FAST TRACK CITIES: Kingston, Jamaica
Dr. Geoffrey Barrow
OVERVIEW OF KINGSTON, JAMAICA
Kingston and St. Andrew

Map of the Kingston and St. Andrew Region

Kingston and St. Andrew Details

• Amalgamation of local government bodies in 1923 to form the Kingston and St. Andrew Corporation
• Health care reform: late 1990’s
• St Andrew: 430 sq. km
• Kingston: 22 sq. km
• Total population: ≈ 820,000
Jamaican Morbidity and Mortality

Leading Causes of Death, 2008

<table>
<thead>
<tr>
<th>Causes</th>
<th>Deaths (%)</th>
<th>Years of Life Lost (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Causes</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Cerebrovascular disease</td>
<td>18</td>
<td>11</td>
</tr>
<tr>
<td>Diabetes mellitus</td>
<td>11</td>
<td>8</td>
</tr>
<tr>
<td>Ischaemic heart disease</td>
<td>10</td>
<td>6</td>
</tr>
<tr>
<td>Hypertensive heart disease</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Lower respiratory infections</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>HIV/AIDS</td>
<td>4</td>
<td>9</td>
</tr>
<tr>
<td>Stomach cancer</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Nephritis and nephrosis</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Perinatal conditions</td>
<td>2</td>
<td>8</td>
</tr>
<tr>
<td>Breast cancer</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

Source: WHO

National HIV Incidence Rates, 2017
FAST TRACK CITIES INITIATIVE IN KINGSTON – UPDATE
Objective 1: **Optimize HIV service delivery and uptake by promoting leadership, accountability and impact, strengthening critical partnerships, creating an enabling environment, and developing robust implementation plans**

- Output 1: City implementation plan developed and operational
- Output 2: Enabling environment created for the implementation of the HIV response

Objective 2: **Utilize data to inform action for Fast-Tracking the HIV response in Kingston**

- Output 1: Active online web portal depicting the health profile in Kingston
- Output 2: Conduct a Quality of Care analysis for PLHIV accessing care in Kingston
Conduct an assessment of the progress, gaps, barriers and priorities for the HIV response in Kingston and St. Andrew.

### HIV Care Continuum, 2019

Data Source: Ministry of Health Treatment Database and Epidemiology Report

### HIV Key Populations Reached, 2017-2018

<table>
<thead>
<tr>
<th>Indicators</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number</td>
<td>Percent</td>
</tr>
<tr>
<td>Percentage of men who have sex with men reached with HIV prevention programs - defined package of services</td>
<td>3078</td>
</tr>
<tr>
<td>Percentage of men who have sex with men that have received an HIV test during the reporting period and know their results</td>
<td>2516</td>
</tr>
<tr>
<td>Percentage of sex workers reached with HIV prevention programs - defined package of services</td>
<td>1944</td>
</tr>
<tr>
<td>Men</td>
<td>3</td>
</tr>
<tr>
<td>Women</td>
<td>1941</td>
</tr>
<tr>
<td>Percentage of sex workers that have received an HIV test during the reporting period and know their results</td>
<td>1710</td>
</tr>
<tr>
<td>Men</td>
<td>3</td>
</tr>
<tr>
<td>Women</td>
<td>1707</td>
</tr>
<tr>
<td>Percentage of transgender people reached with HIV prevention programs - defined package of services</td>
<td>221</td>
</tr>
<tr>
<td>Percentage of transgender people that have received an HIV test during the reporting period and know their results</td>
<td>168</td>
</tr>
</tbody>
</table>
Kingston and St. Andrew HIV Care Continuum: Sex Disparity?

Kingston and St. Andrew HIV Care Continuum: Females, 2019

-data source: Ministry of Health Treatment Database and Epidemiology Report

Kingston and St. Andrew HIV Care Continuum: Males, 2019

-data source: Ministry of Health Treatment Database and Epidemiology Report
Kingston and St. Andrew HIV Care Continuum: Age Disparity!

Continuum of Care: Ages: 10-19 years

Adolescent Treatment Cascade for 2018

- 286 PLHIV Ever Linked to Care
- 128 PLHIV Retained in Care (45%)
- 100 PLHIV Retained in Care on ARV (35%)
- 61 PLHIV Virally Suppressed (21%)

Adolescent Data for Kingston and St. Andrew
- 45% retained in care
- 35% on ART
- 21% Virally Suppressed
FAST TRACK CITIES OFFICIAL LAUNCH: November 25, 2020

Promoting Leadership

Strengthening Critical Partnerships
Strengthen the collection, analysis and use of strategic information on the HIV epidemic and response, including city specific information.
Additional Programmatic Achievements

Shelter Health Programme
• Opportunity to improve the quality of care for the homelessness in the Kingston and St. Andrew region
• Achievements
  – Partnerships formed with the focal points for homelessness within local government.
  – Buy-in for a shelter health programme from both Governmental and Private Sector facilities.

International Collaborations
• PrEP Implementation
  – Phase 1 ongoing
• HIV Public-Private Partnership
  – Phase 1 ongoing
THE COVID-19 EPIDEMIC IN JAMAICA
Impact of the COVID-19 Epidemic

Fast Track Cities Initiative

• Delays in site assessments at homeless shelters
• Delays in the commencement of the QoC analysis
• Delay in HIV sensitization training of city councilors

Ministry of Health and Wellness Response

• COVID-19/HIV Task Force
• Shifting intervention modalities
• Redesigning messaging for “prevention at home”
• Increased focus on GBV
• PPE and social distancing enforced at clinic visits
• Shifting Contact Investigators to COVID