Lessons from Haiti: Innovation in Tracking and Housing Internally Displaced Persons

Brookings Institution
Washington, 13th December 2012
IOM Haiti Mission

January 2010, the earthquake
IDPs & Camps

How many, where & who?
Two complementary data gathering processes to determine the number of displaced; camps and IDP population profile.

Both started in February 2010 and are still in use to track and monitor the displacement.

**CAMP BASED ASSESSMENT**

- How many?
- Where?

**REGISTRATION:** Detailed IDP Profiling

- Who?

## Results
By July 2010: 1.5 million estimated in 1,555 IDP Sites (Camps)

Phases of displacement tracking

- **Registration**
  - Phase 1: Emergency Registration
  - Phase 2: Updating of Existing Registry
  - Phase 3: Return and Referral
  - Phase 4: Individual Assistance and De-registration

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<th>Quarter</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
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Camp Based Assessments
Trends in IDP Sites and population

Timeline of post earthquake displacement in IDP sites

**IDP population**

**Phase 1**
- 1,360,319 IDPs
- 53% F 47% M
- 321,235 HH (47% CENSUS)
- 1273 SITES
- 13 communes

**Phase 2**
- 167,824 IDPs
- 52% F 48% M
- 44,205 HH (12% PH1)
- 252 SITES
- 8 communes

- **PH1** = 83% from Port au Prince & 17% from outside
- **PH1** = 85% from the same commune & 73% from the same section communale
- **PH2 2012** = 63% from the same commune and 57% from the same section communale

Spontaneous return
Organized return & camp closure
Average age IDPs 24, 23 & 24 in 2010, 2011 and 2012

Average age HoH 38, 37 & 36 in 2010, 2011 and 2012

Dependency Ratio 49 in 2010 & 43 in 2012

Sex Ratio 87, 93 & 94 in 2010, 2011 and 2012

Single male headed HH, from 16% to 23% in 2012

Average HH size from 4.2 to 3.4 in 2012

Average N of children <15 yrs per HH from 1.3 to 1 in 2012
**Education**

- **56% Male & 53% Females**
- **8% Males & 12% Females**

NER drops from 83 in Primary to 23 in Junior Secondary and to 15 in Senior Secondary
DHS 2012 79 Primary NER in camps

**Occupation**

- **66% Unemployment rate**
  - Each working IDP supports 2.3 non working IDPs

- 54% unskilled workforce and informal occupation
- 28% skilled workforce (artisans / crafts and skilled manual workers)
- 4% Drivers and machine operators & technicians (non manual workers)
**Ownership status**

- % of tenants from 64% to 86%
- Owners who can repair from 20% to 6%

**Summary findings**

- Over time older IDPs and children returned home and camps now show a population of young adults and increasing age of the head of households
- The ratio of females is decreasing
- The size of household is decreasing
- Most IDPs own identification documents, fewer in 2012 than in 2010
- Primary NER is similar to the value in the neighborhood
- Unemployment and unskilled labor are predominant
- Most owners, especially those who could repair their homes, left and the proportion of tenants is increasing
Phase 3: Return and Referral IOM projects 2011/12

**99.5% completed**

- **Targeted** = 11,797
- **Returned** = 11,736
- **Still in camps** = 61

89.5% of returnees in the house after 6 weeks

Phase 3: Return and Referral IOM & partners (*) in 2012

62.0% 17.3% 20.7%

Done / in process Planned Gap

62% GAP = 70,676 families in need

Methods, technology & innovation

DTM Methodology – Data Collection Instruments

- Registration Form
- Household & Individuals details
- IDP Site
- Assessment Form
- Household Registration Card
- SN
- Database (SQL)
DTM Methodology – GIS & Mapping

Points and polygons of the IDP Sites
Street network

Neighborhoods of Port au Price

IOM GIS Unit data sources
- Field surveyors
- Satellite imagery
- Cooperation with open source community
- National Center for geospatial information

DTM Methodology – GIS & Mapping – Aerial photo 1
DTM Methodology – GIS & Mapping – Aerial photo 2

Establish table in SQL Server and connection for Web Service in web server

Generate questionnaire form and convert it to Blackberry Application.

Retrieving and Sending Data (Synchronize with server)

INTERNET (Encrypted Data)

Data Processing for output/reporting

Text, number, Image Data

DTM Methodology – Registering Returnees from camp and follow up (Blackberry & android application)