

Monitoring Safely Managed Sanitation on the 2030 Agenda for Sustainable Development – Experience from Uganda

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Monitoring

"Global monitoring of safely managed sanitation requires one measurable indicator that to a large extent depends on data available in the sector."

MDGs...

Improved Sanitation Facilities

ensure...

“hygienic separation of human excreta from human contact.”¹

¹http://bit.ly/JMP_definitions

Improved Sanitation Facilities

include...

- Flush or pour-flush to:
 - piped sewer system
 - septic tanks
 - pit latrines
- Ventilated improved pit (VIP) latrine
- Pit latrine with slab
- Composting toilet

Improved Sanitation Facilities

are based on estimates derived from:

- Demographic and Health Survey¹
- Multi Indicator Cluster Survey²
- Living Standards Measurement Survey³
- National census⁴

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from which the required data was not available in 1990

SDG 6.2.1

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Safely Managed Sanitation Services

ensure...

“hygienic separation of human excreta from human contact.”¹

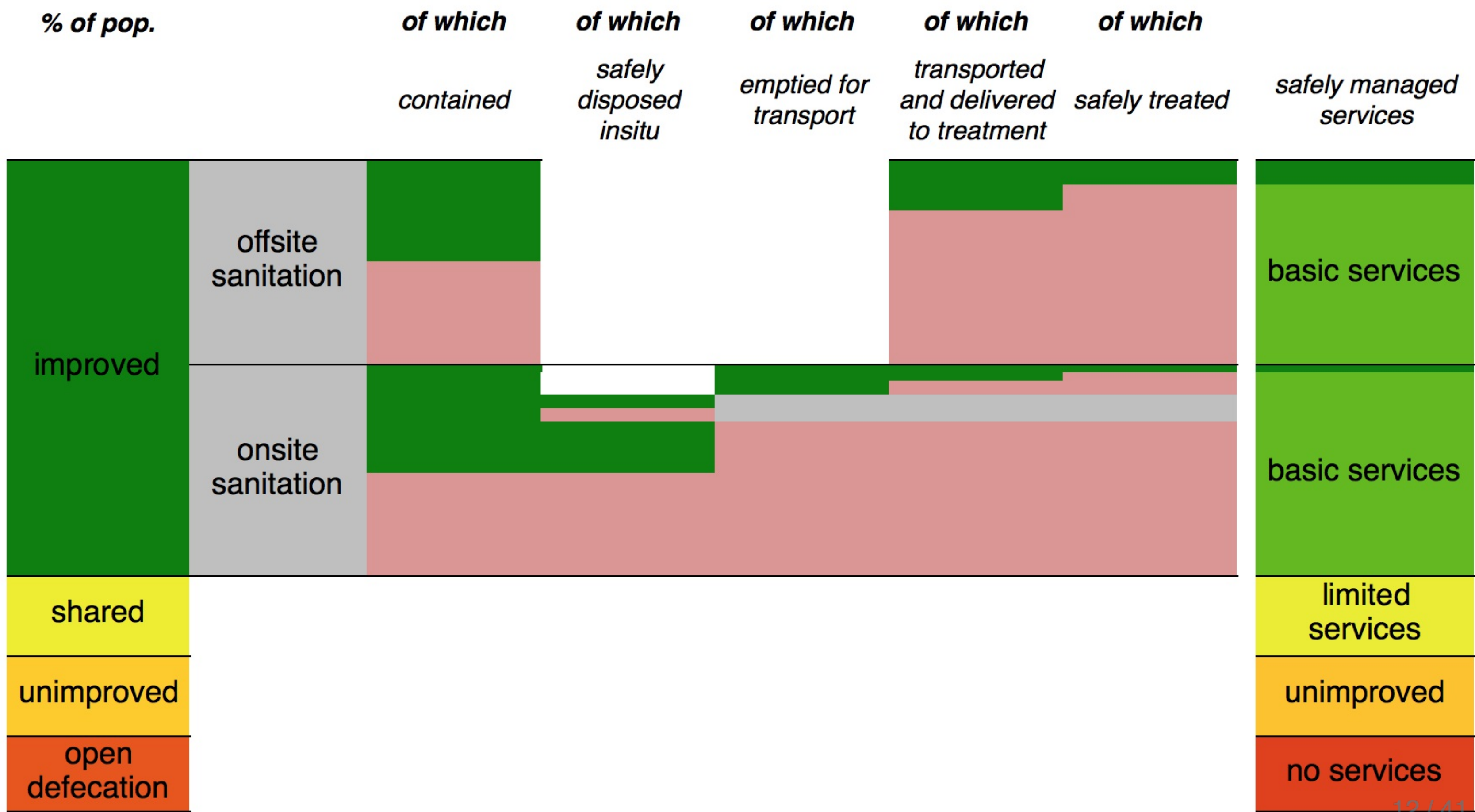
¹http://bit.ly/JMP_definitions

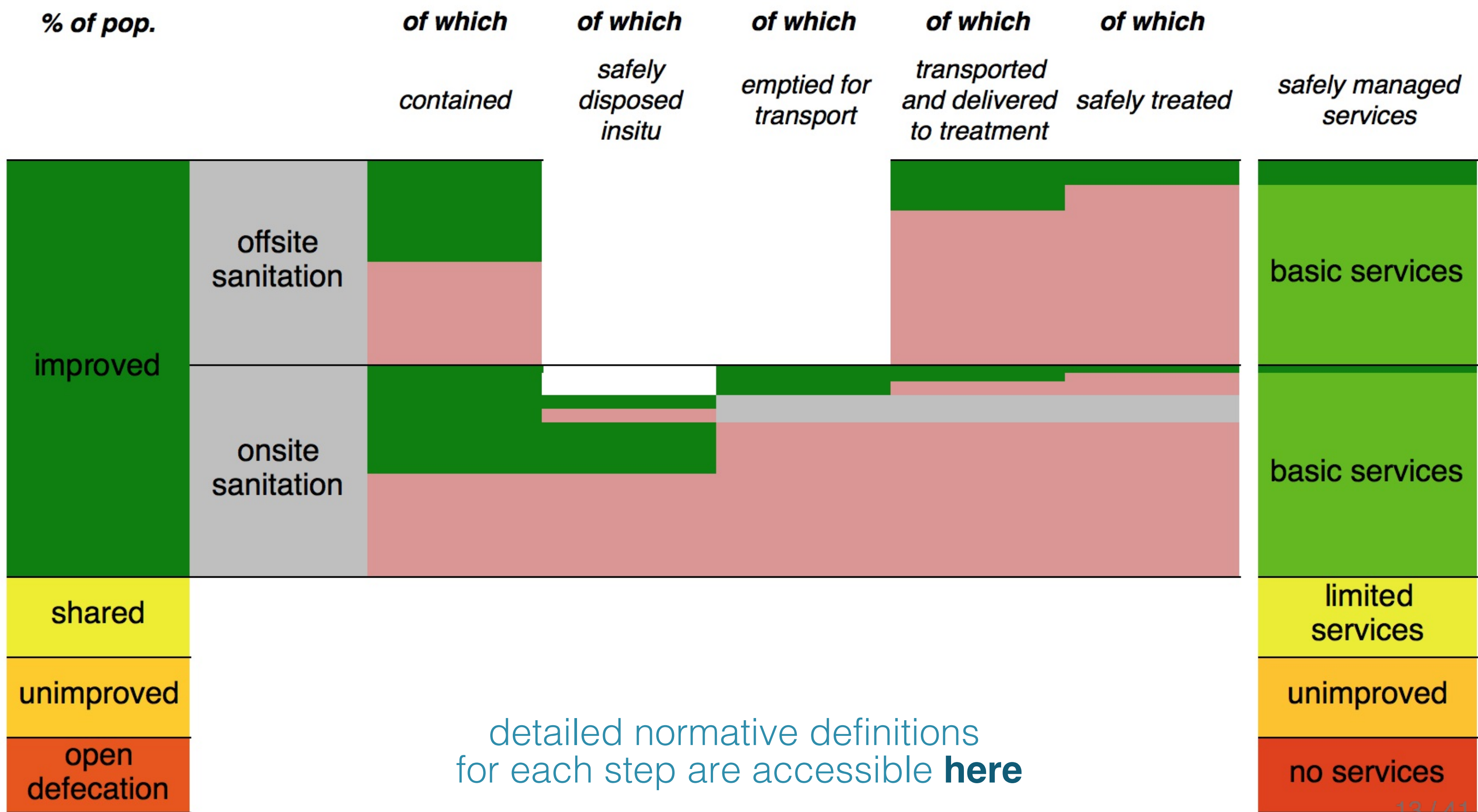
Safely Managed Sanitation Services

are defined as¹...

*"the population using an **improved sanitation facility**, which is **not shared** with other households and where excreta is **safely disposed in situ or treated off-site.**"*

¹<http://bit.ly/SDG621guide>









**not
contained!**





**not
contained!**



A photograph of an outdoor area, possibly a construction site or a utility area. In the foreground, there is a concrete slab with a rectangular opening. To the left, there is a raised bed of green grass. The ground is covered with dark soil, rocks, and some debris. In the background, there are concrete walls and pipes. The text "not contained!" is overlaid in large white font across the center of the image.

**not
contained!**









???





???



not delivered!

SDG 6.3.1

SDG 6.3.1 - What is safely treated?

1. based on technology (e.g. primary, secondary, ...)
2. based on effluent compliance with national standards (e.g. pathogens, biochemical oxygen demand, ...)
3. based on level of exposure / use of end-products (e.g. use for food production)



Republic of Uganda

- land-locked country in East Africa
- on the shores of Lake Victoria
- population: 35 million in 2014
- of that 22% classified as urban areas
- urban population growth: ~ 6%
- national population growth: ~ 3.5%

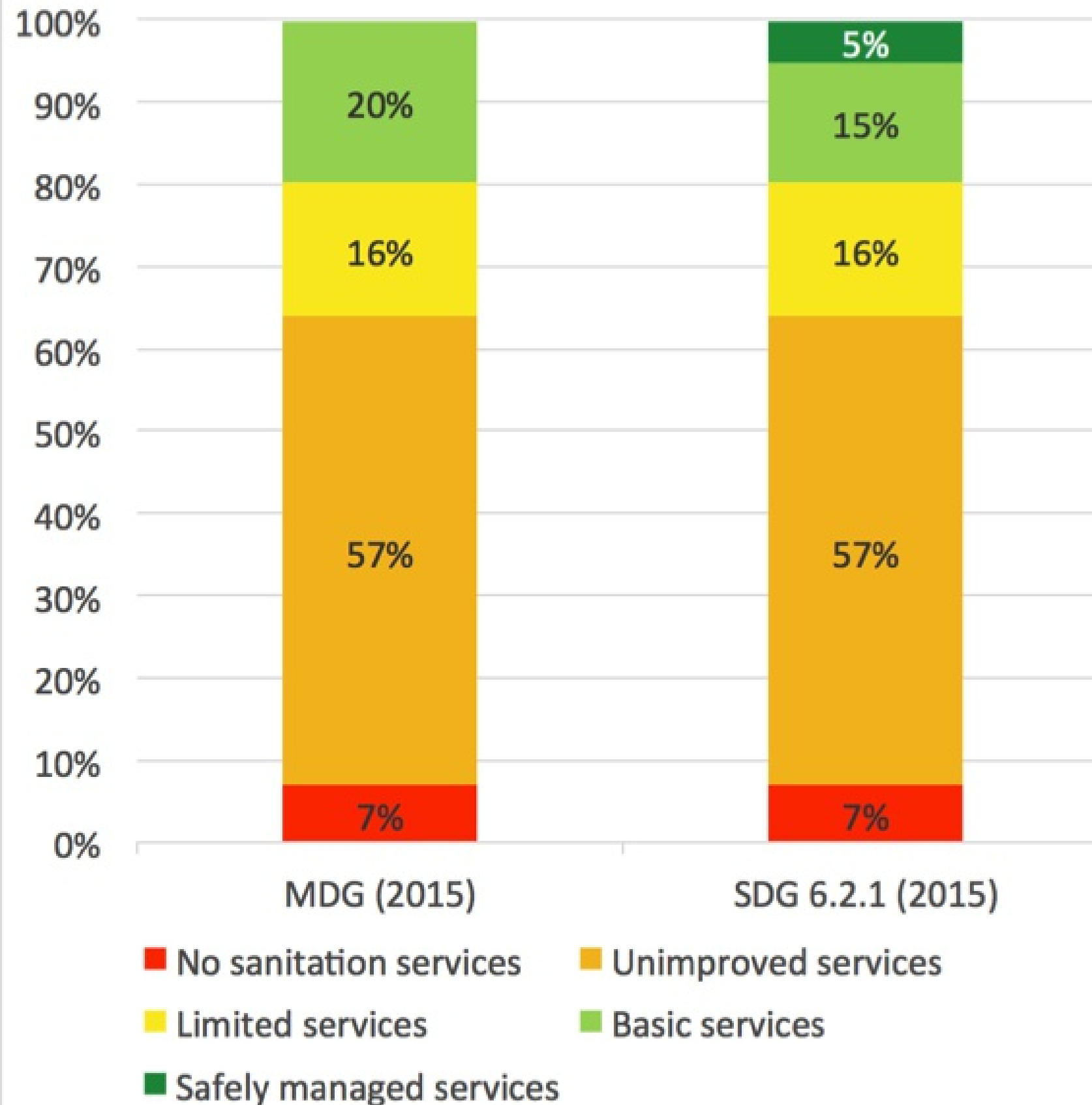
Republic of Uganda

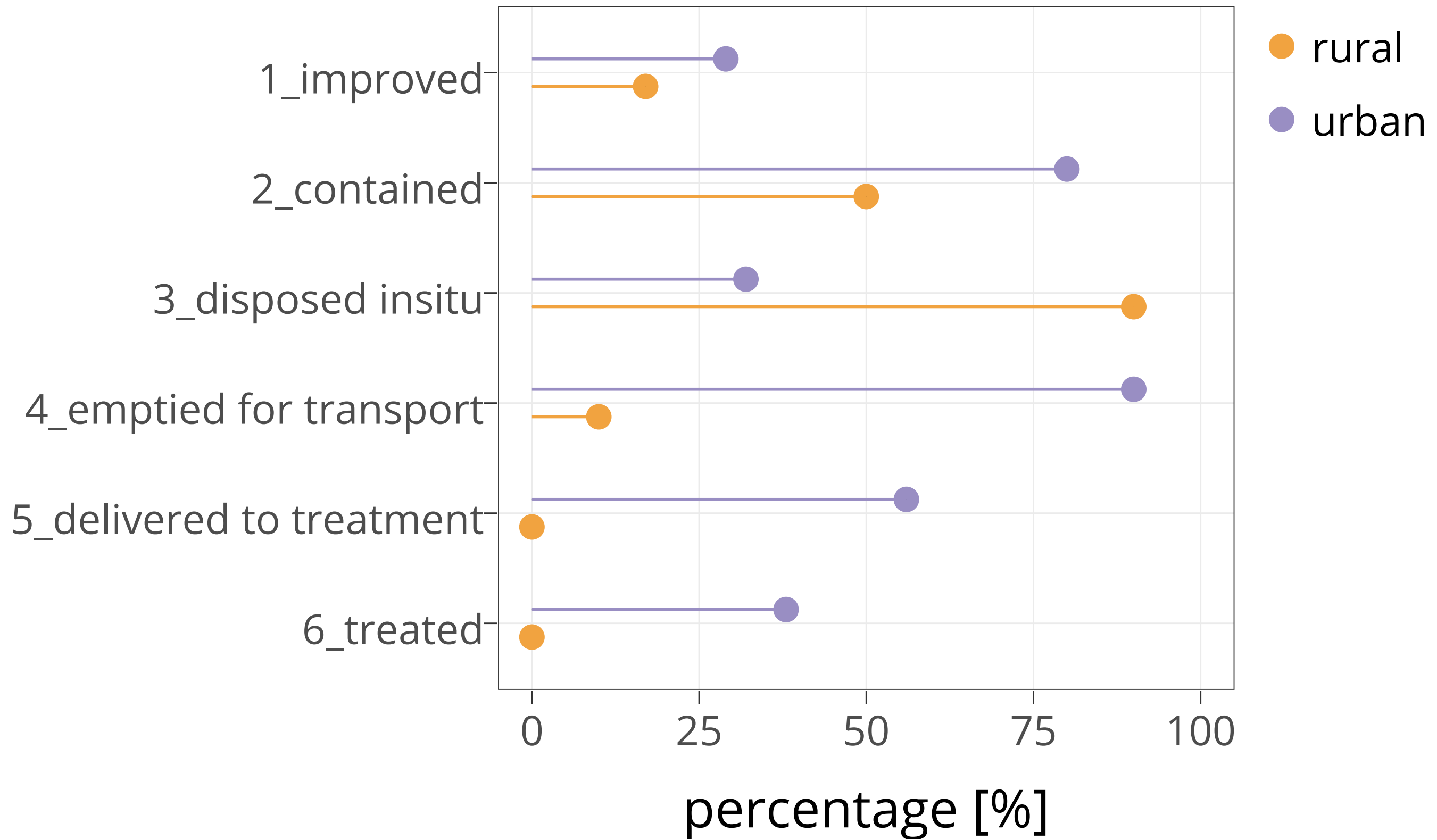
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- the "Pearl of Africa"

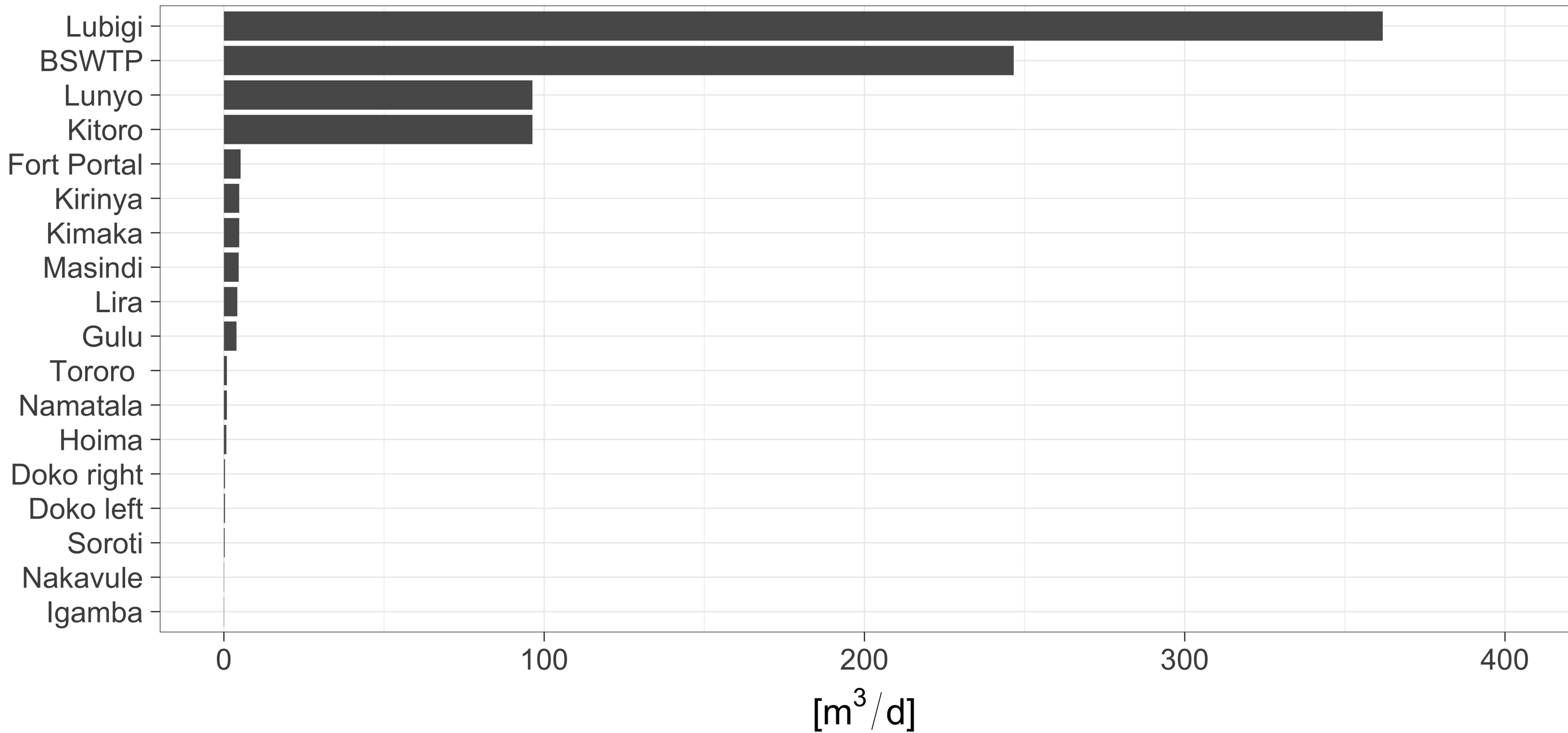
Findings

MDG vs SDG 6.2.1





Faecal Sludge Discharge



Take home points

- data is not (readily) available
 - efforts and communication required
- available data is not representative enough to make inferences for the whole population
- no data, no monitoring?

**Let's make
data
available!**

Learn more

WHO/UNICEF JMP website: <https://www.wssinfo.org/sdg-baselines/>

slides available on <https://www.lse.de/slides/fsm4.html>

Acknowledgements

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- GIZ RUWASS Uganda
- Ugandan Bureau of Statistics
- Sanitation Africa

References

Photos:

<https://www.flickr.com/photos/110829077@N08/albums/>

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RStudio Team (2016). RStudio: Integrated Development for R. RStudio, Inc., Boston, MA URL <http://www.rstudio.com/>.

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