Rapid initial cost estimates

What and why?

▪ The design paradigm for CVIC was to minimize ‘defaults’ and assumptions to encourage a deep conversation at the country-level over vaccination delivery strategies.

▪ However, to minimize barriers of entry for users, a sub-version of CVIC - **CVIC EZ for AMC92 countries** – with a larger set of pre-filled defaults can be used.

▪ Formulae and estimation models remain the same to ensure compatibility.
# Rapid initial cost estimates

## Differences

<table>
<thead>
<tr>
<th>CVIC</th>
<th>CVIC EZ</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basic information required</strong>&lt;br&gt;e.g., Country name, currency</td>
<td>(same as CVIC 2.3)</td>
</tr>
<tr>
<td><strong>Users must fill in delivery assumptions:</strong>&lt;br&gt;e.g., mobile team setup time, on-grid electricity, wastage rate, expected uptake</td>
<td>Assumptions are prefilled, but users encouraged to review and edit</td>
</tr>
<tr>
<td><strong>No normative target population, users must specify this:</strong>&lt;br&gt;e.g., percent of health workers and essential workers, older person age cutoff, etc.</td>
<td>Normative target population predefined, but users encouraged to review and edit according to NDVP</td>
</tr>
<tr>
<td><strong>No normative vaccine supply, users must specify this:</strong>&lt;br&gt;e.g., vaccine doses available</td>
<td>Assumptions of vaccine supply prefilled, but users encouraged to review and edit</td>
</tr>
<tr>
<td><strong>Users must fill in unit costs:</strong>&lt;br&gt;e.g., per diems, transportation, etc.</td>
<td>Prefilled unit costs based aligned with global estimates</td>
</tr>
</tbody>
</table>
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Default Settings and Required Settings

• Standardized population, e.g.,
  • 1.0% health workers
  • 1.8% essential workers
  • Age 55+ and 4% comorbidities
  • 10% rural/remote outreach

• Delivery parameters, e.g.,
  • AZD1222, Covax assumptions
  • Vaccine wastage 10%
  • Expected uptake 80-95%

• Unit costs–tuned to global estimates, e.g.,
  • $1.39 per diem outreach
  • $0.49 transport outreach

Bare minimum settings required

• [A2.1] Country name + currency
• [A2.3] Distribution and service points (row 190-194)
  • Provinces + districts
  • Fixed sites
  • Campaigns sites
  • Outreach sites

• Demand – supply matching, adjust:
  • Population, prioritization [B1.2], or supply parameters

To start the CVIC EZ tool with filling in 7 cells in deep orange
Rapid initial cost estimates

This is just a start

- Tuned to approximate global costing estimates but each country context is different

→ Use this as a starting point for an engagement on costing NOT as the finalized costing estimate