

# Urban health and the intra-urban indicators of the United Nations Development Program (UNDP): Three reports from Porto Alegre, Brazil

Maria Inês Azambuja, Ramona Fernanda Ceriotti Toassi, Roger dos Santos Rosa, João Henrique Godinho Kolling, Alzira Maria Baptista Lewgoy, Cristianne Famer Rocha

## Introduction

Sustainable Development Goals (SDGs) are a United Nations initiative signed by Brazil and other 192 countries, with a focus on investments in infrastructure and human development in cities. It is expected that geo-referenced information on health and local development would favor local governance towards the promotion of more social equity. This poster proposes to publicize the Atlas of Human Development (ADHM) of the United Nations Development Program (UNDP) launched in 2014 and to evaluate the usefulness of its data relative to the city of Porto Alegre (Brazil) for different audiences.

## Methods

The UNDP atlas was presented in three activities developed by the Urban Health, Environment and Inequalities Program of the Federal University of Rio Grande do Sul to different audiences: 1) community - Restinga neighborhood, 2) the academy - integrative discipline Integrated Health Practices I, and 3) the health service - Basic Health Unit Santa Cecilia/HCPA.

## Results

It is necessary to match the catchment areas of services and those of the Atlas (UDH - Health Development Unit) for the implementation of impact assessments of intra-urban investments in infrastructure and social development in health. The potential and limitations identified were discussed.

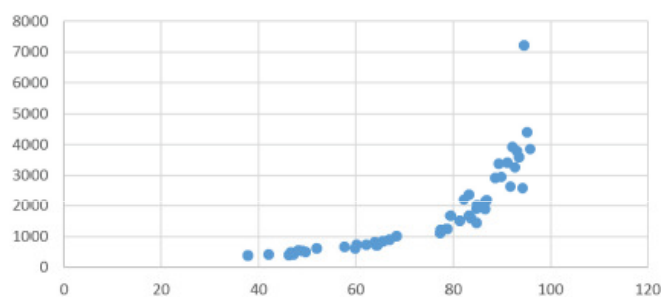


Figure 1: Correlation between the ratio of residents 18 and over with complete primary education and income average family per capita in 335 UDHs Porto Alegre, Brazil

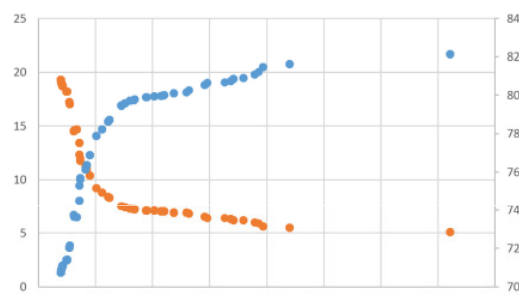


Figure 2: Association between average income per capita, infant mortality (blue) and longevity (red) in 335 UDHs Porto Alegre, Brazil



Figure 3: Comparison between the area bounded by the UDH Vila Sossego (red line) and the actual Vila Sossego (in yellow), Porto Alegre, Brazil



Figure 4: Image identifying villas on the slopes and on the hill, not included in the UDH Estrada das Alpes, Porto Alegre, Brazil

## Conclusion

The use of intra-urban indicators of the UNDP Atlas has the potential to bring information of interest to local health services and the community.

## References

- Programa das Nações Unidas para o Desenvolvimento (PNUD). *Os objetivos de desenvolvimento sustentável: dos ODM aos ODS*. Brasília: PNUD; 2015. Disponível em: <http://www.pnud.org.br/ODS.aspx#>
- Programa das Nações Unidas para o Desenvolvimento (PNUD). *Atlas do desenvolvimento social nas regiões metropolitanas brasileiras*. Brasília: PNUD; 2014. Disponível em: [http://www.pnud.org.br/ids/Atlas-Regioes-Metropolitanas.aspx?indiceAccordion=1&li=li\\_AtlasRegioesMetropolitanas](http://www.pnud.org.br/ids/Atlas-Regioes-Metropolitanas.aspx?indiceAccordion=1&li=li_AtlasRegioesMetropolitanas)
- Programa das Nações Unidas para o Desenvolvimento (PNUD). *Atlas Metropolitano de Desenvolvimento Social*. Brasília: PNUD; 2013. Disponível em: <http://atlasbrasil.org.br/2013/pt/consulta/>