FIJI INFORMAL SETTLEMENT SITUATION ANALYSIS

GREATER SUVA, NADI, LAUTOKA, BA, LEVUKA AND LABASA
CITY/TOWN-WIDE URBAN ANALYSIS

GREATER SUVA, NADI, LAUTOKA, BA, LEVUKA AND LABASA
Estimating Informal Settlement Numbers

Total No. of Informal Settlements: 172 (159 in study area)
Estimating Informal Settlement Numbers

Total Population: 76,613

Population in informal settlements (number of people)

- Greater Suva: 54,180
- Lautoka: 8,144
- Nadi: 6,789
- Ba: 3,943
- Labasa: 2,648
- Levuka: 909

Share of study area's informal settlement population

- Metropolitan area (GSUA): 71%
- Major regional centres (Nadi-Lautoka corridor): 19%
- Regional towns (Labasa-Levuka-Ba): 10%
Tenure

State Land
Private Land
Native Land
SETTLEMENT LEVEL SITUATION ANALYSIS

VALENICINA (LAMI), CAUBATI KORO (NASINU), NAWIJIKUMA (NADI), TOMUKA (LAUTOKA), TAUVEGAVEGA (BA) AND BABA (LEVUKA)
Methodology

• Primary data collection:
  • Six focus settlements in six cities/towns
  • Socio-economic household surveys
  • Community mapping sessions
  • In-depth interviews
  • Site observation surveys
  • Discussions with field workers
  • Identification of settlement boundaries using GPS

• Secondary data analysis:
  • FBoS census analysis
  • Geo-spatial analysis using GIS
  • Literature & document review
  • City/town settlement boundaries making use of satellite photos, local knowledge and a proportion of ground truthing

• Analysis and assessment:
  • Desktop analysis of findings using key planning frameworks
Geo-spatial data collection and analysis against government data using Geographic Information Systems (GIS)
Local / international partnership projects

National indicators

Regional data

International data and frameworks

Secondary data benchmarking and analysis
PCN Socio-economic survey carried out in Baba
Community Mapping session Tauvegavega stage 3
Community Map Nawijikuma & Nalagi
Settlement Selection

- Settlement typologies appeared consistent with the city’s settlement examples
- Willingness of partners to potentially work in these settlements
- Sites weren’t extreme relocation cases
  - Not hazardous, dangerous or environmentally challenged areas
- Possibility for water & sanitation to be addressed
- Proportion of security of tenure for residents
<table>
<thead>
<tr>
<th><strong>Baba Settlement</strong></th>
</tr>
</thead>
</table>

**Location:** Levuka, town and peri-urban. State and native land.

<table>
<thead>
<tr>
<th><strong>Land area:</strong></th>
<th>13.6 hectares</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Population:</strong></td>
<td>579, 42.7 persons/hectare</td>
</tr>
<tr>
<td><strong>Dwellings:</strong></td>
<td>115</td>
</tr>
</tbody>
</table>
Caubati Koro Settlement

Location: Nasinu peri-urban, Suva. native land.

Land area: 4.0 hectares

Population: 317
78.4 persons/ hectare

Dwellings: 54
Tauvegavega Settlement

Location: Ba peri-urban area.
Native land transferred to MLGHEIT

Land area: 34.3 hectares
Population: 1,140 (33.2 persons per hectare)
Dwellings: 307
Tomuka Settlement

Location: Lautoka town and peri-urban area. Native land.

Land area: 24.4 hectares

Population: 2300 (93.3 persons per hectare)

Dwellings: 476
<table>
<thead>
<tr>
<th>Nawijikuma Settlement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Location:</strong> Nadi, peri-urban. Native land.</td>
</tr>
<tr>
<td><strong>Land area:</strong> 14.5 hectares</td>
</tr>
<tr>
<td><strong>Population:</strong> 700 persons, 22 persons/hectare</td>
</tr>
<tr>
<td><strong>Dwellings:</strong> 153</td>
</tr>
</tbody>
</table>

![Map of Nawijikuma Settlement](image-url)
Valenicina Settlement

Location: Lami, peri-urban.
Native land.

Land area: 10.6 hectares
Population: 721
68.1 persons/hectare
Dwellings: 106
Land and Population

Settlement Size
• 6 Sett. Area average = 15 hectares
• Citywide average = 7.2 hectares

Settlement Population
• 6 Sett. population average = 960
• Citywide average = 412
• Tomuka & Tauvegavega we’re the largest settlements in size & population (however, population density was lower in Tauvegavega)
Land and Population

Population Density

- 6 Sett. Area average = 78 pph
- Citywide average = 75 pph
- Nawakijuma highest at 151 pph (double citywide and focus settlement average)
- Caubati Koro, similar to the citywide settlement average for total population & population density (317 population & 78 pph)
Land and Population

Population Density

- 6 Sett. Area average = 78 pph
- Citywide average = 75 pph
- Nawakijuma highest at 151 pph (double citywide and focus settlement average)
- Caubati Koro, similar to the citywide settlement average for total population & population density (317 population & 78 pph)
Land, Tenure and Community Governance

Settlements and land ownership

• Four of the six settlements had complex ownership, tenure and location characteristics

• Caubati Koro & Valenicina we’re in a single location and had a single land owner

Tenure

• All settlements were on native land

• Most had started to take some steps toward securing tenure

• Ministry of Local Government had taken out a head lease in Tauvegavega
Community organisation

• Most settlements had some form of committee either operation or in dormancy.

• Most had a community leader/coordinate

• Many also had an advisory councilor

• (for a breakdown refer to Appendix B.2 in report)

Other structures. There’s a range of other groups and affiliations that structure community governance for example through church, clan affiliation.
### Cost of dwelling
(average cost ($FJD))

<table>
<thead>
<tr>
<th>Location</th>
<th>Average Cost ($FJD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tomuka (Lautoka)</td>
<td>$10,036</td>
</tr>
<tr>
<td>Nawajikuma (Nadi)</td>
<td>$9,592</td>
</tr>
<tr>
<td>Tavegavega (Ba)</td>
<td>$8,525</td>
</tr>
<tr>
<td>Baba (Ovalau)</td>
<td>$6,406</td>
</tr>
<tr>
<td>Settlement average</td>
<td>$8,640</td>
</tr>
<tr>
<td>City-wide (study area)</td>
<td>$106,000</td>
</tr>
</tbody>
</table>
Dwelling with no formal water connection
(percentage of dwellings)

- Caubati (Nasinu): 3%
- Valenicina (Lami): 49%
- Tomuka (Lautoka): 15%
- Nawajkuma (Nadi): 23%
- Tavegavega (Ba): 27%
- Baba (Ovalau): 21%
- Settlement average: 23%
- City-wide (study area): 3%
Pit or shared toilet
(percentage of dwellings)

- Caubati (Nasinu): 9%
- Valenicna (Lami): 8%
- Tomuka (Lautoka): 12%
- Nawai Kumai (Nadi): 32%
- Tavevega (Ba): 8%
- Baba (Ovalau): 22%
- Settlement average: 9%
- City-wide (study area): 9%
Settlement based economic activity
(Percentage of households engaging in activity)

- Settlement-based economic activity (shop, farming, rent room, services)
- Settlement-based activity as main source of income
- Settlement-based subsistence farming
- Settlement-based livestock rearing

<table>
<thead>
<tr>
<th>Location</th>
<th>Settlement-based economic activity</th>
<th>Settlement-based activity as main source of income</th>
<th>Settlement-based subsistence farming</th>
<th>Settlement-based livestock rearing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caubati (Nasinu)</td>
<td>44%</td>
<td>8%</td>
<td>9%</td>
<td>3%</td>
</tr>
<tr>
<td>Valenicina (Lami)</td>
<td>34%</td>
<td>12%</td>
<td>11%</td>
<td>7%</td>
</tr>
<tr>
<td>Tomuka (Lautoka)</td>
<td>44%</td>
<td>11%</td>
<td>8%</td>
<td>1%</td>
</tr>
<tr>
<td>Nawajikuma (Nadi)</td>
<td>29%</td>
<td>21%</td>
<td>22%</td>
<td>4%</td>
</tr>
<tr>
<td>Tavevega (Ba)</td>
<td>21%</td>
<td>12%</td>
<td>10%</td>
<td>12%</td>
</tr>
<tr>
<td>Baba (Ovalau)</td>
<td>20%</td>
<td>20%</td>
<td>10%</td>
<td>4%</td>
</tr>
<tr>
<td>Settlement average</td>
<td>26%</td>
<td>13%</td>
<td>11%</td>
<td>9%</td>
</tr>
</tbody>
</table>
Previous residence
(percentage of head of household)

<table>
<thead>
<tr>
<th>Settlement</th>
<th>born in settlement</th>
<th>urban (not settlement)</th>
<th>another settlement</th>
<th>rural/island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Settlement average</td>
<td>39%</td>
<td>32%</td>
<td>14%</td>
<td>15%</td>
</tr>
<tr>
<td>Baba (Ovalau)</td>
<td>78%</td>
<td></td>
<td>11%</td>
<td>6%</td>
</tr>
<tr>
<td>Tavegavega (Ba)</td>
<td>17%</td>
<td>55%</td>
<td>25%</td>
<td>2%</td>
</tr>
<tr>
<td>Nawajikuma (Nadi)</td>
<td>22%</td>
<td>45%</td>
<td>21%</td>
<td>13%</td>
</tr>
<tr>
<td>Tomuka (Lautoka)</td>
<td>15%</td>
<td>51%</td>
<td>22%</td>
<td>12%</td>
</tr>
<tr>
<td>Valenicina (Lami)</td>
<td>45%</td>
<td>10%</td>
<td>35%</td>
<td></td>
</tr>
<tr>
<td>Caubati (Nasinu)</td>
<td>59%</td>
<td>22%</td>
<td>19%</td>
<td></td>
</tr>
</tbody>
</table>

- born in settlement
- urban (not settlement)
- another settlement
- rural/island
Community priority projects
(no. projects by theme)

Access (roads, paths) 8
Community facilities 4
Solid waste 3
Drainage 3
Utilities 3
Land and tenure 2
Housing 2
Livelihoods 1
Environment 1
Access
Community Facilities
Drainage & Flooding
Baba sanitation project: Surviving TC Winston.