**INVESTMENT CASE**

Care for Mental Health Conditions in Jamaica

<table>
<thead>
<tr>
<th>Health and economic impact of mental health conditions in Jamaica</th>
<th>Prevalence</th>
<th>Psychosis accounts for</th>
<th>Labor productivity losses</th>
<th>Social costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>depressive disorders</td>
<td>3%</td>
<td>anxiety disorders</td>
<td>4.1%</td>
<td>80%</td>
</tr>
</tbody>
</table>

Jamaica could reduce these social costs and economic losses by implementing the WHO Mental Health Gap Action Programme (mhGAP) interventions to treat mental health conditions.

**Return on investment (ROI) of scaling up treatment after 15 years**

<table>
<thead>
<tr>
<th>DEPRESSION</th>
<th>ANXIETY</th>
<th>PSYCHOSIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTERVENTIONS</td>
<td>psychosocial treatment</td>
<td>psychosocial treatment</td>
</tr>
<tr>
<td></td>
<td>anti-depressant medication</td>
<td>anti-depressant medication</td>
</tr>
</tbody>
</table>

ROI 5.2 5.5 1.1

Overall ROI: 4.2

Scaling up treatment

J$ 1 invested

J$ 4.2 return

Over the next 15 years, scaling up treatment for mental health conditions in Jamaica would lead to:

- 229,000 cases of depression and anxiety averted
- More than 75,000 healthy life years gained
- J$ 60 billion (3.3% GDP 2017) productivity gains and social benefits
Jamaica could reduce these health and economic losses by implementing the WHO “best-buy” interventions to prevent and control noncommunicable diseases.

*Health and economic impact of noncommunicable diseases (NCDs) in Jamaica*

- 80% of all deaths are caused by NCDs
- 15,000 deaths annually
- Direct medical costs: J$ 29.8 billion
- Labor productivity losses: J$ 47.3 billion

Jamaica could save over 5,700 lives and avoid direct medical costs of J$ 77.1 billion over 15 years by implementing these interventions, resulting in an overall Return on Investment (ROI) of 2.1.

**Return on investment (ROI) of implementing these interventions at 15 years**

<table>
<thead>
<tr>
<th>INTERVENTIONS</th>
<th>TOBACCO</th>
<th>ALCOHOL</th>
<th>DIABETES</th>
<th>CVD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ROI</strong></td>
<td>5.4</td>
<td>1.9</td>
<td>2.1</td>
<td>1.9</td>
</tr>
</tbody>
</table>

**Interventions**

- **TOBACCO**
  - Increase taxes
  - Bans on advertising, promotion and sponsorship
  - Protect people from tobacco smoke
  - Mass media campaigns
  - Plain packaging

- **ALCOHOL**
  - Increase taxes
  - Restrict advertising
  - Restrict availability of retailed alcohol

- **DIABETES**
  - Glycemic control
  - Screening and treatment for sight-threatening retinopathy

- **CVD**
  - Multidrug therapy to treat stroke and ischemic heart disease
  - Treatment for individual with high risk
  - Aspirin treatment of acute myocardial infarction

**Overall ROI: 2.1**

Implementing interventions:

- J$ 1 invested
- J$ 2.1 return

Over the next 15 years, implementing these interventions in Jamaica would lead to:

- 5,700 lives saved
- J$ 77.1 billion (4.3% GDP 2017) productivity gains and averted medical costs

Empowered lives. Resilient nations.