National Social Security Fund Operation Assessment in Cambodia

Study Methodology

23 August 2017
Phnom Penh, Cambodia
**Sample frame**

**Distribution by location**

- Phnom Penh: 60%
- Siem Reap: 20%
- Svay Rieng: 10%
- Sihanouk Ville: 10%

**160 enterprises**

**Distribution by sector**

- Garment: 60%
- Hospitality: 20%
- Transport: 20%

**160 enterprises**

<table>
<thead>
<tr>
<th>Size</th>
<th>#employee</th>
<th>#respondent - workers</th>
<th>#respondent - admin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large</td>
<td>&gt; 100</td>
<td>10</td>
<td>1</td>
</tr>
<tr>
<td>Medium</td>
<td>31 - 100</td>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td>Small</td>
<td>8 - 30</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>
### Sample size v. Population size

#### Sample size

<table>
<thead>
<tr>
<th>(# enterprise)</th>
<th>PNP</th>
<th>SRP</th>
<th>SVR</th>
<th>SHV</th>
<th>ALL</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>56</td>
<td>23</td>
<td>12</td>
<td>12</td>
<td>102</td>
</tr>
<tr>
<td>M</td>
<td>24</td>
<td>8</td>
<td>4</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>S</td>
<td>10</td>
<td>4</td>
<td>2</td>
<td>2</td>
<td>18</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>90</td>
<td>35</td>
<td>18</td>
<td>18</td>
<td>160</td>
</tr>
</tbody>
</table>

#### Population size

<table>
<thead>
<tr>
<th>Sector</th>
<th>PNH</th>
<th>SHV</th>
<th>SRP</th>
<th>SVR</th>
<th>Grand Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Garment</strong></td>
<td>642</td>
<td>29</td>
<td>1</td>
<td>28</td>
<td>700</td>
</tr>
<tr>
<td>Large</td>
<td>470</td>
<td>27</td>
<td>0</td>
<td>25</td>
<td>522</td>
</tr>
<tr>
<td><strong>Medium</strong></td>
<td>115</td>
<td>1</td>
<td>1</td>
<td>3</td>
<td>120</td>
</tr>
<tr>
<td>Small</td>
<td>57</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>58</td>
</tr>
<tr>
<td><strong>Hospitality</strong></td>
<td>147</td>
<td>59</td>
<td>191</td>
<td>21</td>
<td>418</td>
</tr>
<tr>
<td>Large</td>
<td>22</td>
<td>14</td>
<td>35</td>
<td>16</td>
<td>87</td>
</tr>
<tr>
<td><strong>Medium</strong></td>
<td>33</td>
<td>16</td>
<td>57</td>
<td>2</td>
<td>108</td>
</tr>
<tr>
<td>Small</td>
<td>92</td>
<td>29</td>
<td>99</td>
<td>3</td>
<td>223</td>
</tr>
<tr>
<td><strong>Transportation</strong></td>
<td>408</td>
<td>2</td>
<td>4</td>
<td>7</td>
<td>421</td>
</tr>
<tr>
<td>Large</td>
<td>43</td>
<td>0</td>
<td>4</td>
<td>3</td>
<td>50</td>
</tr>
<tr>
<td><strong>Medium</strong></td>
<td>121</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>123</td>
</tr>
<tr>
<td>Small</td>
<td>244</td>
<td>2</td>
<td>0</td>
<td>2</td>
<td>248</td>
</tr>
</tbody>
</table>

**Note:**
- **Location:** PNP = Phnom Penh, SVR = Svay Rieng, SHV = Siem Reap, G = Garment, H = Hospitality, T = Transportation
- **Size:** L = Large, M = Medium, S = Small
Sampling procedure – firm level (selective)

1. NSSF Enterprise List
2. ISIC Code Rev. 3
3. Classify by Province

PNP
- G
- H
- T
- L
- M
- S

SVR
- G
- H
- T
- L
- M
- S

SRP
- G
- H
- T
- L
- M
- S

SHV
- G
- H
- T
- L
- M
- S

Random selection

Note:
- Location: PNP = Phnom Penh, SVR = Svay Rieng, SRP = Siem Reap, SHV = Sihanok Vill
- Sector: G = Garment, H = Hospitality, T = Transportation
- Size: L = Large, M = Medium, S = Small
**Target sectors and selected ISIC code**

<table>
<thead>
<tr>
<th>№</th>
<th>Sector</th>
<th>ISIC (Rev. 3): Description</th>
</tr>
</thead>
</table>
| 1 | Garment  | - 1711: Preparation and spinning of textile fibers; waving of textiles  
- 1712: Finishing of textile  
- 1920: Manufacturing of footwear  
- 2222: Service activities of related to printing  
- 9310: Washing, and (dry-) cleaning of textile and fur product (This code is given by NSSF, but it cannot be found in Rev. 3 of the United Nation Statistic Division) |
| 2 | Hospitality | - 5510: Hotels; camping sites and other provision of short-say accommodation |
| 3 | Transport | - 6010: Transport vis railways  
- 6110: Sea and Costal water transport  
- 6309: Activities of other transport agency |
| 4 | Other    | - TBA |
Sampling procedure – individual level (assigned by firm)

Respondents

Workers
- 50% with claims experience

Admin
- 50% without claims experience