Demographic Dividend Monitoring Index *and* Institutionalisation of National Observatory in Nigeria

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ONE-DAY VIRTUAL WORKSHOP FOR UNFPA STAFF

Outline

1. Introduction
2. Methodology of the Index
3. The Result and Dashboard
4. Structure of the National Observatory
5. Conclusion

Introduction

DDMI is M & E framework computed to directly

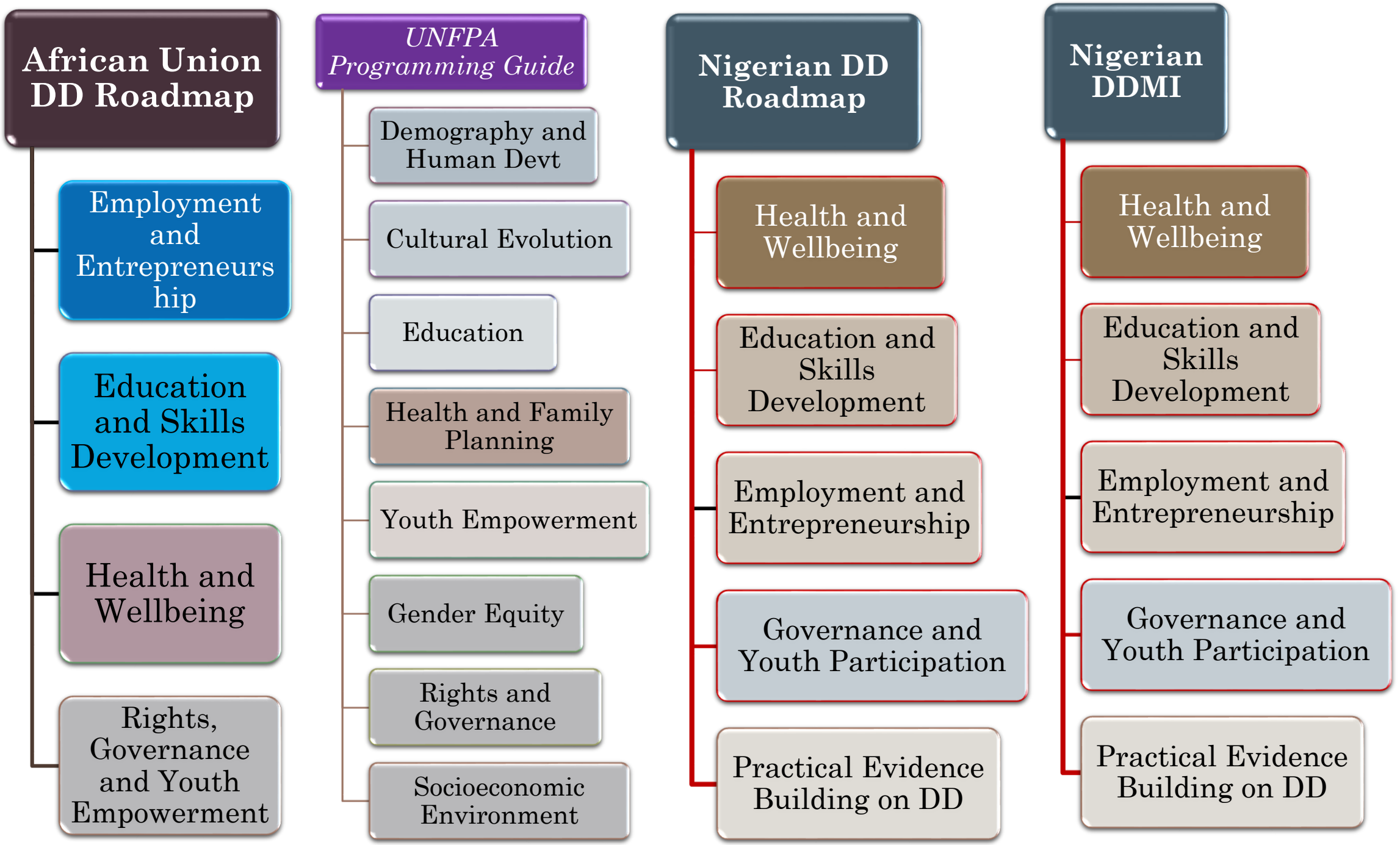
- monitors the thematic pillars of the national roadmap.
- provides a performance matrix to identify areas of strengths and areas for rigorous policy attention.
- tracks the progress made towards creating and harnessing the DD.
- reinforces the country's efforts towards achieving the:
  - ✓ **3 zeros of UNFPA** (2030);
  - ✓ AU Agenda (2063)
  - ✓ Global Agenda (2030- SDGs).

Roadmap

- Thematic Pillars
- Investment Options
- Key Activities

Monitoring Index

- Dimensions
- Domains
- Subdomains
- Indicators

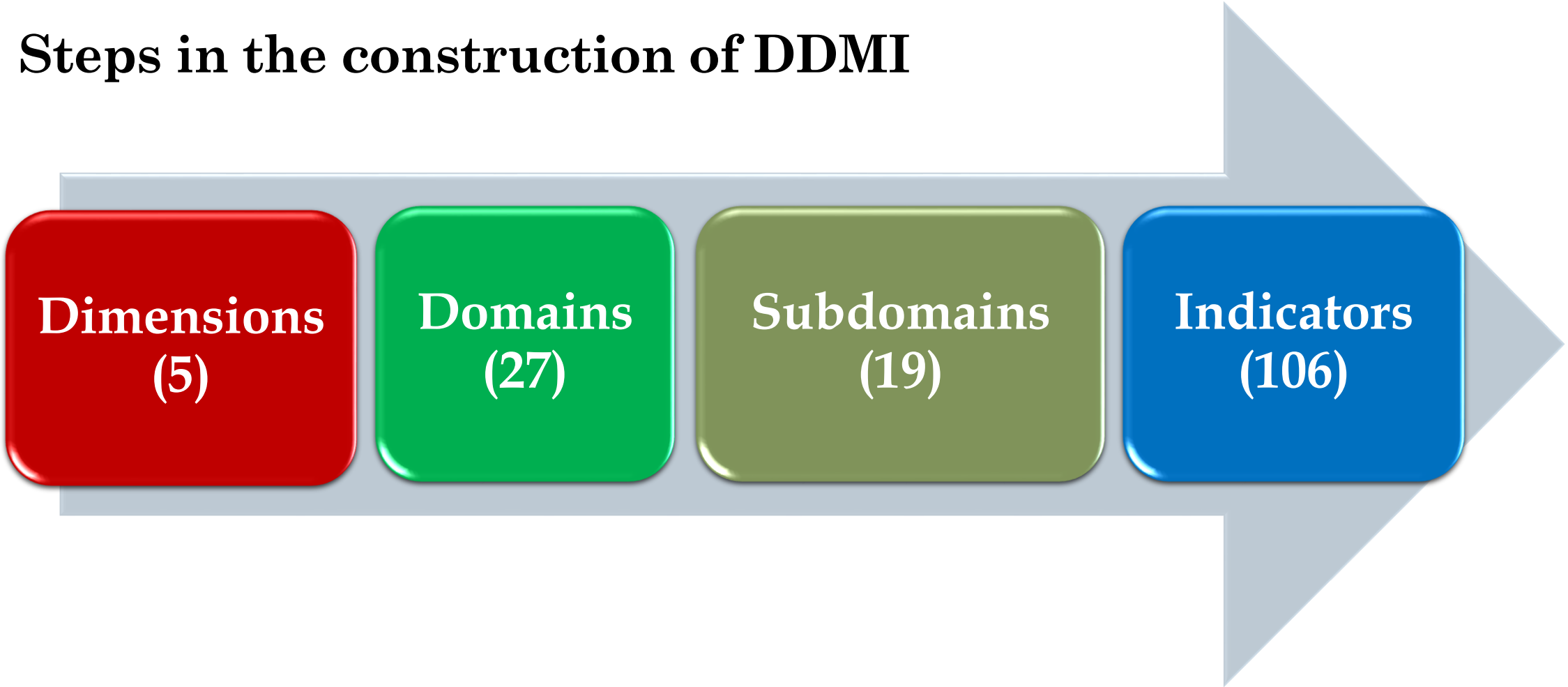

African Union DD Roadmap
Employment and Entrepreneurship
Education and Skills Development
Health and Wellbeing
Rights, Governance and Youth Empowerment
UNFPA Programming Guide
Demography and Human Devt
Cultural Evolution
Education
Health and Family Planning
Youth Empowerment
Gender Equity
Rights and Governance
Socioeconomic Environment
Nigerian DD Roadmap
Health and Wellbeing
Education and Skills Development
Employment and Entrepreneurship
Governance and Youth Participation
Practical Evidence Building on DD
Nigerian DDMI
Health and Wellbeing
Education and Skills Development
Employment and Entrepreneurship
Governance and Youth Participation
Practical Evidence Building on DD

Domains and Subdomains

Aggregation of signature indicators used to track progress in the implementation of the DD activities

Methodology of the Index

Steps in the construction of DDMI



Methodology of the Index

S/N	Dimension	Domain	Indicators
1	Health and wellbeing	7	30
2	Education and Skill Development	4	29
3	Employment and Entrepreneurship	6	16
4	Governance and Youth Participation	5	20
5	Practical Evidence-Building on DD	5	11
	Total	**27**	**106**

The Weight

Dimensions, Domains, Subdomains and Indicators were selected given their:

- *relative importance in DD achievement*
- *peculiarity to the entity context*
- *closeness to the Agenda 2030 and 2063*

and assigned differential weights

Dimension	1	2	3	4	5	Total
Weight	**28**	**22**	**35**	**10**	**5**	**100**

The Dimensions and Domains

1. Health and wellbeing

Domain	No of Indicators (Weight)
Child Health	5 (5)
Reproductive Health	5 (7)
Adult Health	3 (2)
Health Finance	5 (4)
Nutrition	6 (4)
Water and Sanitation	3 (3)
Housing	3 (3)
Total	30 (28)

The Dimensions and Domains

2. Education and Skills Development

Domain	No of Indicators (Weight)
Education Access	14 (8)
Education Quality	9 (7)
Education Finance	4 (4)
Skill Development	2 (3)
Total	29 (22)

The Dimensions and Domains

3. Employment and Entrepreneurship

Domain	No of Indicators (Weight)
Total Employment	4 (6)
Economic Dependency	1 (20)
Poverty Reduction	2 (3)
Social Protection	3 (2)
Equality	2 (2)
Entrepreneurship	4 (2)
Total	16 (35)

The Dimensions and Domains

4. Governance and Youth Participation

Domain	No of Indicators (Weight)
Public Accountability Mechanism	4 (2)
Control of Corruption	4 (2)
Security	5 (2)
Control of Gender-based Violence	4 (1)
Youth Participation	3 (3)
Total	20 (10)

The Dimensions and Domains

5. Practical Evidence-Building on DD

Domain	No of Indicators (Weight)
Awareness of DD	1 (0.25)
DD Roadmap	2 (0.75)
DD Profile (Data, Estimation and Report)	4 (2)
DD Compliant Budgeting	2 (1)
DDMI & Observatory	2 (1)
Total	20 (5)

The Scores and Normalised Scores

- Each indicator has its score and a standard unit of measurement
- To remove outlier effects, indicator scores were transformed differently through:
  - original unit of measurement; or
  - available benchmarks or comparable global/national/zonal minimum and maximum scores.
- Negative scales (mortality, stunting, Out of Sch) were remeasured on the positive scale (subtracted from 1).
- Scores were normalized to a common unit by dividing it by respective units of measurement.

The Weighted Score and Index

Normalised Score

Score / Measurement Unit

Weighted Score

Normalised Score * Weight

Index

(Weighted Score / Weight) *100

Index range from worst (0) to best (100)

Classification of the Performance of the Index

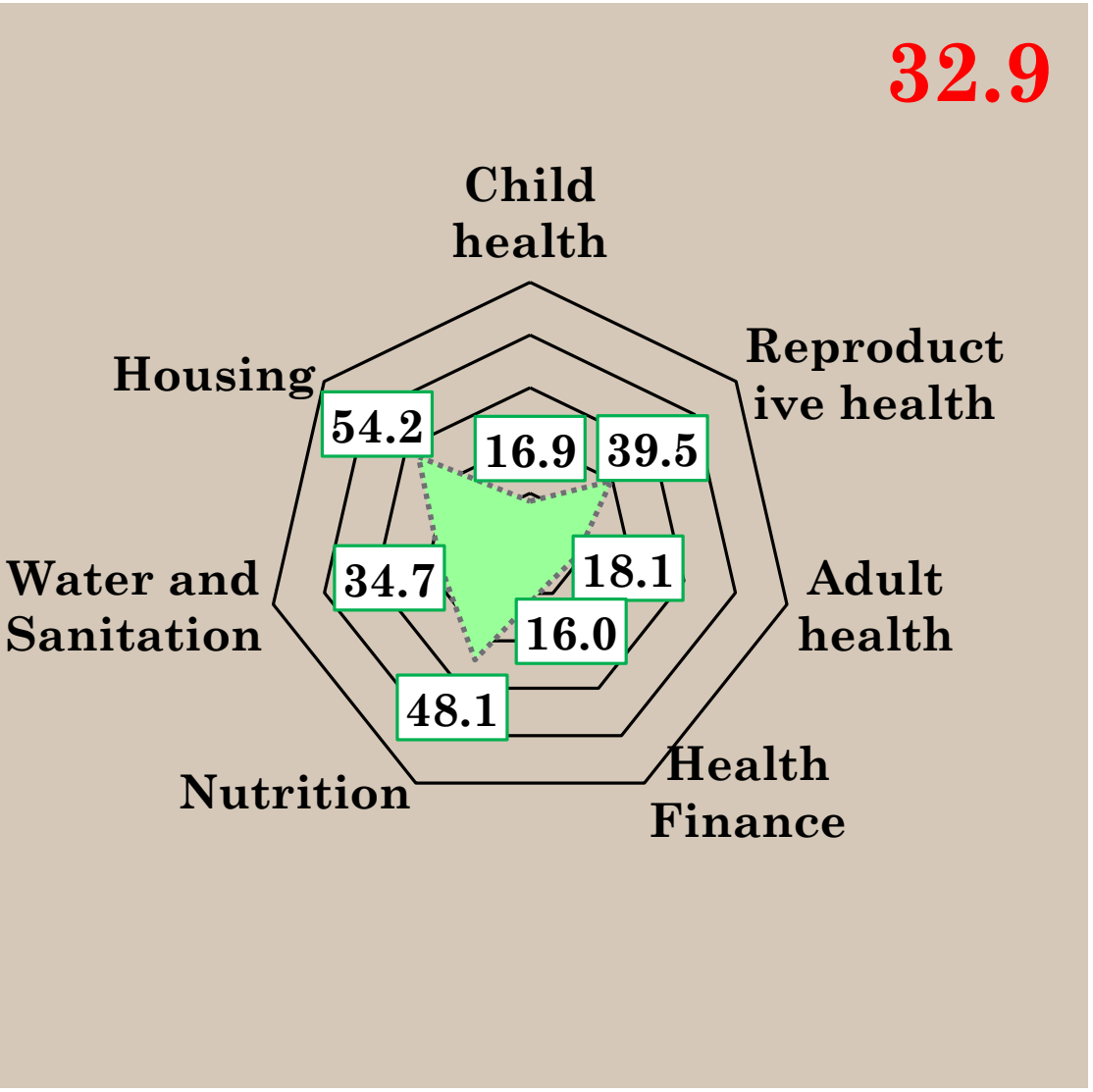
Index Score	Performance	Dashboard Colour
81 - 100	Optimal progress	
61 - 80	Good progress	
41 - 60	Average progress (intervention needs to be scaled up)	
21 - 40	Deficient (Intervention required)	
0 - 20	Critically Deficient (Serious Intervention required)	

Data and Sources

- Domestic (national surveys and reports) and international databases for 2016.
- Sources are publicly available and easily accessible (DHS, Digest of Education Statistics, WASH-NORM – NBS, CBN, Worldbank, etc)
- Selected indicators were validated within the National Transfer Accounts Global Network.

The Results

Health and Wellbeing



Child health	16.9
Reproductive health	39.5
Adult health	18.1
Health Finance	16.0
Nutrition	48.1
Water and Sanitation	34.7
Housing	54.2
Health and Wellbeing	**32.9**

Deficient

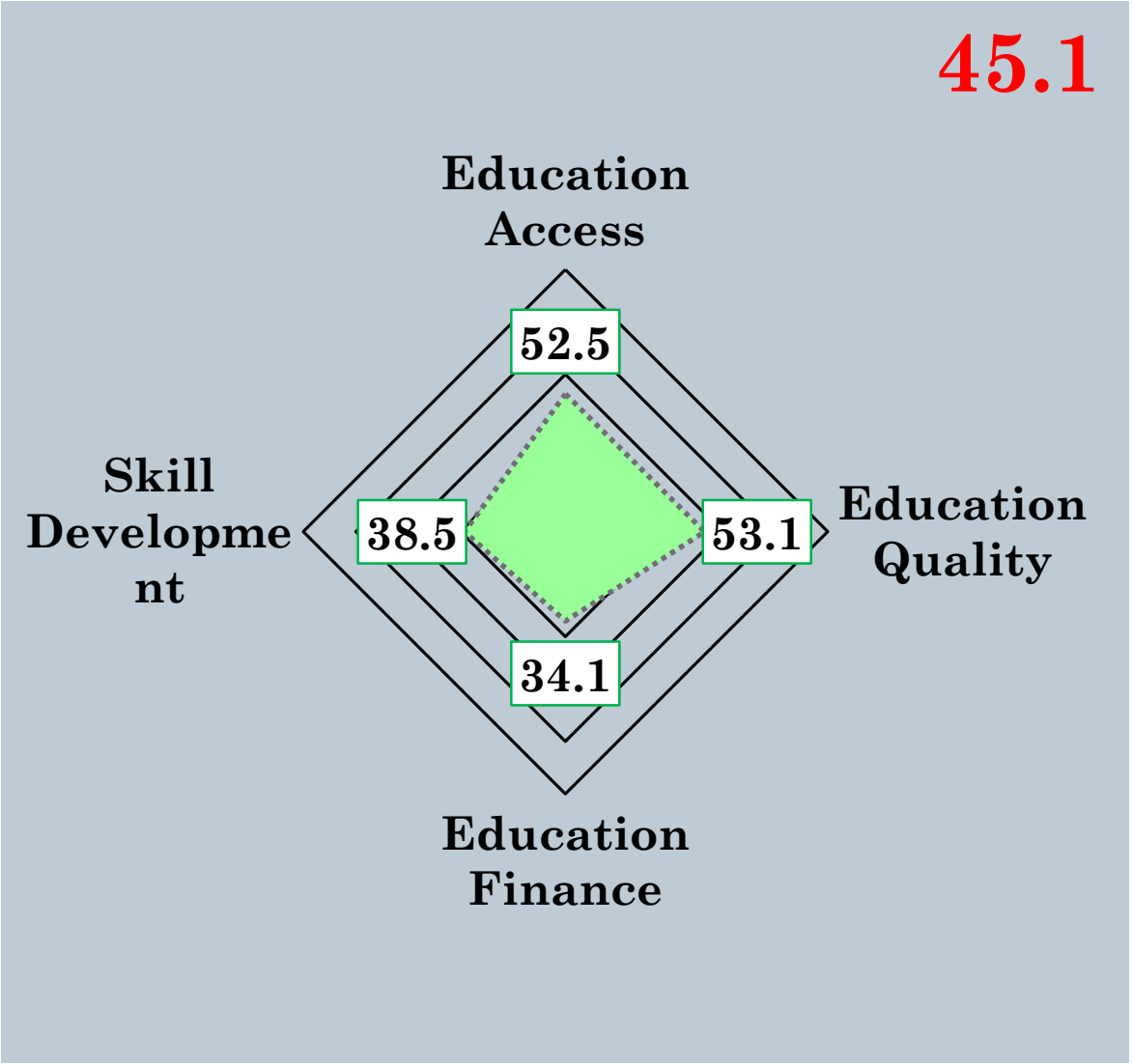
The Results

Health and Wellbeing

Summary	
1	Optimal Progress
3	Good Progress
4	Average Progress
10	Deficient
12	Critically Deficient
30	**Total Indicators**
4	**Number of Good Progress and Above**
13.3%	**Proportion of Good Progress and Above**

The Results

Education and Skill Development



Education Access	52.5
Education Quality	53.1
Education Finance	34.1
Skill Development	38.5
Education and Skill Development	**45.1**

Average

The Results

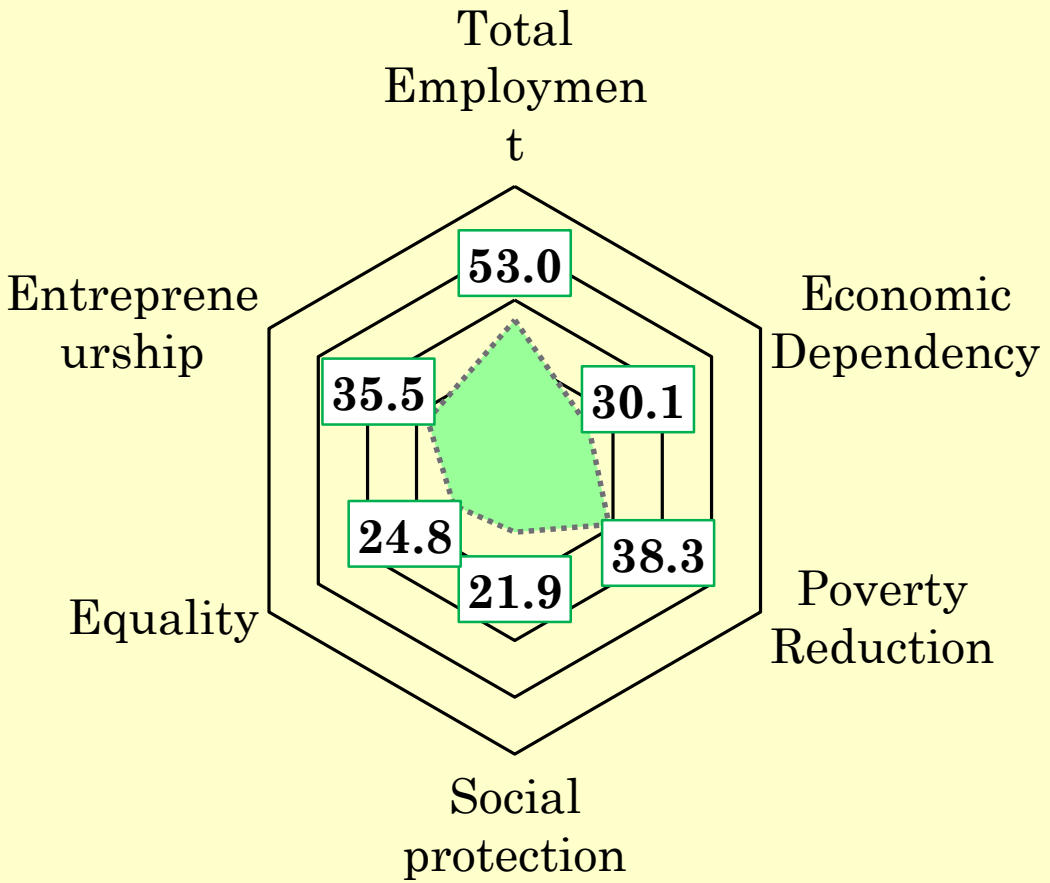
Education and Skill Development

Summary	
5	Optimal Progress
4	Good Progress
7	Average Progress
9	Deficient
4	Critically Deficient
29	**Total Indicators**
9	**Number of Good Progress and Above**
31.0%	**Proportion of Good Progress and Above**

The Results

Employment and Entrepreneurship

34.2



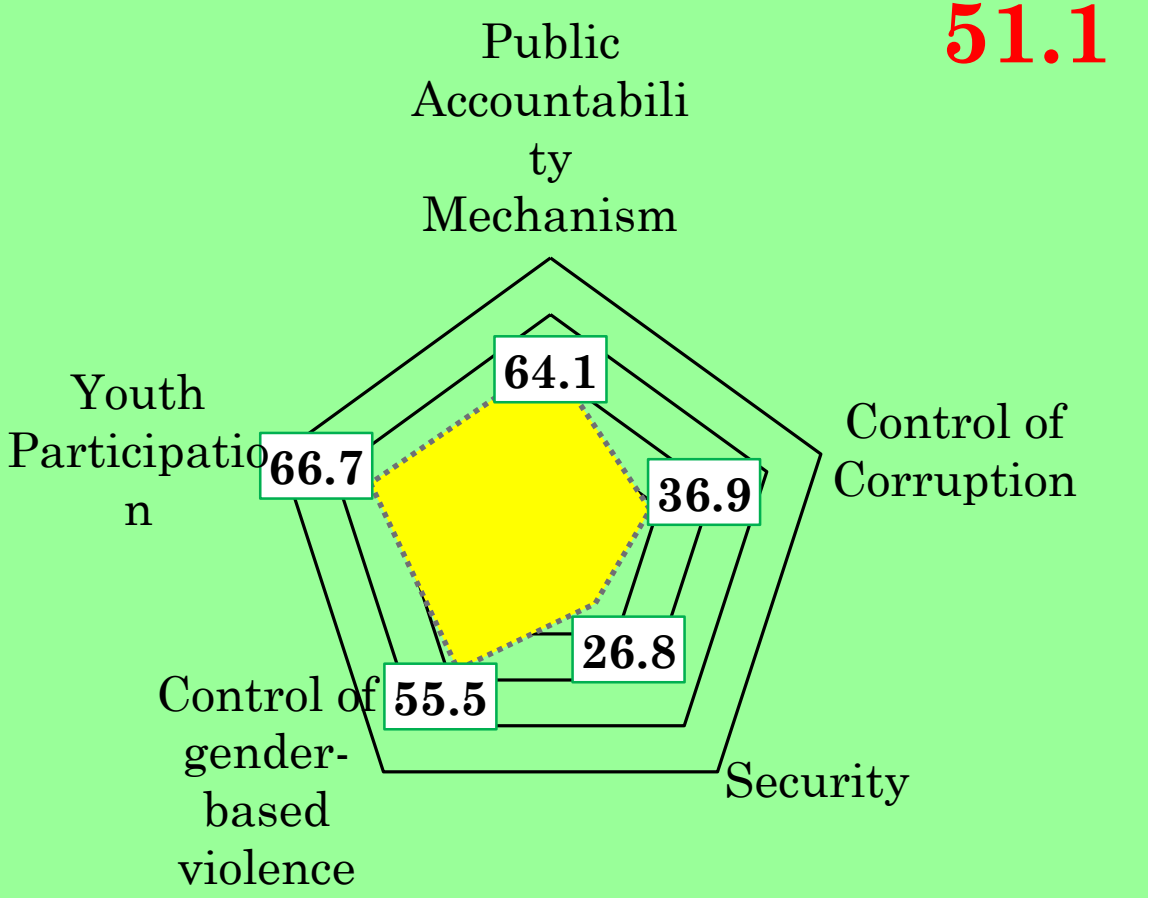
Total Employment	53.0
Economic Dependen	30.1
Poverty Reduction	38.3
Social protection	21.9
Equality	24.8
Entrepreneurship	35.5
Employment and Entrepreneurship	**34.2**

Deficient

The Results Employment and Entrepreneurship

Summary	
1	Optimal Progress
3	Good Progress
4	Average Progress
3	Deficient
5	Critically Deficient
16	**Total Indicators**
4	**Number of Good Progress and Above**
25.0%	**Proportion of Good Progress and Above**

The Results Governance and Youth Participation



Public Accountability Mechanism	64.1
Control of Corruption	36.9
Security	26.8
Control of gender-based violence	55.5
Youth Participation	66.7
Governance and Youth Participation	51.1

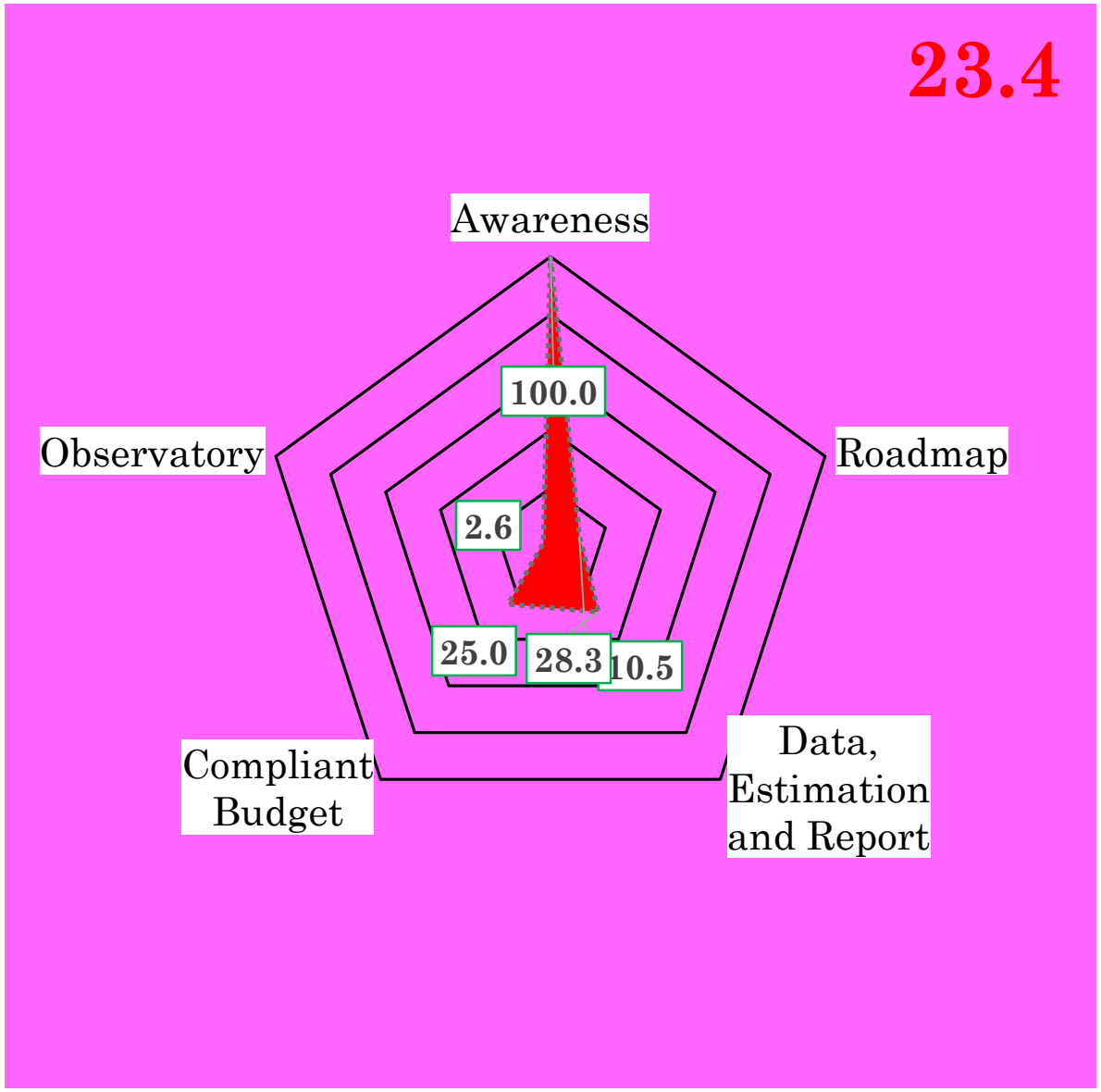
Average

The Results Governance and Youth Participation

Summary	
5	Optimal Progress
2	Good Progress
7	Average Progress
1	Deficient
5	Critically Deficient
20	**Total Indicators**
7	**Number of Good Progress and Above**
35.0%	**Proportion of Good Progress and Above**

The Results

PRACTICAL EVIDENCE BUILDING ON DD



Awareness	100.0
Roadmap	10.5
Data, Estimation and Report	28.3
Compliant Budget	25.0
Observatory	2.6
Practical Evidence-Building	**23.4**

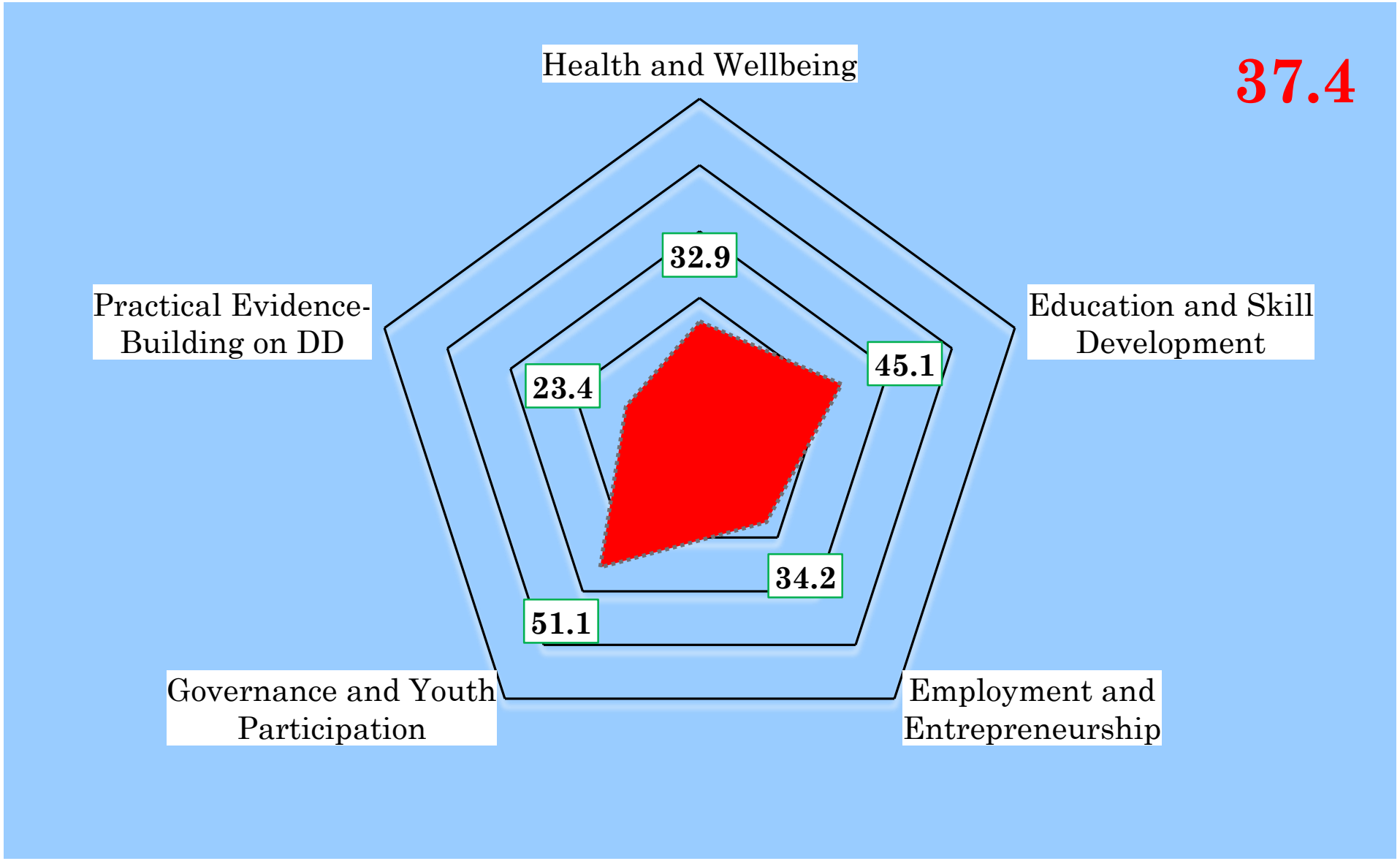
Deficient

The Results PRACTICAL EVIDENCE BUILDING ON DD

Summary	
2	Optimal Progress
0	Good Progress
1	Average Progress
0	Deficient
8	Critically Deficient
11	**Total Indicators**
2	**Number of Good Progress and Above**
18.2%	**Proportion of Good Progress and Above**

The Results

DEMOGRAPHIC DIVIDEND



Summarised Dashboard

Health		Education		Economy		Governance		Evidence Building	
Child Health	.	Access		Employment	.	Public Accountability Mechanism		Awareness	
Reproductive Health	.	Quality		Economic Dependency	.	Control of Corruption		Roadmap	.
Adult Health	.	Education Finance	.	Poverty Reduction	.	Security		Data, Estimation and Report	.
Health Finance	.	Skill Development	.	Social Protection	.	Control of gender-based violence		Compliant Budget	.
Nutrition				Equality	.	Youth Participation		Observatory	.
Water and Sanitation	.			Entrepreneurship	.				
Housing	.								
Health Dimension	.	**Education Dimension**		**Economy Dimension**	.	**Governance Dimension**		**Evidence Building Dimension**	.

Three Zeros of UNFPA

3 - Zeros		Index	Remark
1	Proportion of demand for family planning satisfied	48.5	Average Progress
2	Maternal Mortality	19.7	Critically Deficient
3	Out of Child Labour	75.0	Good Progress
	Availability of Child Right Act	69.4	Good Progress
	Sexual violence	61.9	Good Progress
	Physical violence	53.9	Average Progress
	Emotional / Psychological violence	53.5	Average Progress
	Genital Mutilation	52.5	Average Progress

The Structure of the National Observatory

Domiciliation

Office of the Vice President (OVP)

National Committees

1. Steering Committee
2. Technical Committee (Implementation)
3. Technical Committee (Monitoring and Evaluation)

The Steering Committee:

- Provide overall coordination of activities
- Meets biannually to review implementation status and restrategise on the advice of the technical committee
- Membership include:
  - Vice President – Chair
  - Minister of Budget and National Planning – Deputy Chair
  - Chairman, National Population Commission
  - Senior Special Assistant to the President on SDGs (SSAP-SDG)
  - Minister of direct DD-related MDAs (Health, Education, Labour and Employment, Justice, Youth and Sport, Agriculture and Rural Development, Women Affairs and Social Development, Information and Culture; Communication; Trade and Investments; etc)
  - Statistician-General
  - UNFPA Representative

The Technical Committee (Implementation):

- Develop the detailed implementation plan containing activities, timeline for delivery and financing strategy
- Meets quarterly to document progress report of the planned activities.
- Reports to the Steering Committee
- Membership include:
  - Director General, National Population Commission – Chair
  - Permanent Secretary, Budget and National Planning – Deputy Chair
  - Desk Officers of direct DD-related MDAs
  - HPTRP Representatives

The Technical Committee (M & E):

- Monitor the signature indicators for tracking progress in the implementation of the DD activities
- Coordinate and report on progress in the implementation of the DD activities using the timeline targets set by Implementation Committee
- Reports to the Steering Committee
- Membership include:
  - Permanent Secretary, Budget and National Planning – Chair
  - Director General, National Population Commission – Deputy Chair
  - M & E Desk Officers of direct DD-related MDAs
  - HPTRP Representatives

Conclusion

S/N	Dimension	Indicators	%
1	Optimal Progress	14	*13.2*
2	Good Progress	12	*11.3*
3	Average Progress	23	*21.7*
4	Deficient	23	*21.7*
5	Critically Deficient	34	*32.1*
	Total	**106**	

Dimension	Weight	Index	Remark
Health and Wellbeing	28	**32.9**	Deficient
Education and Skill Development	22	**45.1**	Average Progress
Employment and Entrepreneurship	35	**34.2**	Deficient
Governance and Youth Participation	10	**51.1**	Average Progress
Practical Evidence-Building on DD	5	**23.4**	Deficient
DDMI	**100**	**37.4**	Deficient

Thanks for listening...