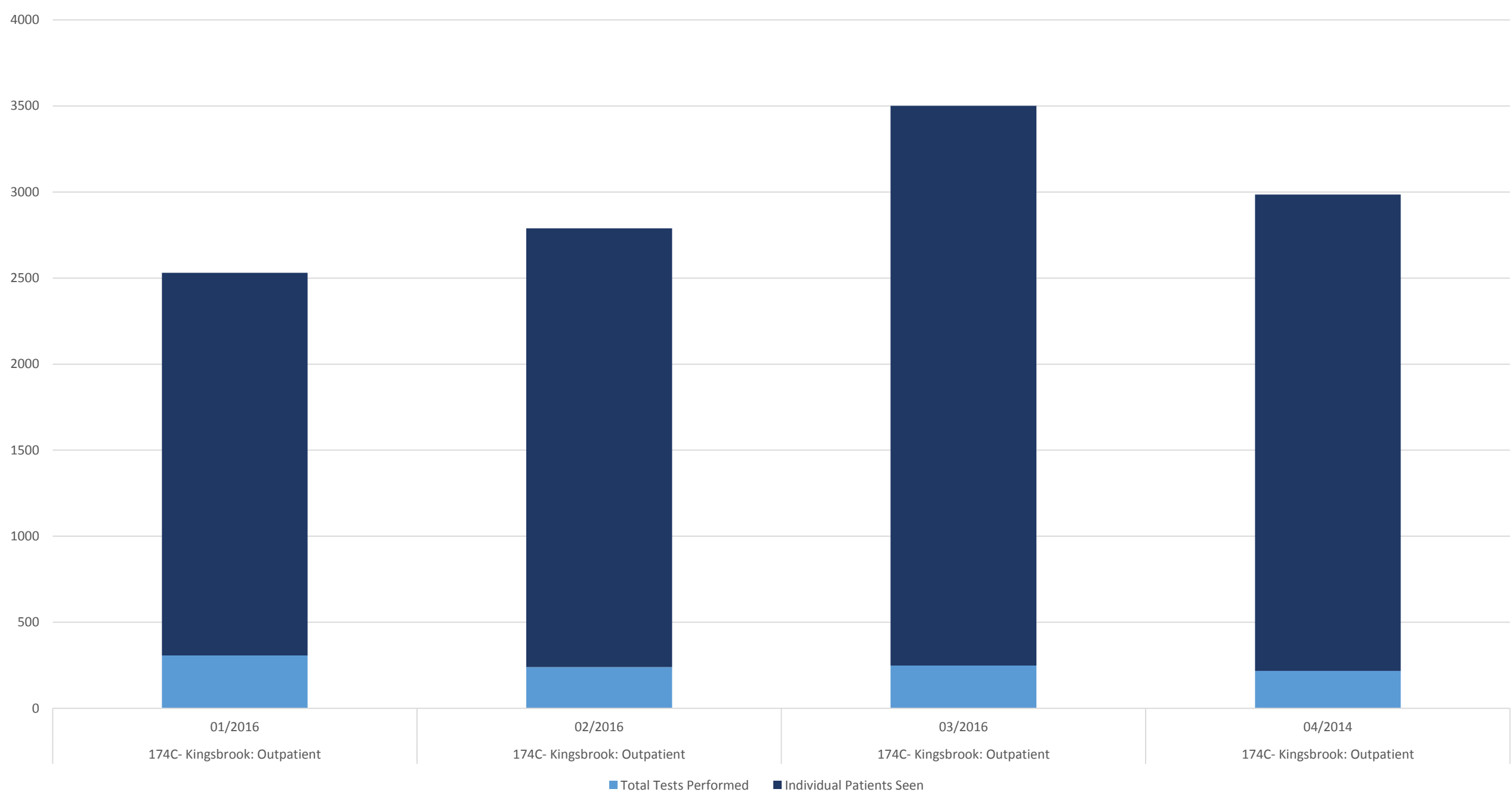
Hepatitis C Screening Q4 2015



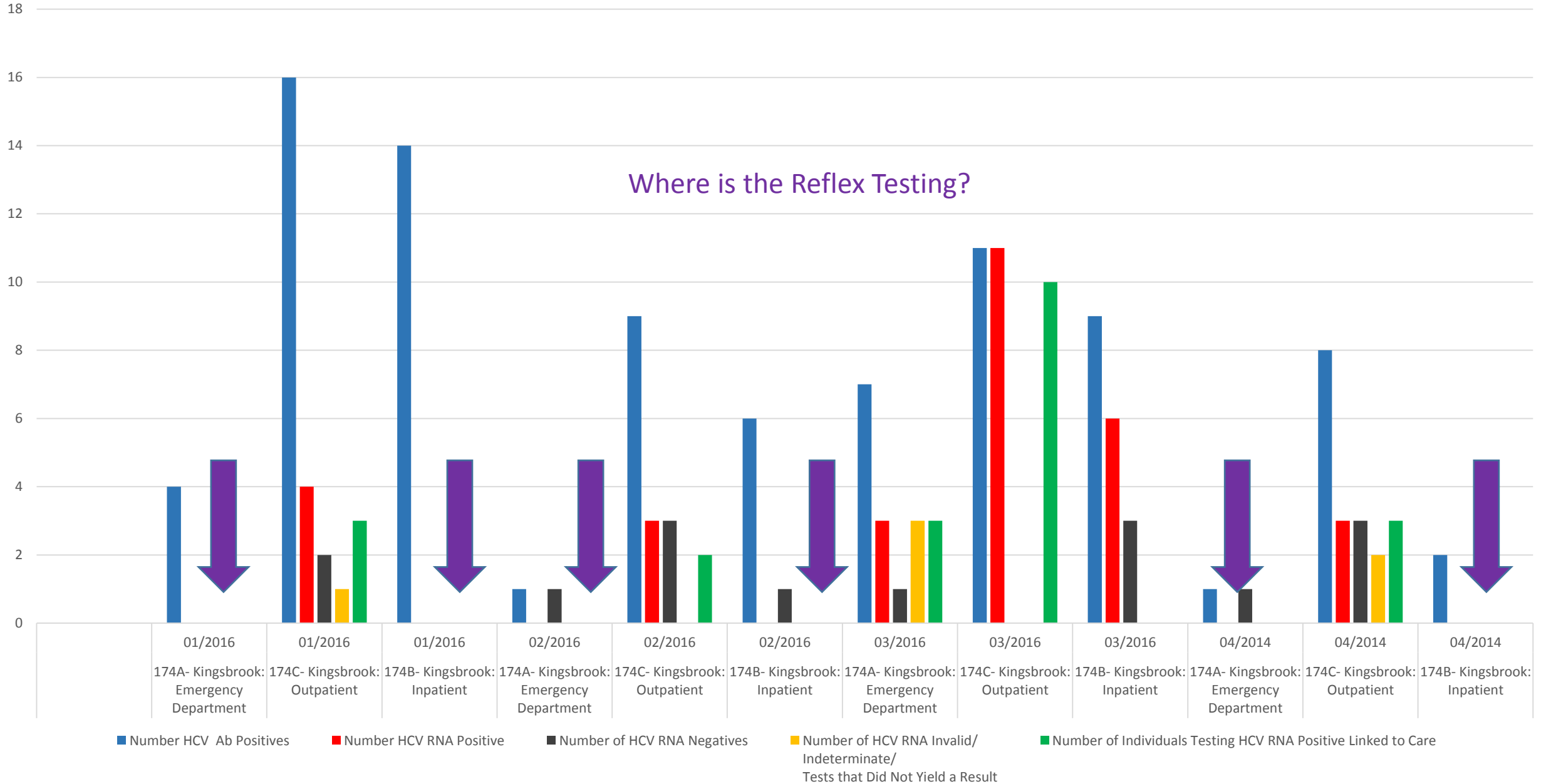
HCV Ab Screening Q1 2016



Testing Penetration in Outpatient Setting



HCV Ab Positive and Reflex Testing



Multidisciplinary RCA revealed several issues:

Lab orders not properly placed in ED setting

Difficulties in off site RNA reflex testing

Nursing/Tech Education on which tubes to use



Hepatitis C September, 2015 - December, 2016	September, 2015 - March, 2016	April, 2016	Cumulative Data through April, 2016
HCV Ab Tests Performed	2,559	356	2,915
HCV Ab Positive Patients Identified Through Testing	167	9	176
HCV Ab Seropositivity	6.5%	2.5%	6%
HCV RNA Tests Performed	112	9	121
HCV RNA Positive Patients Identified Through Testing	52	3	55
HCV RNA Positive Patients (identified through testing) Attended First Appointment	34	3	37