**METHODOLOGY**

The building inventory consists of the cartography and listing of all buildings housing the targeted affected population. This step includes a basic damage assessment of each building/plot, as well as preliminary basic information on the household residing on the building/plot (aiming at identifying displacement within host communities). IOM teams aided by communal DPC agents carried out a door-to-door building inventory to confirm and refine the assessments on the damage levels. This process was initially piloted in Dame Marie and Beaumont and subsequently extended to the communes of Chambellan and Moron.

The door-to-door building inventory is carried out in tandem with protection teams to gather information on Protection indicators including gender disaggregated data and vulnerability/protection needs for onward referral to relevant and non-state partners. The building Inventory and household registration is carried out at the neighborhood level, using the geographical unit coined by the National Statistics Institute (IHSI in French), called “Section d’Enumeration” or SDE.

Prior to the intervention, preliminary meetings were held with the Mayor of each commune, to present the DTM methodology and outline the building inventory activities. Following the presentation, DPC agents were appointed by the Mayor’s office to assist and collaborate with IOM to carry out the building inventory. A total of 236 DPC agents are employed for this exercise: 118 in Moron and 118 in Chambellan.

**RESULTS**

IOM DTM teams in collaboration with DPC agents assigned by the Mayor’s office have worked in a total of 42 SDEs (20 SDEs in Chambellan and 22 SDEs in Moron).

At present, IOM teams are working in 3 SDEs in Chambellan and 3 SDES in Moron. 2 SDEs remain on standby in Chambellan and 11 in Moron.

6,468 buildings inventoried: 3,173 buildings in Chambellan / 3,295 buildings in Moron

Number of buildings inventoried

<table>
<thead>
<tr>
<th></th>
<th>Chambellan</th>
<th>Moron</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated Buildings</td>
<td>3,496</td>
<td>4,916</td>
</tr>
<tr>
<td>Buildings Inventoried</td>
<td>3,173</td>
<td>3,295</td>
</tr>
</tbody>
</table>
CHALLENGES

- **Urban vs rural areas**
  While urban areas in each of the communes were easier to access, the teams encountered particular difficulties in reaching SDEs located in remote and rural areas. Many of these areas are sometimes only accessible by foot and houses are usually quite dispersed from one another, thus considerably reducing the targeted daily coverage.

- **Satellite images**
  The satellite images used to better locate the buildings had a precision of 15 to 20 meters thus making the geo-location process in the field more difficult. Field teams often had to resort to drawing sketches and polygons representing houses to ensure proper geo-referencing.

- **Bad weather**
  During April and May 2017, the southern peninsula experienced heavy rains which lead to flooding and landslides, which in turn has delayed and hindered IOM’s DTM and building inventory activities. Field agents have had to work in difficult conditions to carry out the building inventory.

WAY FORWARD

All building inventory activities are expected to end by 30 June 2017. The information collected through this exercise is communicated to Protection teams who deploy staff to assist the most vulnerable individuals (such as chronically ill, elderly, pregnant or breastfeeding women, presumed unaccompanied minors, people with disabilities, single-headed household, etc) through sensitization sessions. On this basis, IOM will select beneficiaries who will be provided a package including training on safe and wind-resistant reconstruction/repair techniques coupled with the provision of a standardized household Shelter Repair Kit (includes: wood, CGI sheeting, nails, etc.) to a total of 1,800 vulnerable households in Dame Marie and Chambellan or Moron.

As the standardized shelter kits will not suffice to all of the targeted households, IOM will also provide a conditional cash grant to enable households to carry out additional home improvements or hire labor assistance to carry out the repair works. In addition, the most vulnerable families identified through the protection screening will receive an additional conditional cash grant to cover labor costs or additional arrangements based on the nature of their vulnerability.

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Displacement Tracking Matrix (DTM) – Haiti-haiti.iom.int/dtm – dtmhaiti@iom.int
The graphs and statistics below provide a snapshot of the building inventoried by IOM and DPC teams. A total of 6,468 buildings were inventoried: 3,173 in Chambellan and 3,295 in Moron.

**Type of Buildings**
- Low house (one floor): 49.0%
- Ajoupa: 17.4%
- Makeshift: 16.7%
- Status to be confirmed: 5.2%
- Other: 2.9%
- High House (House with more than one floor): 0.9%
- Tent like house (walls and ceiling merged): 1.9%
- Complex (industrial; business; school; etc): 0.6%
- Bower: 0.6%
- Tent: 0.6%
- Transitional shelter (container, shelter): 0.2%
- Empty plot: 4.1%
- Apartment complex: 0.1%
- Other transitional shelter: 0.4%
- Villa: 0.0%
- Colonial type house (gingerbread): 0.0%

**Building Usage**
- Occupied residence: 79.9%
- Empty house: 3.9%
- Status to be confirmed: 6.6%
- Not Applicable: 4.8%
- Other Usage: 1.4%
- Church/ temples: 0.5%
- Educational Institutions/ professional...: 0.4%
- Public Institutions: 0.3%
- Residence and/or other (specify): 0.2%
- Cultural Institution /Sports/community...: 0.2%
- Business (wholesale or retail)/ supermarket...: 0.2%
- Industry/ manufacturer/ workshop: 0.1%
- Hospital/ Health Center/ Clinic: 0.1%
- Radios, TV, Journal: 0.0%
- Drugstore: 0.0%
- NGO and International Org.: 0.0%
- Police (Sub) Station: 0.0%
- Hotels and lodging places: 0.0%
- Banks/ microfinance/ house of money transfer: 0.0%
- Services (beauty salon, photocopies,...: 0.0%

**Roof Type**
- Temporary roof: 49.2%
- Wood structure: 30.4%
- No roof: 11.0%
- Status to be confirmed: 5.6%
- Reinforced concrete: 3.7%

**Wall Type**
- Temporary roof: 42.2%
- Wood structure: 20.3%
- Wood post with rubble masonry infill: 15.4%
- Concrete block masonry: 11.7%
- Rubble stone masonry: 8.4%
- Status to be confirmed: 5.9%
- Reinforced concrete frame with masonry infill: 3.6%
A reported **82.4%** of the buildings inventoried in Chambellan present some type of damage (damage to roof, walls, foundation) or are destroyed. Similarly, **81.5%** of the buildings inventoried in Moron are either damaged or destroyed.

**Damage Status - Chambellan**

- Roof damaged: 61.1%
- Completely destroyed: 15.9%
- Status to be confirmed: 5.3%
- Walls damaged: 11.1%
- No Damage: 11.4%
- Foundations Damaged: 2.4%

**Damage Status - Moron**

- Roof damaged: 58.8%
- Completely destroyed: 10.8%
- Status to be confirmed: 5.3%
- Walls damaged: 3.5%
- No Damage: 2.4%
- Foundations Damaged: 1.8%

Furthermore, **9.9%** of buildings assessed in Chambellan and **6.4%** of buildings assessed in Moron were under repair or reconstruction at the time that the data collection took place. These trends further confirm the severe level of damage sustained by buildings located in the Grande Anse department, the inability or difficulty that the population may face when rebuilding or repairing their homes and further supports the imperative of providing reconstruction support to these areas.
IOM DTM HAITI
BUILDING INVENTORY UPDATE
MAY 2017

Number of assessed buildings per SDE:
- Yellow: 1 - 26
- Light Orange: 27 - 71
- Orange: 72 - 105
- Dark Orange: 106 - 136
- Medium Red: 137 - 178
- Red: 179 - 227
- Dark Red: 228 - 370