OPENING DATA IN A SMALL SOCIETY

SIDE EVENT OF THE 51ST SESSION OF THE UNSC

Open Data: Increasing Impact Through Data Sharing and Use

Presented by:
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Deputy Director General
Statistical Institute of Jamaica
THE CHALLENGE

Increasing demand for data
- New types of data
- Extended time series
- Numerous tabulations
- Custom tabulations

Limited human resources to respond to data requests
KEY CONSIDERATIONS

• Legal mandate to maintain confidentiality
  • Statistics Act, 1984 Section 17
• Small society (2.7 million people)
• Small open economy (less than 40,000 establishments)
• The Institute’s appetite for opening data
• Capacity for disclosure control
• Capacity to disseminate
OTHER INITIATIVES AND DEVELOPMENTS

• Open Data Readiness Assessment done
• Open Data Policy being promulgated
• National decision to subscribe to the IMF’s Special Data Dissemination Standard (SDDS)
• Data Protection Act being promulgated
• Stakeholder needs for improved analyses
• Increasing respondent apathy and privacy concerns
WHERE WE STARTED
Jamaica

National Statistical Office: Statistical Institute of Jamaica
Website: http://www.statinja.gov.jm/

22
ODIN SCORE

91
RANK out of 125 countries
30
COVERAGE subscore
14
OPENNESS subscore

SUBSCORES BY MAJOR DATA CATEGORIES

<table>
<thead>
<tr>
<th>Category</th>
<th>Social Statistics</th>
<th>Economic Statistics</th>
<th>Environmental Statistics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jamaica</td>
<td>16%</td>
<td>27%</td>
<td>23%</td>
</tr>
<tr>
<td>Caribbean</td>
<td>20%</td>
<td>35%</td>
<td>17%</td>
</tr>
<tr>
<td>The Americas</td>
<td>30%</td>
<td>36%</td>
<td>26%</td>
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</table>

COMPARISONS WITH OTHER INDEXES*

<table>
<thead>
<tr>
<th>Index</th>
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<tr>
<td>Open Data Inventory 2015</td>
<td>22%</td>
</tr>
<tr>
<td>Statistical Capacity Indicator 2015*</td>
<td>78%</td>
</tr>
<tr>
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RELEVANT INDICATORS & UPDATES

- NSDS: No strategy.
- SDDS/e-GDDS: e-GDDS Participant.
- Press 2015 Active Commitments: $50,703.00
- OGP Membership: No.
- Updates: ● In December 2014, Jamaica received a favorable Open Data Readiness Assessment from the World Bank. ● In June 2015, the Ministry of Science, Technology, Energy and Mining announced that they will spearhead development of the open data policy.
# The Process

## Internally
- Contacted ODIN to better understand the score
- Assessed feasibility and developed a strategy
- Received training in statistical disclosure control
- Identified lead to coordinate activities
- Improved the Institute’s website

## Externally
- Inter-agency committee for key datasets
- Discussions with other producers of official statistics
- Supported the creation of Government data portals
- Linked existing data dissemination to the Institute’s website

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WHERE WE ARE
**Country Profile**

**Jamaica**

**National Statistical Office:** Statistical Institute of Jamaica  
**Website:** [http://www.statinja.gov.jm/](http://www.statinja.gov.jm/)

**ODIN Score:** 22

**Rank:** 91 out of 129 countries

**Coverage Score:** 30

**Openness Score:** 14

### Subscores by Major Data Categories

<table>
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<th>Data Category</th>
<th>Jamaica</th>
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*For sources see: [odin.opendatawatch.com](http://odin.opendatawatch.com)*
Jamaica’s ODIN Score and Rank 2015 - 2018

2015
- Score: 22
- Rank: 91/125

2016
- Score: 18
- Rank: 165/173

2017
- Score: 44
- Rank: 68/180

2018
- Score: 60
- Rank: 37/178

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TYPES OF DATA AVAILABLE
Types of Data Available

Data from Other Producers of Official Statistics
TYPES OF DATA AVAILABLE

Data from Other Government Sources
TYPES OF DATA AVAILABLE

Standard Tables in open data format

XLS
CSV
QCSV
TSV
Text

GROSS DOMESTIC PRODUCT BY EXPENDITURE AT CURRENT PRICES, $Million

<table>
<thead>
<tr>
<th>Item</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Consumption Expenditure</td>
<td>1,336,985</td>
<td>1,444,073</td>
<td>1,538,014</td>
<td>1,575,258</td>
<td>1,612,000</td>
<td>1,737,150</td>
<td>1,517,894</td>
</tr>
<tr>
<td>(a) Private</td>
<td>1,123,054</td>
<td>1,222,096</td>
<td>1,314,165</td>
<td>1,345,956</td>
<td>1,363,282</td>
<td>1,483,542</td>
<td>1,545,156</td>
</tr>
<tr>
<td>(b) Government</td>
<td>213,931</td>
<td>221,977</td>
<td>223,857</td>
<td>229,236</td>
<td>243,666</td>
<td>253,607</td>
<td>272,838</td>
</tr>
<tr>
<td>Gross Capital Formation</td>
<td>261,947</td>
<td>364,482</td>
<td>346,524</td>
<td>354,373</td>
<td>374,727</td>
<td>426,964</td>
<td>472,583</td>
</tr>
<tr>
<td>(a) Gross Fixed Capital Formation</td>
<td>259,083</td>
<td>360,554</td>
<td>339,502</td>
<td>352,095</td>
<td>373,187</td>
<td>416,435</td>
<td>471,962</td>
</tr>
<tr>
<td>(b) Changes in Inventories</td>
<td>3,854</td>
<td>3,901</td>
<td>7,021</td>
<td>2,277</td>
<td>1,544</td>
<td>7,548</td>
<td>621,078</td>
</tr>
<tr>
<td>Exports of Goods &amp; Services</td>
<td>396,652</td>
<td>437,876</td>
<td>461,616</td>
<td>496,693</td>
<td>569,227</td>
<td>656,760</td>
<td>766,875</td>
</tr>
<tr>
<td>Less Imports of Goods &amp; Services</td>
<td>601,450</td>
<td>754,401</td>
<td>824,708</td>
<td>766,792</td>
<td>766,130</td>
<td>929,205</td>
<td>1,034,176</td>
</tr>
</tbody>
</table>

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Types of Data Available

Custom Tables in open data format
TYPES OF DATA AVAILABLE

Geospatial data
### Types of Data Available

#### Micro Data

<table>
<thead>
<tr>
<th>HS Code</th>
<th>STIC Code</th>
<th>Description</th>
<th>Unit of Quantity</th>
<th>Quantity</th>
<th>JMD ($)</th>
<th>USD ($)</th>
<th>Country</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>8711109000</td>
<td>765119000</td>
<td>Motorcycles (including mopeds) and cycles fitted with an auxiliary motor with or without side-cars with reciprocating internal combustion piston engine of a cylinder capacity not exceeding 50 cc for the transport of goods.</td>
<td>NUM</td>
<td>305</td>
<td>15249.31</td>
<td>1527.31</td>
<td>China</td>
<td>2012</td>
</tr>
<tr>
<td>6110300000</td>
<td>845530000</td>
<td>Jerseys pullovers cardigans wastcoats and similar articles knitted or crocheted of man-made fibres.</td>
<td>NUM</td>
<td>410.49</td>
<td>719992.84</td>
<td>71.06</td>
<td>China</td>
<td>2012</td>
</tr>
<tr>
<td>6802919000</td>
<td>611349000</td>
<td>Machine toolset and asbestos mounded turned polished decorated carved or otherwise worked.</td>
<td>NUM</td>
<td>NA</td>
<td>1555379.92</td>
<td>155.54</td>
<td>China</td>
<td>2012</td>
</tr>
<tr>
<td>5704100000</td>
<td>659114000</td>
<td>Carpets and other textile floor coverings other than tiles having a maximum surface area of 0.3 m² of felt not felted or flocked whether or not made up.</td>
<td>MSQ</td>
<td>12052.67</td>
<td>5084.68</td>
<td>50.85</td>
<td>China</td>
<td>2012</td>
</tr>
<tr>
<td>6802999000</td>
<td>611399000</td>
<td>Other building or monumental stone moulded turned polished decorated carved or otherwise worked.</td>
<td>NA</td>
<td>12477.90</td>
<td>8311430.38</td>
<td>831.14</td>
<td>United States of America</td>
<td>2012</td>
</tr>
<tr>
<td>5706090000</td>
<td>659410000</td>
<td>Articles of other building or monumental stone moulded turned polished decorated carved or otherwise worked.</td>
<td>MSQ</td>
<td>2556.32</td>
<td>585326.67</td>
<td>58.53</td>
<td>Dominican Republic</td>
<td>2012</td>
</tr>
<tr>
<td>5708900000</td>
<td>659410000</td>
<td>Other carpets and other textile floor coverings whether or not made up.</td>
<td>MSQ</td>
<td>1.89</td>
<td>62073.10</td>
<td>6.21</td>
<td>Portugal</td>
<td>2012</td>
</tr>
<tr>
<td>6110209000</td>
<td>845520000</td>
<td>Jerseys pullovers cardigans wastcoats and similar articles knitted or crocheted of cotton.</td>
<td>NUM</td>
<td>2</td>
<td>14556.49</td>
<td>14.56</td>
<td>Cambodia (Democratic Republic)</td>
<td>2012</td>
</tr>
</tbody>
</table>

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Types of Data Available

National Summary Data Page

- National Accounts (GDP)
- Consumer Price Index
- General Government Operations
- Central Government Operations

SDMX
We have come a long way

There are still miles to go