

# Multidimensional Poverty Index in the Republic of Moldova

Workshop on Harmonization of Poverty Statistics to  
Measure SDG 1 and 10

Geneva, Switzerland, 27 November 2023



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SĂRĂCIE



# Data source – Household Budget Survey

## The main objectives of HBS

- i) measures of living standards,
- ii) consumption and income structure,
- iii) weights for consumer price index and
- iv) various estimates for the National Accounts.

What goods and services do households buy?



**Sample size** – 1051 households per month;

## ✓ Data collection method:

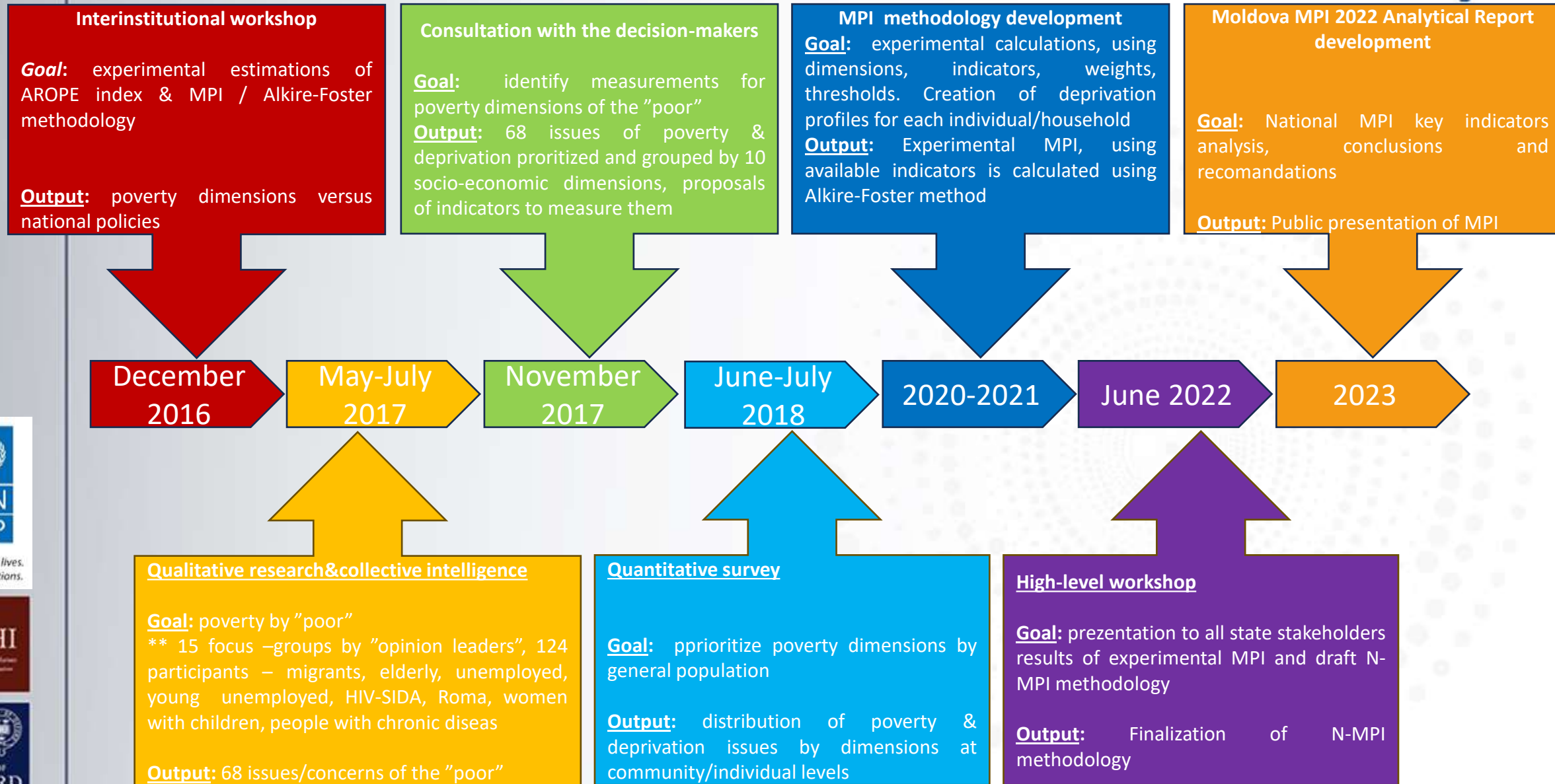
- paper based interview (face to face **interview** and self recording of diary)

## ✓ Survey tools:

- Household roster: socio and demographic characteristics, education, employment, housing, land, etc.
- Diary: income, expenditure (cash, in-kind)
- Participation form: reasons of non-responses and key variables about non-respondent



# Defining the National MPI (by data users & “poor”)



# Justification



- ◆ To increase access to health services (improve quality, etc.)

LAW No. 263/ 2005 regarding the patient's rights and responsibilities is aimed at strengthening the fundamental human rights in the health services system



- ◆ To promote education for adults throughout life
- ◆ Improve skills demand, match of education and labour market, access of youth to trainings, labour market, (participation, employment) and quality of employment (salary, formal participation).

Education code of the Republic of Moldova No. 152 of 07-17-2014



- ◆ Promote clean energy, to facilitate access to adequate heating
  - ◆ Facilitate and ensure access to public sewerage system
  - ◆ Enable households to live in a decent housing conditions
  - ◆ Enable households to live in dignity, in a decent house without severe overcrowding
  - ◆ Facilitate and ensure access to piped water inside home
- LAW No. 303/ 2013 regarding the public water supply and sewage service



- ◆ Improve access to labor markets (participation, employment) and quality of employment (salary, formal participation)
- ◆ Enhance quality of employment by improving status of employment, addressing unofficial employment

Law no. 105/2018 regarding the promotion of employment and unemployment insurance.

**GOVERNMENT ACTIVITY PROGRAM "Prosperous, safe, European Moldova"**

**The National Plan "Building European Moldova", 20 Government Actions**



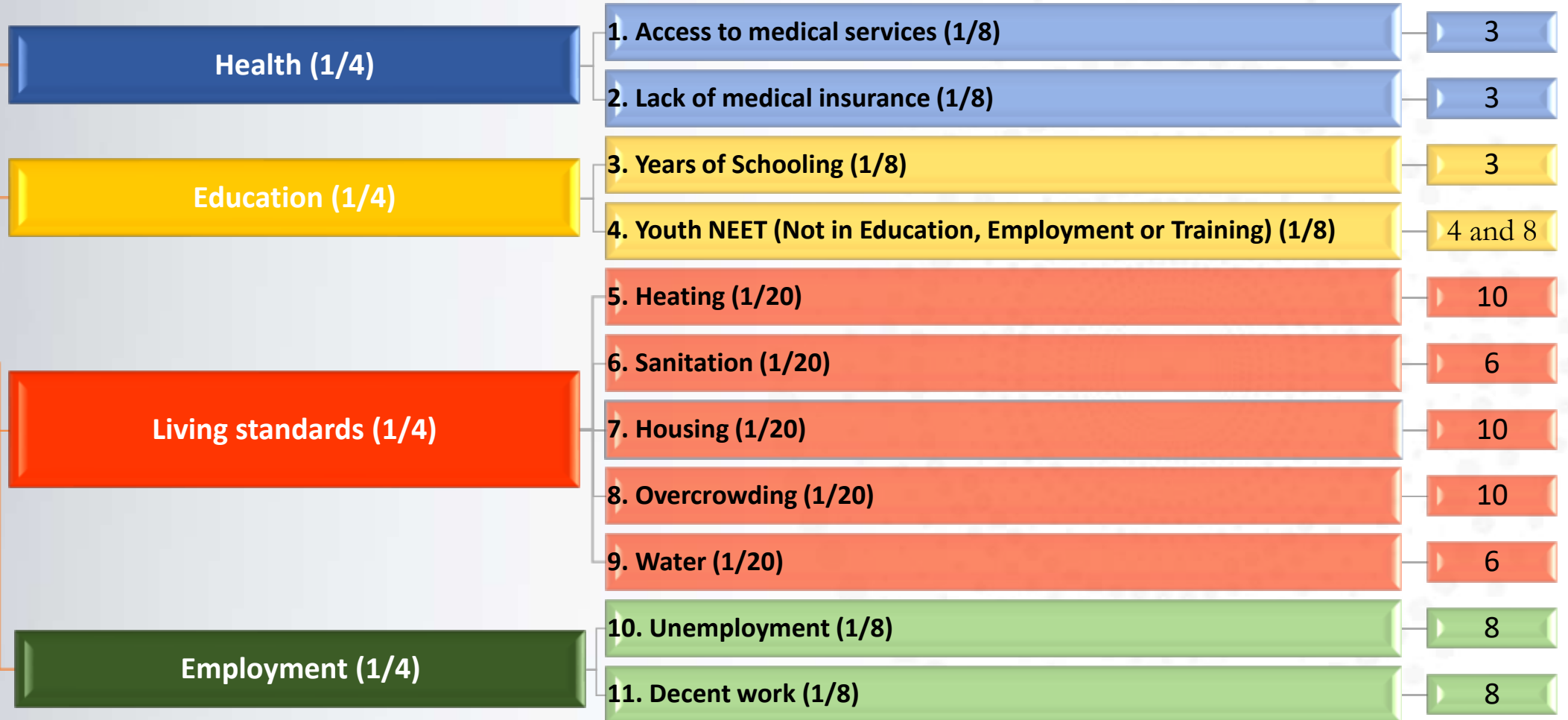
# Moldova National MPI (Dimensions, Indicators and Weights)

## Dimensions and Weights

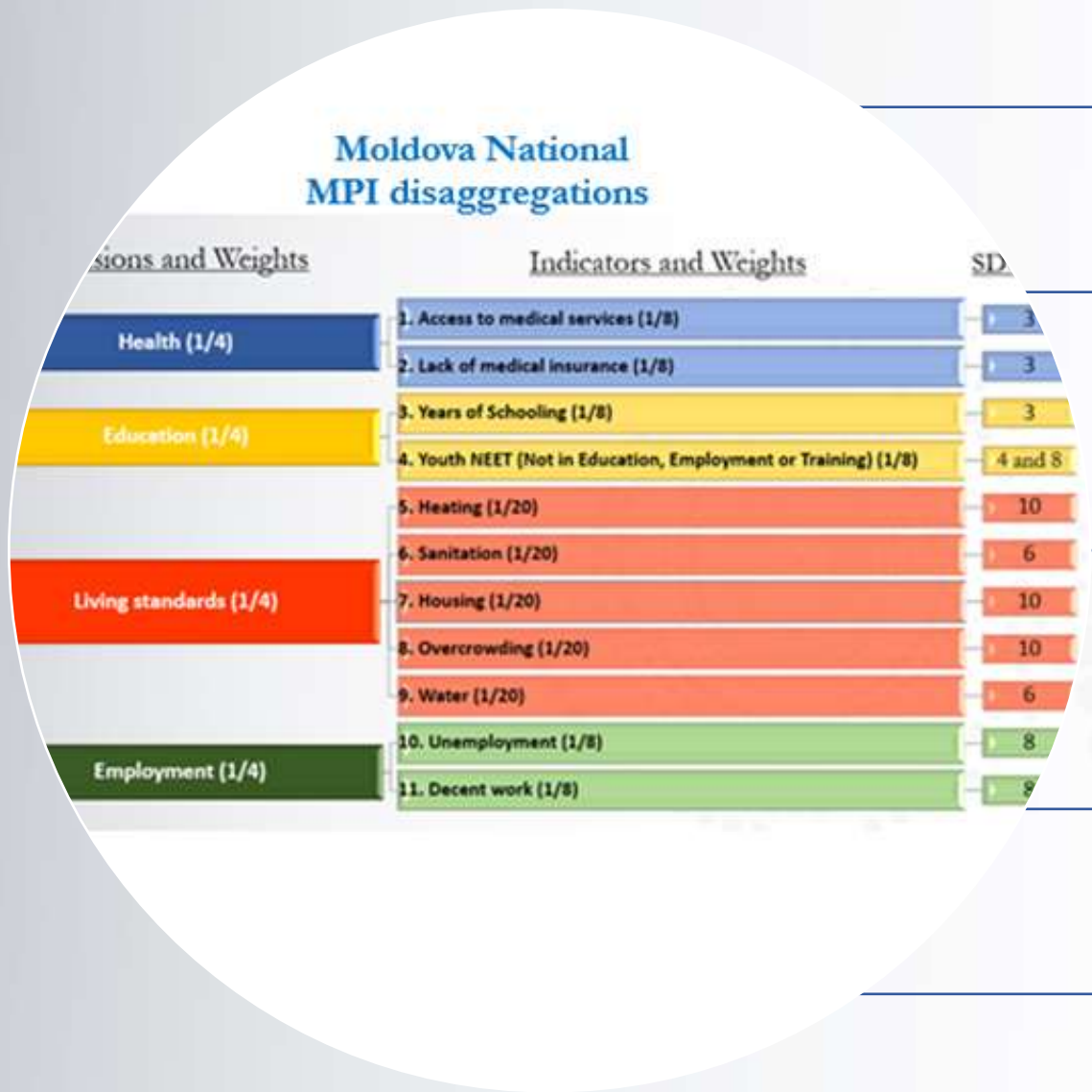
## Indicators and Weights

## SDG Area

4 dimensions of poverty



# Moldova National MPI disaggregation



Area of residence (urban, rural)



Statistical regions (North, Center, South, Chisinau municipality)



Sex of persons (men, women)



Age groups (0 - 17 years; 18 - 29 years; 30 - 39 years; 40 - 49 years; 50 - 59 years; 60+ years)



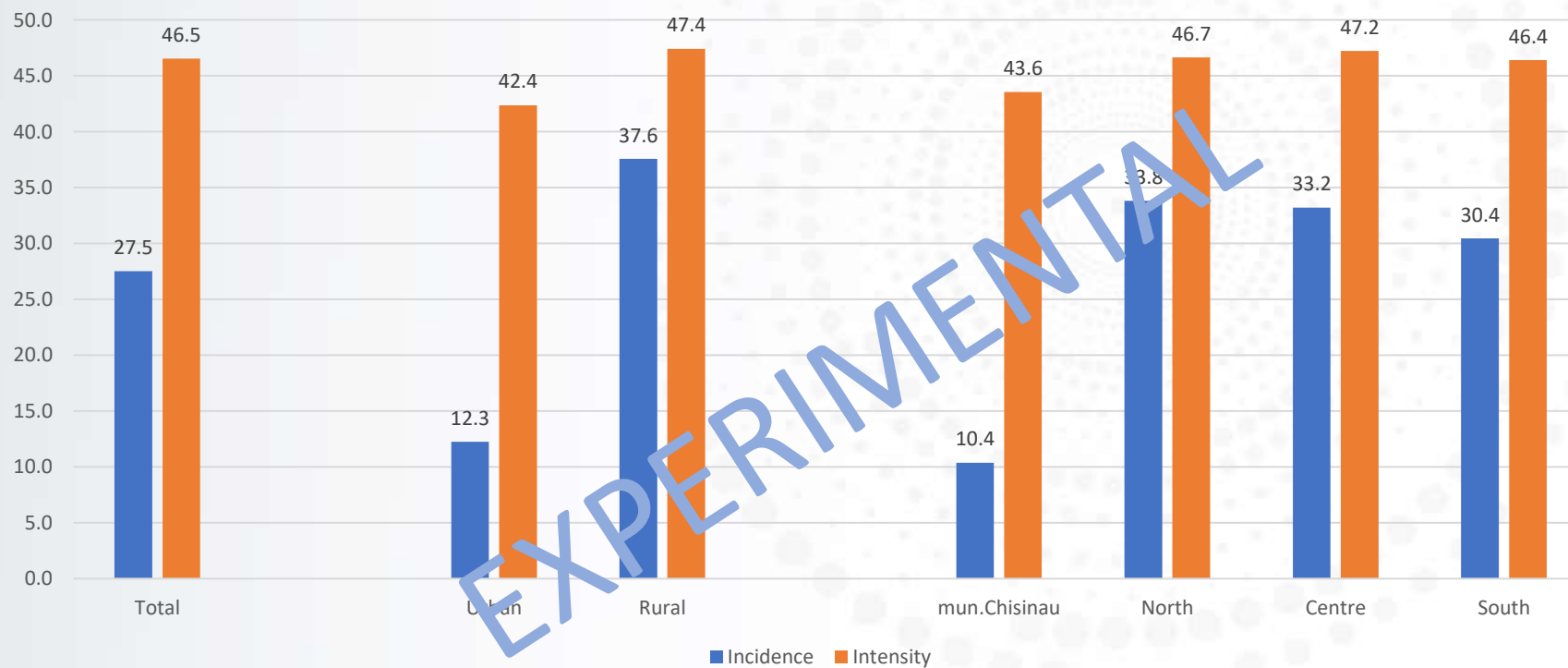
Type of household with children (1 child, 2 children, 3+)

# Moldova National MPI, experimental calculations

## Incidence and intensity of multidimensional poverty by area and statistical regions

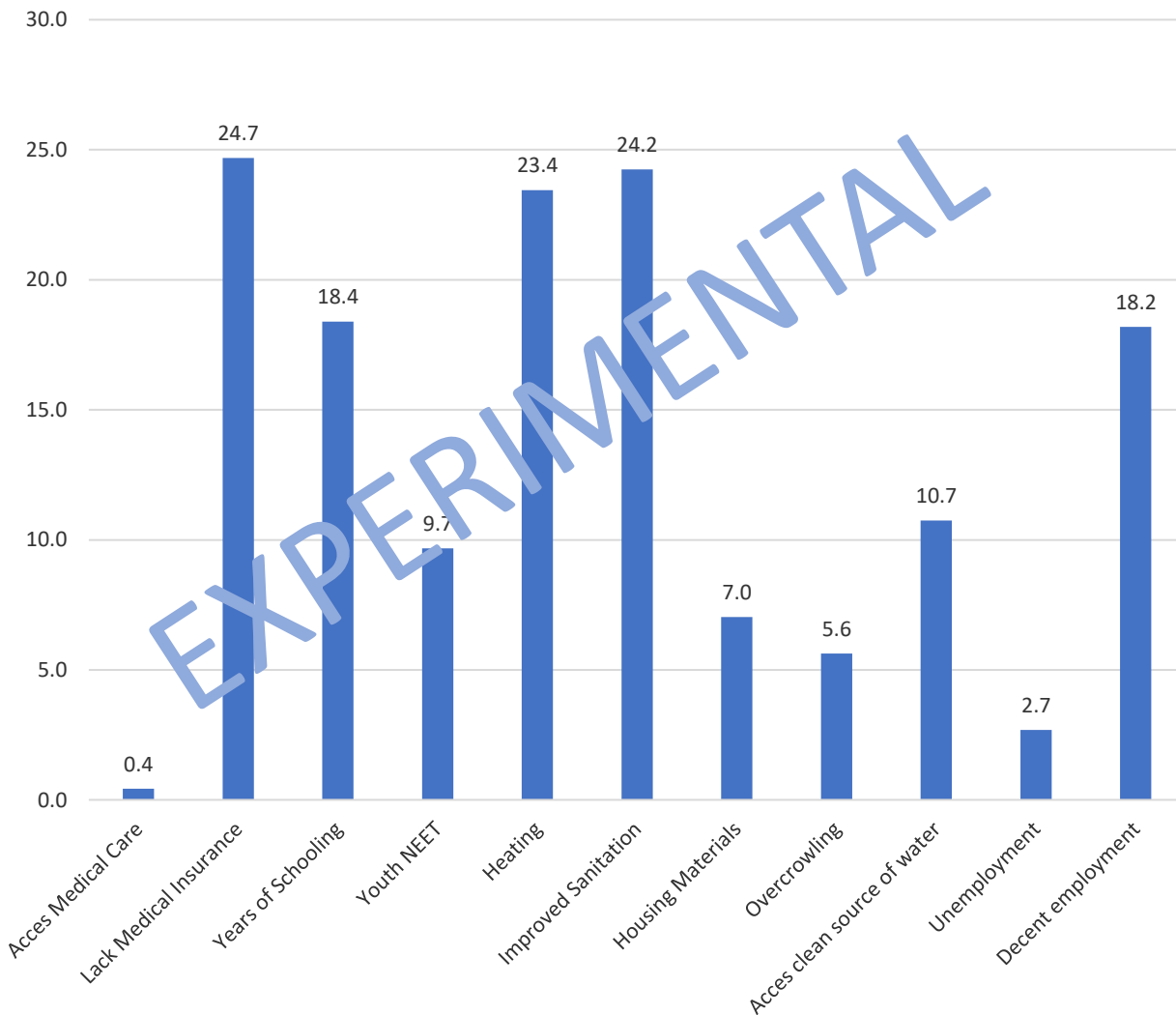
Poverty Cutoff (k)	Index	Value
k-value=35%	Incidence (H), %	27,5
	Intensity (A), %	46,5
	MPI (M0 = H*A)	0,1281

Incidence and intensity of multidimensional poverty by area and statistical regions,%

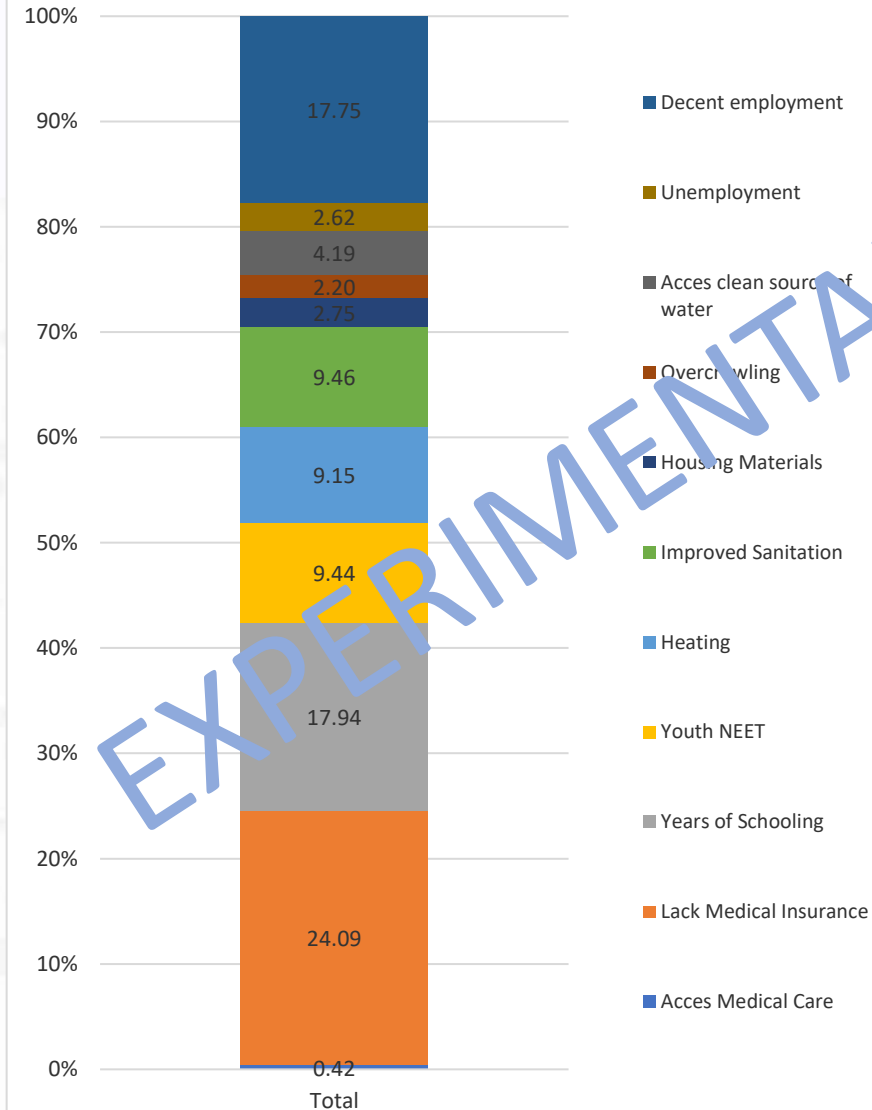


# Moldova National MPI, experimental calculations

National Censored Headcount Ratio, 2022



Percentage Contributions, by area, 2022



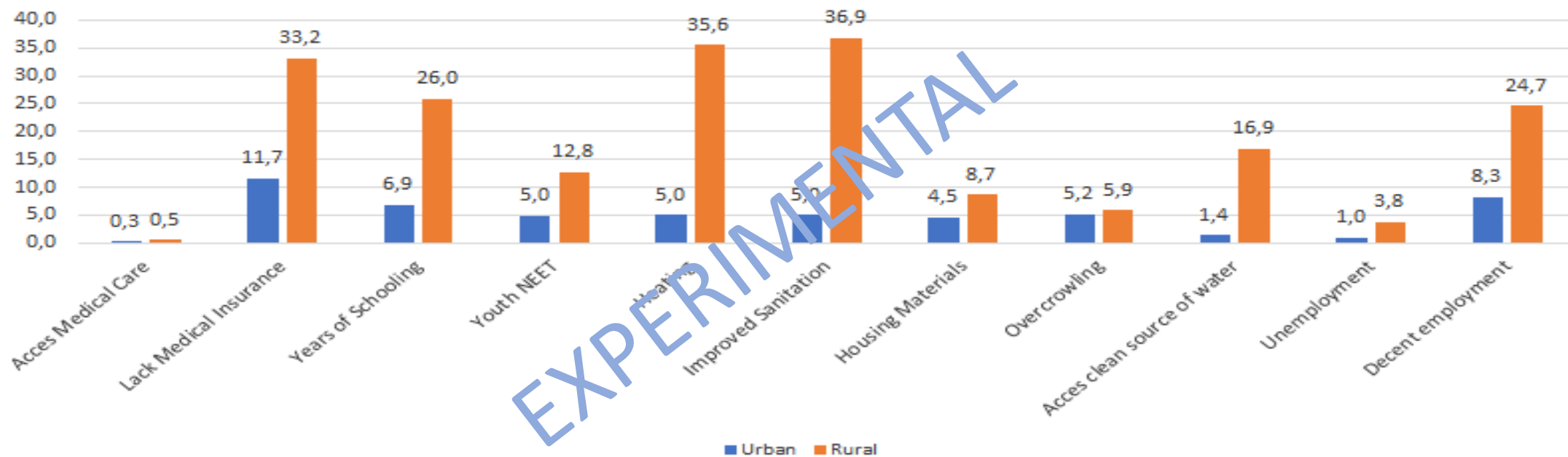


# Moldova National MPI, experimental calculations

Incidence, Intensity and Multidimensional Poverty Index (MPI), by area, 2022

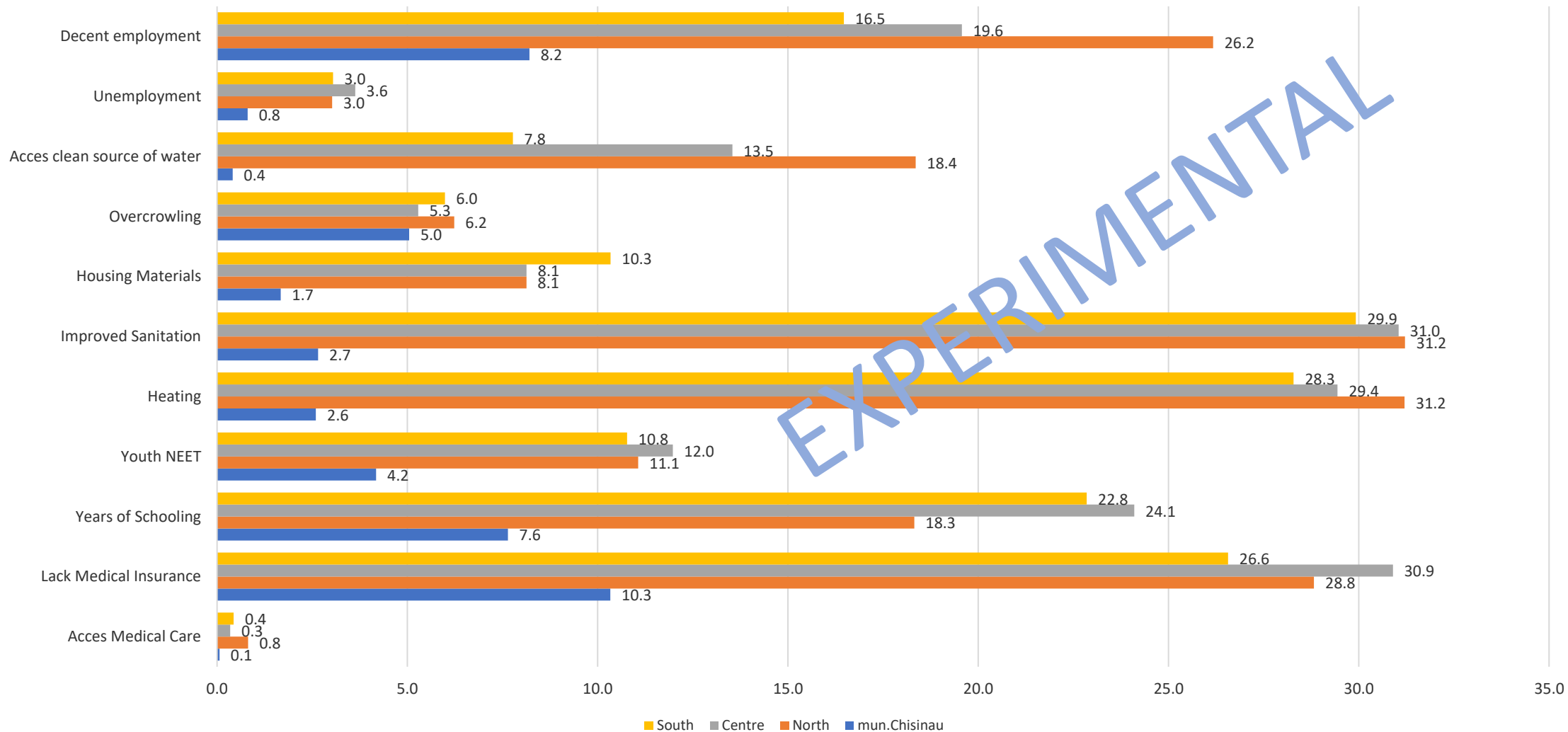
	Population Share, %	Incidence (H), %	Intensity (A), %	MPI (MO = H*A)
Urban	39,7	12,3	42,4	0,0519
Rural	60,3	37,6	47,4	0,1782

Censored Headcount Ratio, by area, 2022



# Moldova National MPI, experimental calculations

Censored Headcount Ratio, by statistical regions, 2022



Empowered lives.  
Resilient nations.

OPHI

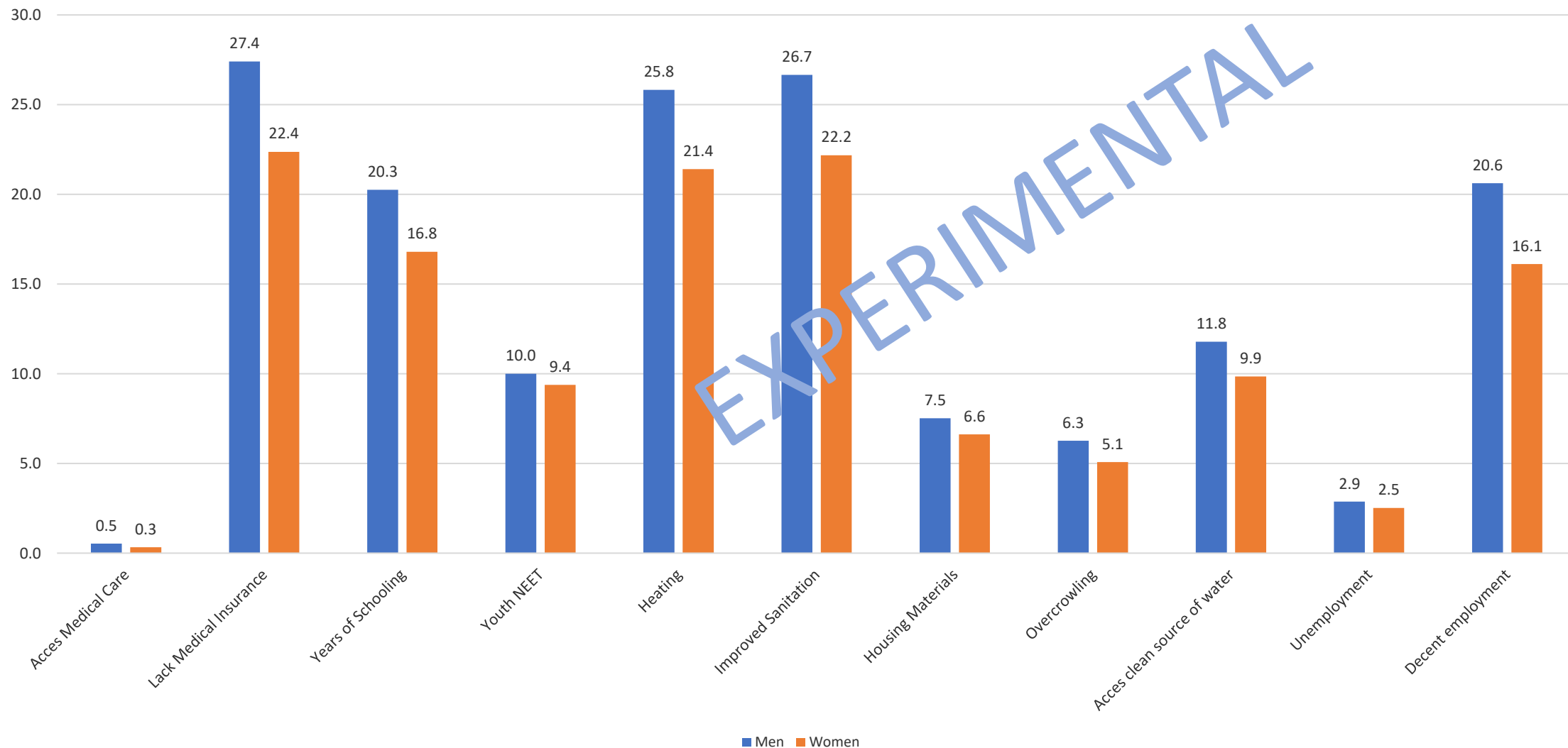
Oxford Poverty & Human  
Development Initiative



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OXFORD

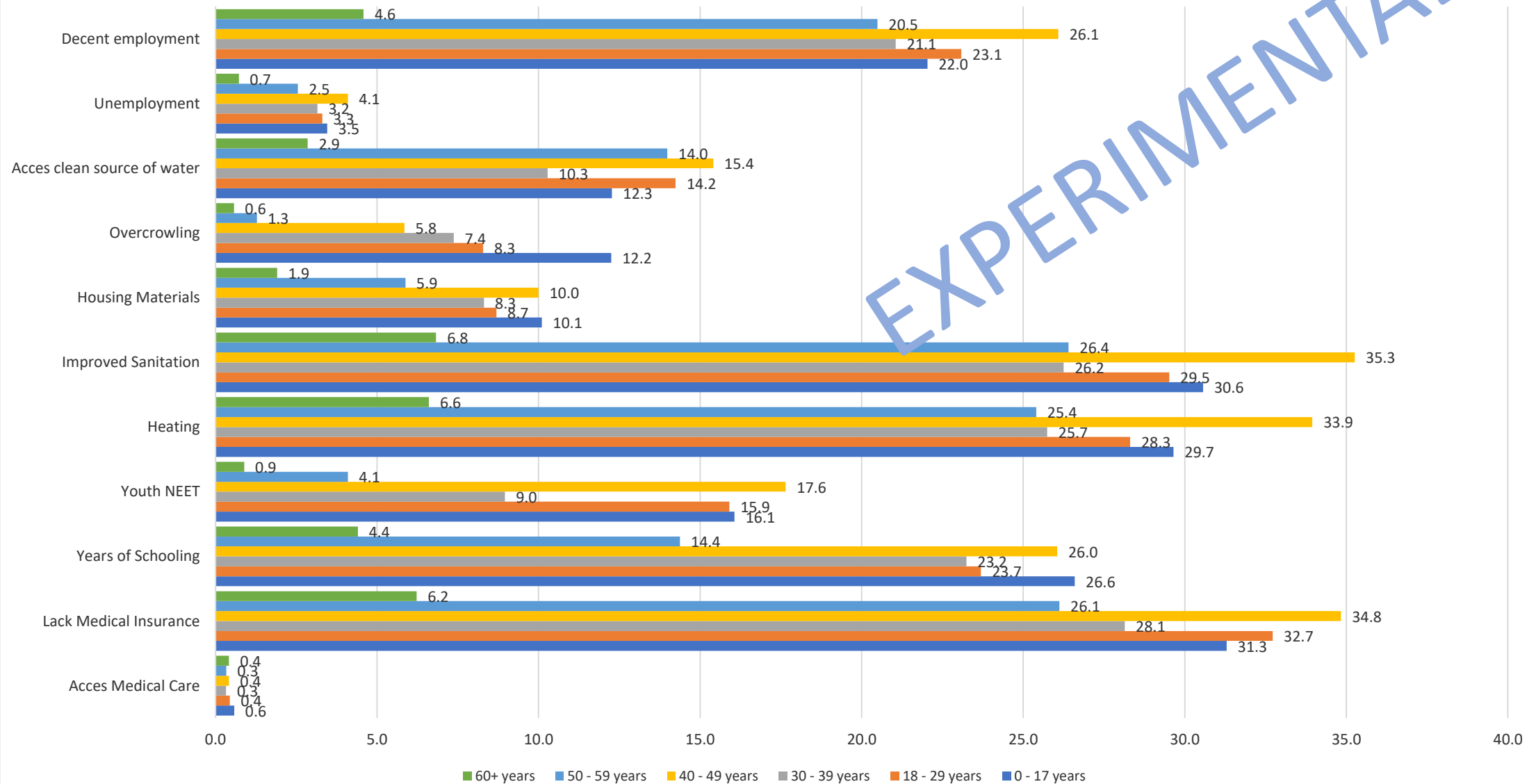
# Moldova National MPI, experimental calculations

### Censored Headcount Ratio, by sex, 2022



# Moldova National MPI, experimental calculations

Censored Headcount Ratio, by age groups, 2022



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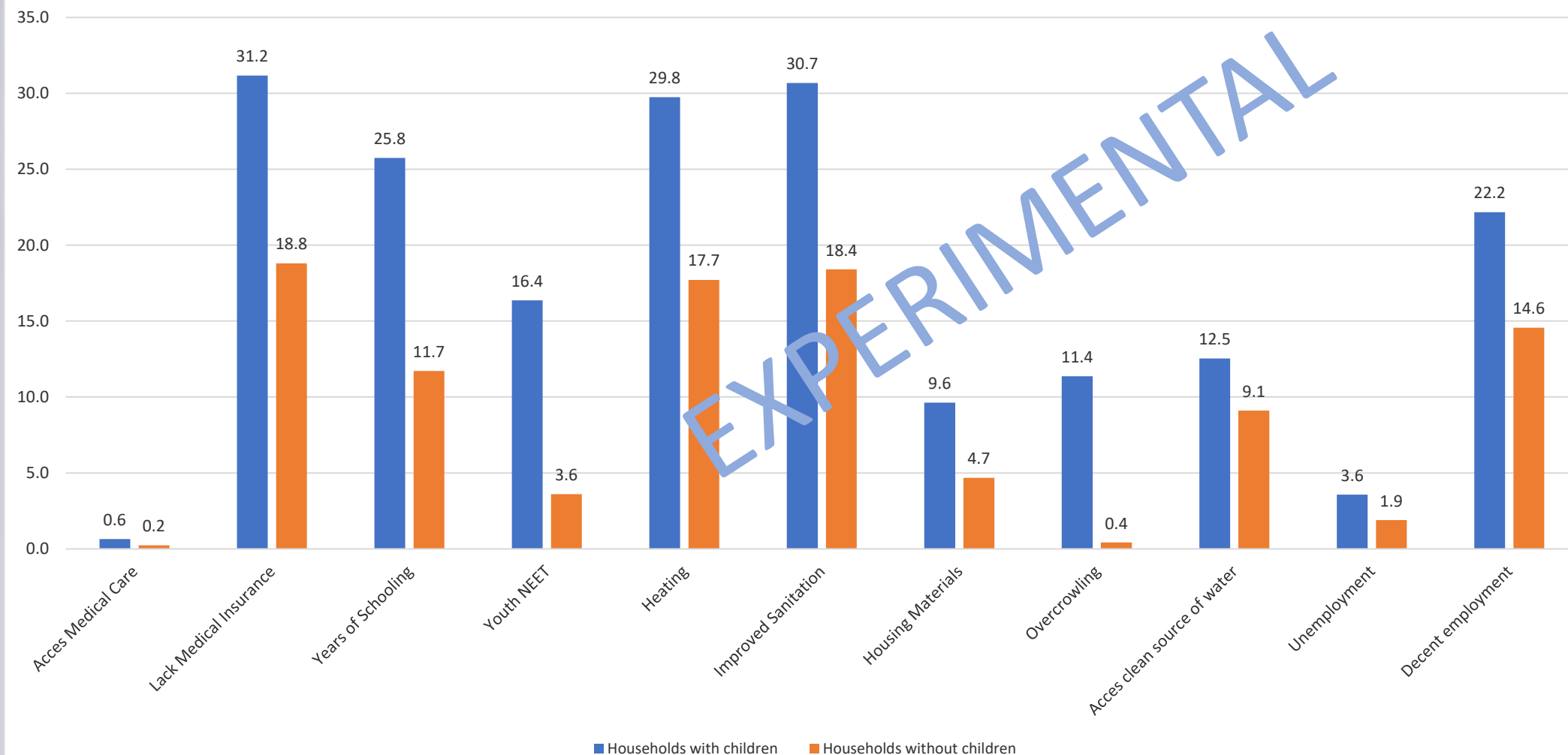
Human Development Reports



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# Moldova National MPI, experimental calculations

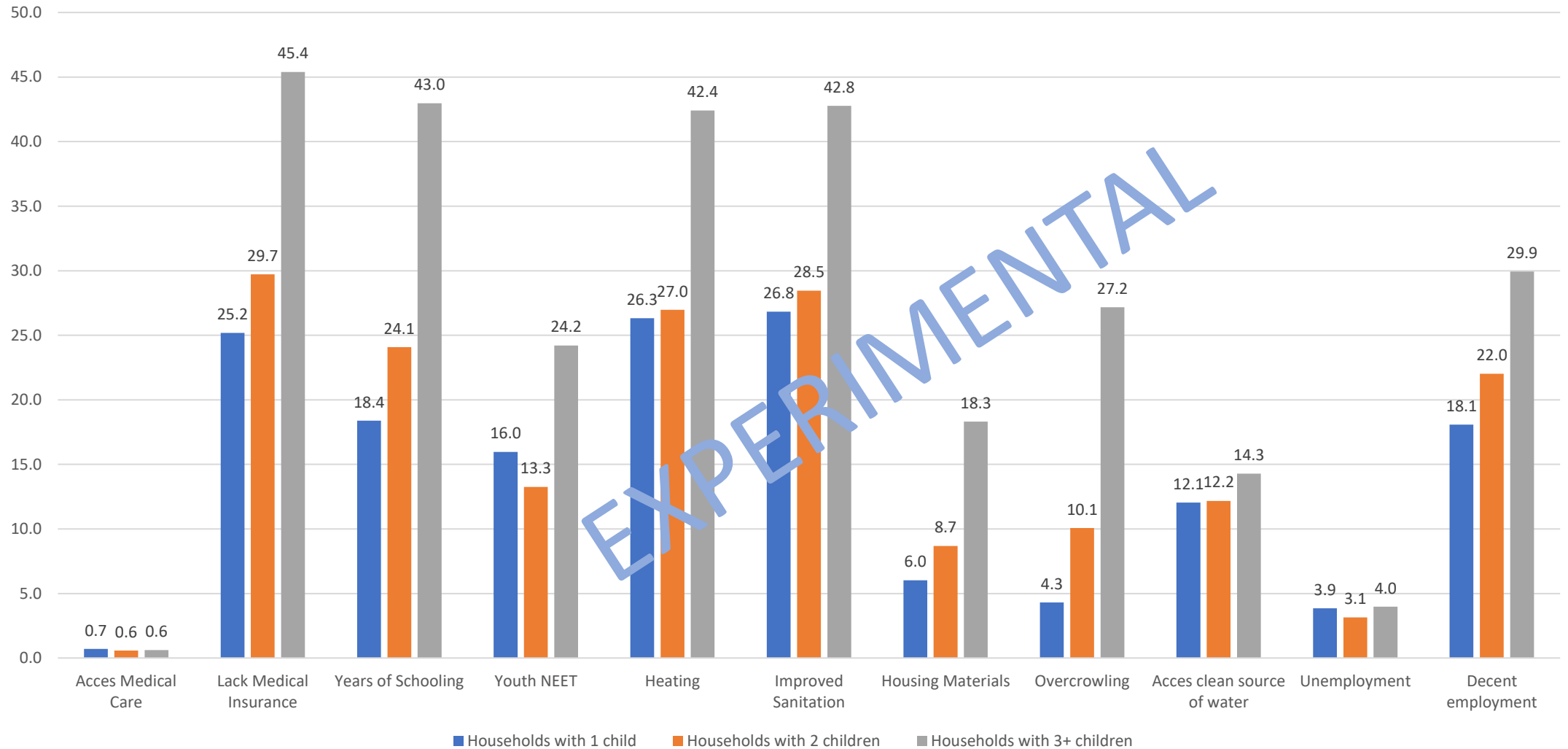
Censored Headcount Ratio, by type of household, 2022





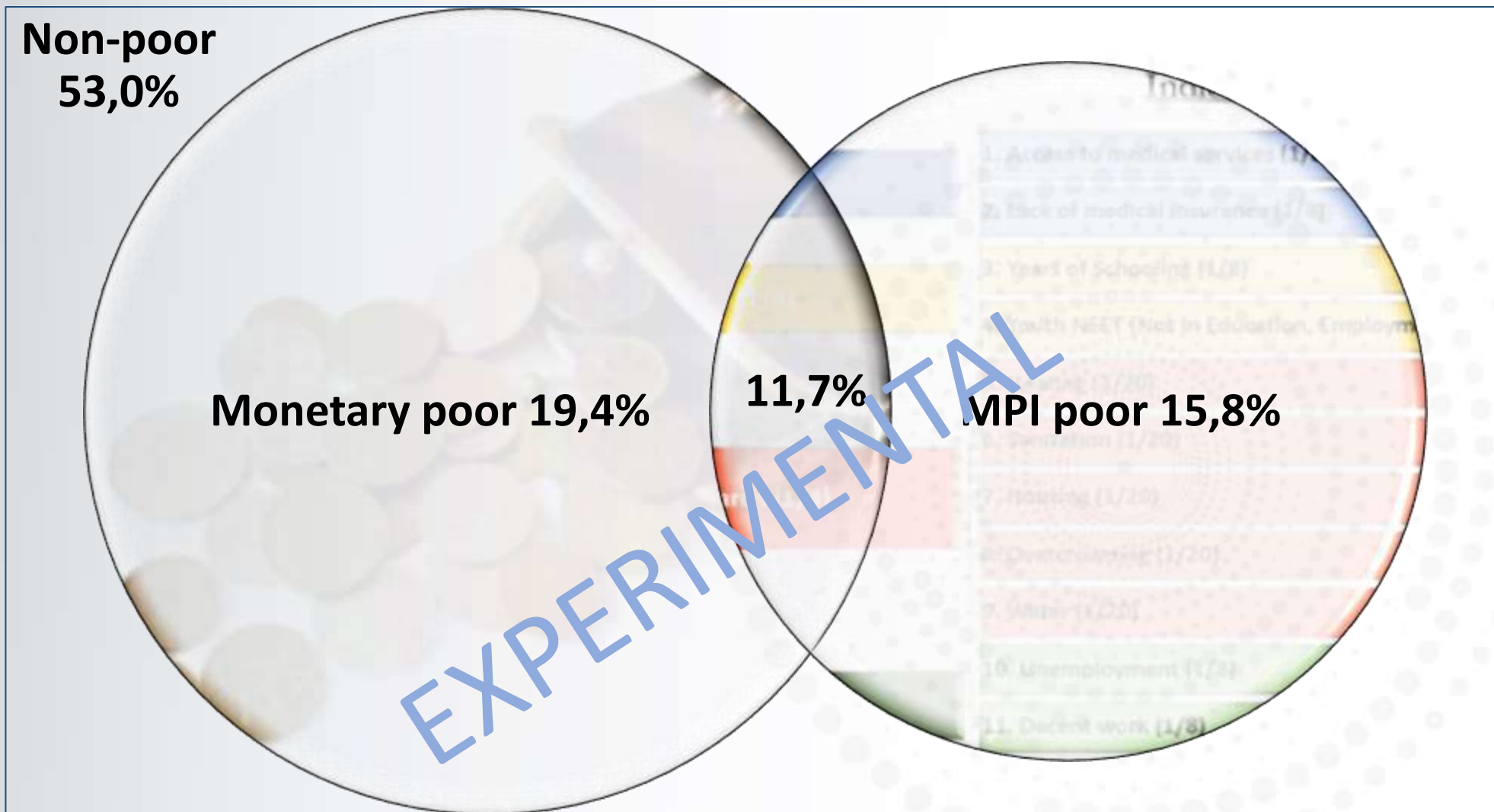
# Moldova National MPI, experimental calculations

Censored Headcount Ratio, by number of children, 2022



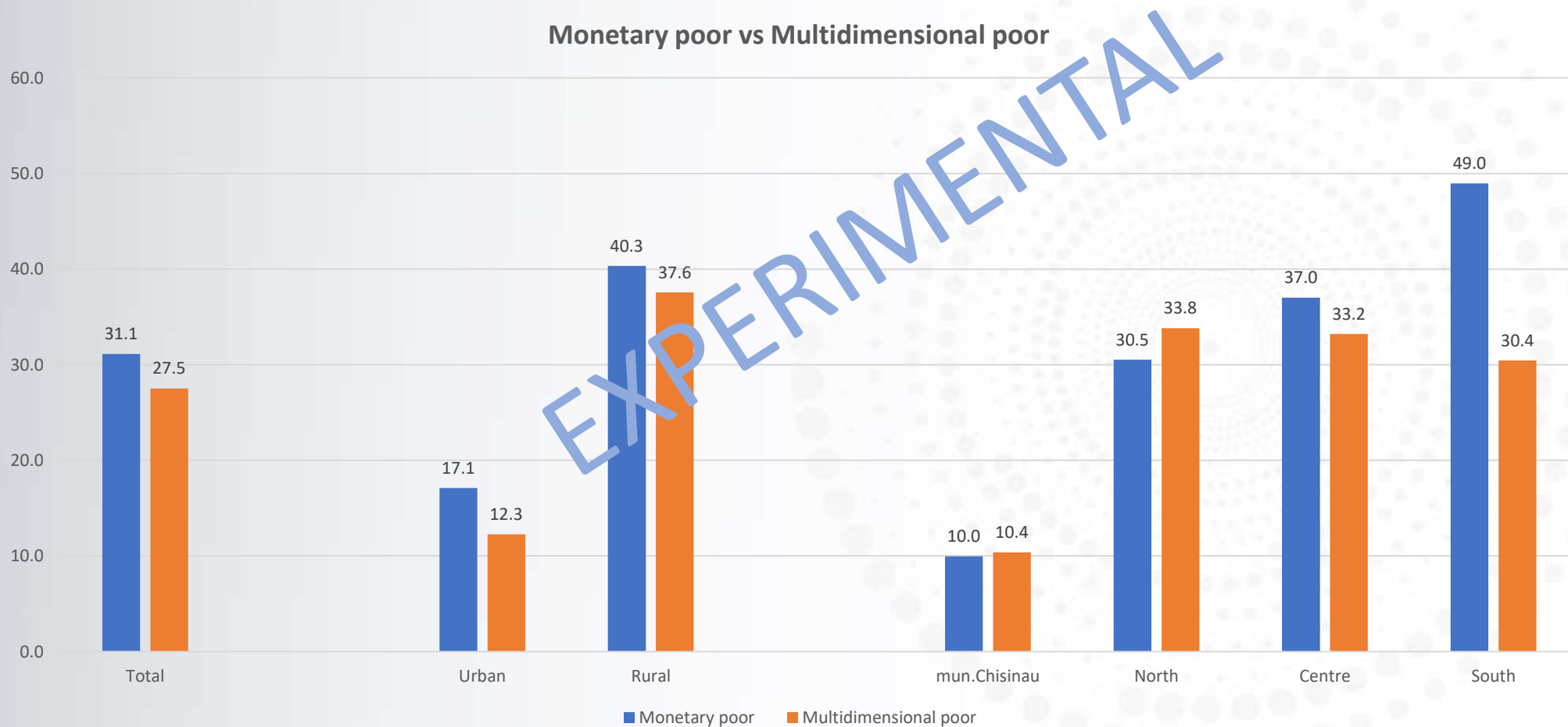
# Moldova National MPI, experimental calculations

Overlaps between National Monetary and Multidimensional Poverty Rates



# Moldova National MPI, experimental calculations

Absolute poverty rate and Incidence of multidimensional poverty by areas and statistical regions, 2022



# Next steps

- Approval of the MPI methodology – 11.2023
- Completion of the Analytical Report on the Multidimensional Poverty Index of Moldova for 2022 – 12.2023
- Public presentation of MPI – 01.2024 ???
- Inclusion of MPI in the list of indicators for monitoring the SDG target 1.2 and in regular SDG reporting – 2023



**THANK YOU!**  
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**MULȚUMESC!**



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Resilient nations.

