

Guide on Poverty Measurement



Contents

List of Tables	viii
List of Figures	ix
List of Boxes	x
1 Introduction	1
1.1 Why this Guide?.....	1
1.2 Objective of the Guide.....	2
1.3 Outline of the Guide	2
1.4 Why measure poverty? How is it measured today?	3
1.5 Poverty and the Millennium Development Goals	5
1.6 Monitoring the Sustainable Development Goals	6
1.7 International comparability—key to successful policies	8
2 Conceptual Background	10
2.1 The concepts of poverty, inequality, and social exclusion	10
2.2 The evolution of poverty measurement.....	11
2.2.1 Physical subsistence.....	11
2.2.2 Basic needs.....	12
2.2.3 Relative deprivation	12
2.2.4 Wealth.....	14
2.2.5 Time poverty	14
2.2.6 Multidimensional poverty.....	16
2.3 Methodological choices.....	18
2.4 Measurement issues.....	20
2.4.1 Non-coverage.....	20
2.4.2 Disaggregation	20
2.4.3 Equivalence scales	20
2.4.4 Poverty dynamics.....	21
2.4.5 Reporting on poverty and inequality.....	21
2.4.6 Measuring non-monetary poverty	24
3 Monetary Poverty	25
3.1 Concepts and methods	25
3.1.1 Introduction	25
3.1.2 Unit of observation	26
3.1.3 Unit of analysis.....	27
3.1.4 Household definition	27
3.1.5 Population coverage	28
3.1.6 Disaggregation	32
3.2 Welfare measures.....	34
3.2.1 Income concepts and definitions.....	34

3.2.2	Advantages and disadvantages of income as a poverty measure.....	37
3.2.3	Data sources for household income.....	39
3.2.4	Consumption expenditure: concepts and definitions.....	42
3.2.5	Consumption expenditure: advantages and disadvantages.....	43
3.2.6	Data sources for consumption expenditure.....	45
3.2.7	Using multiple welfare measures.....	46
3.2.8	Key measurement issues.....	49
3.2.9	Wealth.....	59
3.3	Setting a poverty line.....	61
3.3.1	Absolute and relative poverty lines.....	61
3.3.2	Absolute poverty lines.....	62
3.3.3	Relative Poverty Lines.....	70
3.3.4	Key issues.....	76
3.4	Poverty indicators.....	83
3.4.1	Overview.....	83
3.4.2	Static measures.....	84
3.4.3	Dynamic measures.....	89
3.5	Improving international comparability: Regional indicators and metadata.....	93
3.5.1	Poverty and the SDGs.....	93
3.5.2	Monetary poverty indicators for CES countries.....	94
3.5.3	Metadata considerations.....	95
3.6	Summary of recommendations.....	97
3.6.1	Unit of observation/analysis and population coverage.....	97
3.6.2	Disaggregation of data.....	97
3.6.3	Welfare measures.....	98
3.6.4	Poverty line.....	99
3.6.5	Indicators.....	100
3.6.6	Regional poverty measures.....	100
3.6.7	Metadata.....	100
4	Poverty Dashboards and the Material Deprivation Indices.....	102
4.1	Introduction.....	102
4.2	Processes and principles.....	102
4.3	Comparable dashboards.....	104
4.3.1	Requirements for comparable dashboards.....	104
4.3.2	Examples of comparable international dashboards: MDGs and SDGs.....	105
4.3.3	Example of dashboards in Europe.....	105
4.3.4	Assessments of comparable dashboards.....	107
4.4	Material deprivation indices.....	109
4.4.1	Requirements.....	110
4.4.2	Example: Material deprivation in Europe.....	110
4.4.3	Alternative material deprivation rate.....	113
4.4.4	Case study: English index of multiple deprivation.....	116
4.4.5	Assessment of material deprivation indices.....	119

4.5 Conclusion.....	120
5 Multidimensional Poverty Indices.....	121
5.1 Introduction	121
5.2 Overview	122
5.3 Requirements	123
5.4 Steps to build an MPI.....	124
5.4.1 Preliminary step	124
5.4.2 Identification of the poor.....	125
5.4.3 Aggregation.....	125
5.5 Key decisions.....	128
5.5.1 Unit of identification.....	128
5.5.2 Dimensions.....	128
5.5.3 Indicators and deprivation cut-offs	130
5.5.4 Weights	131
5.5.5 Poverty cut-off(s)	133
5.5.6 Should income be included in the MPI?	134
5.6 Case study: The OPHI/UNDP Global MPI.....	137
5.7 Case study: Colombia’s national MPI–Structure and policy applications	141
5.8 Case study: The Mexican MPI.....	144
5.9 Assessment of the MPI	145
5.9.1 Advantages of the MPI.....	145
5.9.2 Disadvantages	152
6 Challenges for the Future.....	154
6.1 Hard to reach populations.....	154
6.2 Imputed rent and housing cost	156
6.3 Social transfers in kind.....	156
6.4 Wealth.....	157
6.5 Comparable welfare aggregates.....	158
6.6 Comparability of multidimensional poverty measures	159
6.7 Individual level poverty measures.....	159
6.8 Spatial differences within countries with regard to consumption and income poverty.....	160
6.9 Subjective poverty	160
References.....	162
Annex I Goal 1 and Goal 10 poverty-related targets and indicators in the 2030 Agenda for Sustainable Development	176
Annex II Results of the UNECE survey on poverty measurement.....	179