SDG – DIAGNOSTIC TOOLS AND RESULTS

TECHNICAL EXPERT: Mr. DAVAASUREN.CH
OUTLINE

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  • Baseline status index approach
• Diagnostic tools and results - the SDGs in Mongolia
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  • Dashboard of SDG Targets
METHODOLOGICAL BACKGROUND AND ASPECTS

STARTING POINT
Y2000

CURRENT POSITION
Y2015

TARGET
Y2030

Millennium Development Goals (MDGs) 2000-2015

1. ERADICATE EXTREME POVERTY AND HUNGER
2. ACHIEVE UNIVERSAL PRIMARY EDUCATION
3. PROMOTE GENDER EQUALITY AND EMPOWER WOMEN
4. REDUCE CHILD MORTALITY
5. IMPROVE MATERNAL HEALTH
6. COMBAT HIV/AIDS, MALARIA AND OTHER DISEASES
7. ENSURE ENVIRONMENTAL SUSTAINABILITY
8. A GLOBAL PARTNERSHIP FOR DEVELOPMENT
9. PROMOTED INNOVATION AND INFRASTRUCTURE
10. REDUCE POVERTY
11. SUSTAINABLE CITIES AND COMMUNITIES
12. RESPOSIBLE CONSUMPTION AND PRODUCTION

1. NO POVERTY
2. NO HUNGER
3. GOOD HEALTH
4. QUALITY EDUCATION
5. GENDER EQUALITY
6. CLEAN WATER AND SANITATION
7. SUSTAINABLE ECONOMIC GROWTH
8. EQUITABLE JOBS AND ECONOMIC GROWTH
9. INNOVATION AND INFRASTRUCTURE
10. REDUCED INEQUALITY
11. SUSTAINABLE CITIES AND COMMUNITIES
12. RESPONSIBLE CONSUMPTION AND PRODUCTION
13. CLIMATE ACTION
14. LIFE ON LAND
15. LIFE ON LAND
16. PEACE AND JUSTICE
17. PARTNERSHIP FOR THE GOALS

THE GLOBAL GOALS
A weighted extrapolation method for measuring the SDGs progress

Author:
Anma Bechchik Nia
Statistician, ESCAP-Statistics Division

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Tracking progress towards the SDGs: measuring the otherwise ambiguous progress

Author:
Anma Bechchik Nia
Statistician, ESCAP-Statistics Division

Technical Editor:
Magnes Getzner
Director, ESCAP-Statistics Division

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METHODOLOGICAL BACKGROUND AND ASPECTS
DATA COMPILATION

80 indicators derived

No data
Only one observation
Substituted by comparison indicators

67 indicators used for the estimation
## TARGET SETTING

<table>
<thead>
<tr>
<th>Target type</th>
<th>Example</th>
<th>Target indicator</th>
<th>Target value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Implicit</td>
<td>1.1 By 2030, eradicate extreme poverty for all people everywhere</td>
<td>1.1.1 Proportion of population below the international poverty line</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td>6.2 By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation</td>
<td>6.2.1 Proportion of population using safely managed sanitation services</td>
<td>100%</td>
</tr>
<tr>
<td>Explicit</td>
<td>1.2 By 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions</td>
<td>1.2.1 Proportion of population living below the national poverty line</td>
<td>10.8 (from 2014, 21.6/2)</td>
</tr>
<tr>
<td></td>
<td>3.4 By 2030, reduce by one third premature mortality from non-communicable diseases</td>
<td>3.4.2 Suicide mortality rate</td>
<td>18.9 (from 2015, 28.3-28.3/3)</td>
</tr>
<tr>
<td>Desirable direction of change</td>
<td>Target value for Asia-Pacific region</td>
<td>8.4 Improve progressively, through 2030, global resource efficiency in consumption and production 8.4.1 Domestic material consumption per GDP (Kg per 1 US dollar)</td>
<td>1.1 (SDG Baseline Report UNESCAP)</td>
</tr>
<tr>
<td></td>
<td>Sustainable Development Vision (SDV) of Mongolia</td>
<td>7.2 By 2030, increase substantially the share of renewable energy in the global energy mix 7.2.1 Renewable energy share in the total final energy consumption</td>
<td>30.0% (SDV: 2.1.5 Target 2)</td>
</tr>
<tr>
<td></td>
<td>Estimated using &quot;Champion Area&quot; Approach and Asia-Pacific regional data</td>
<td>8.5 By 2030, achieve full and productive employment and decent work for all 8.5.2 Unemployment rate, by sex, age and persons with disabilities</td>
<td>7.2 (&quot;Champion Area&quot; Approach and Asia-Pacific regional data)</td>
</tr>
</tbody>
</table>
TRACKING PROGRESS

Baseline status: Mongolia in 2017
• Where did Mongolia stand in 2017?
• How much unfinished work was left in 2017?

Anticipated progress: Mongolia in 2030
• To what extent is Mongolia projected to achieve the various SDG targets in 2030?
• Which are some of the SDG target areas which Mongolia needs to prioritize additional efforts in order to achieve the ambitions of the 2030 Agenda?
**Tracking Progress**

**Progress Index**

\[ I_{cr}^N = 10 - \left( \frac{|I_{cr} - I_0|}{TV - I_0} \times 10 \right) \]

**Anticipated Progress – Progress Gap**

\[ P = \frac{|TV - I_{target}|}{|TV - I_{base}|} \times 100 \]

- \( P \leq 10 \) (Will meet the target with current rate or minor extra effort)
- \( 10 < P < 100 \) (Need to enhance the current rate of progress to achieve the target)
- \( P \geq 100 \) (Regression or no progress expected)

**Weighted Geometric Mean**

The predicted value for indicator \( i \) at year \( t_{n+a} \) is estimated as:

\[ \hat{i}_{WGM} = I_n \times \left( \prod_{i=2}^{n} \frac{I_i}{I_{i-1}} \right)^{\frac{a}{W}} \]

Where \( W = \sum w_i \).
Mongolia made a great progress in achieving SDG 2, in particular, between 2000 and 2017 on Zero Hunger.

In nine goal areas some progress has been achieved between 2000 and 2017.

The situation in the country reversed to negative trend in four goal areas, namely on: decent work and equitable economic growth (SDG 8); reduced inequality (SDG 10); responsible consumption and production (SDG 12); and life on land (SDG 15).

A lack of sufficient data has limited progress assessment towards the goals.
Sizing Progress Gaps: Magnitude of Extra Efforts Required Across Target Areas
Sizing Regression Gaps: Magnitude of Extra Efforts Required Across Target Areas
Dashboard of SDG targets: How far will Mongolia be from achieving the SDGs?

<table>
<thead>
<tr>
<th>GOAL</th>
<th>Target area</th>
</tr>
</thead>
<tbody>
<tr>
<td>GOAL 1</td>
<td>International poverty</td>
</tr>
<tr>
<td>GOAL 2</td>
<td>Undernourishment and extreme poverty</td>
</tr>
<tr>
<td>GOAL 3</td>
<td>Maternal mortality ratio</td>
</tr>
<tr>
<td>GOAL 4</td>
<td>Organized learning before primary</td>
</tr>
<tr>
<td>GOAL 5</td>
<td>Women in national parliament</td>
</tr>
<tr>
<td>GOAL 6</td>
<td>Basic sanitation facilities</td>
</tr>
<tr>
<td>GOAL 7</td>
<td>Access to electricity</td>
</tr>
<tr>
<td>GOAL 8</td>
<td>Annual growth rate of real GDP per worker</td>
</tr>
<tr>
<td>GOAL 9</td>
<td>Manufacturing value added</td>
</tr>
<tr>
<td>GOAL 10</td>
<td>FDI inflows</td>
</tr>
<tr>
<td>GOAL 11</td>
<td>Total people served</td>
</tr>
<tr>
<td>GOAL 12</td>
<td>Water footprint per GDP</td>
</tr>
<tr>
<td>GOAL 13</td>
<td>CO2 emissions per GDP</td>
</tr>
<tr>
<td>GOAL 14</td>
<td>Number of commercial bank branches</td>
</tr>
<tr>
<td>GOAL 15</td>
<td>Forest area</td>
</tr>
<tr>
<td>GOAL 16</td>
<td>Subnational tax revenue</td>
</tr>
<tr>
<td>GOAL 17</td>
<td>Total general government revenue</td>
</tr>
</tbody>
</table>

Legend:
- Current rate of progress needs to be MAINTAINED to meet the target
- Need to ACCELERATE the current rate of progress to meet the target
- Current trend needs to be REVERSED to meet the target
THANK YOU FOR YOUR ATTENTION