

# The GLOBAL Point Prevalence Survey of Antimicrobial Consumption and Resistance (GLOBAL-PPS)



**Contact:** [Global-pps@uantwerpen.be](mailto:Global-pps@uantwerpen.be)

**Visit:** [www.global-pps.com](http://www.global-pps.com)

## The project

- The Global-PPS offers a simple, freely available web-based tool to monitor antimicrobial prescribing & resistance in hospitals worldwide.
- The Global-PPS aims to **change antimicrobial prescribing practices** and measure the impact of interventions through repeated PPSs.
- The tool is instrumental in **planning and supporting local and national stewardship interventions** in a range of resource and geographical settings with a focus on **Low and Middle Income Countries**.

## Global-PPS method

- Participants conduct a “one-day” cross-sectional survey including each hospital ward only “once” within a predefined period of 4 month.
- Detailed information is “only” collected for inpatients receiving an antimicrobial agent at 8:00 am on the day of survey.
- Data are collected on paper forms, and entered in a database using the Global-PPS web-based application for data-entry, validation and reporting. It is also possible to enter data directly on a laptop, a tablet or I-Pad.

## Global-PPS participation / enrolled



The database includes **> 250,000 patients** allowing benchmarking of hospitals from similar settings (hospital types or wards), same country, region and time periods.

## Benefits for Hospitals

- After data-entry and validation, the hospital is able to download a **real-time one-point and longitudinal feedback report** which can be used for local communications and presentations.
- Possibility to **extract own data in excel** which favours local analyses.
- **Supports local antimicrobial stewardship activities** (e.g. local guidelines implementation).

## Last but not least ...

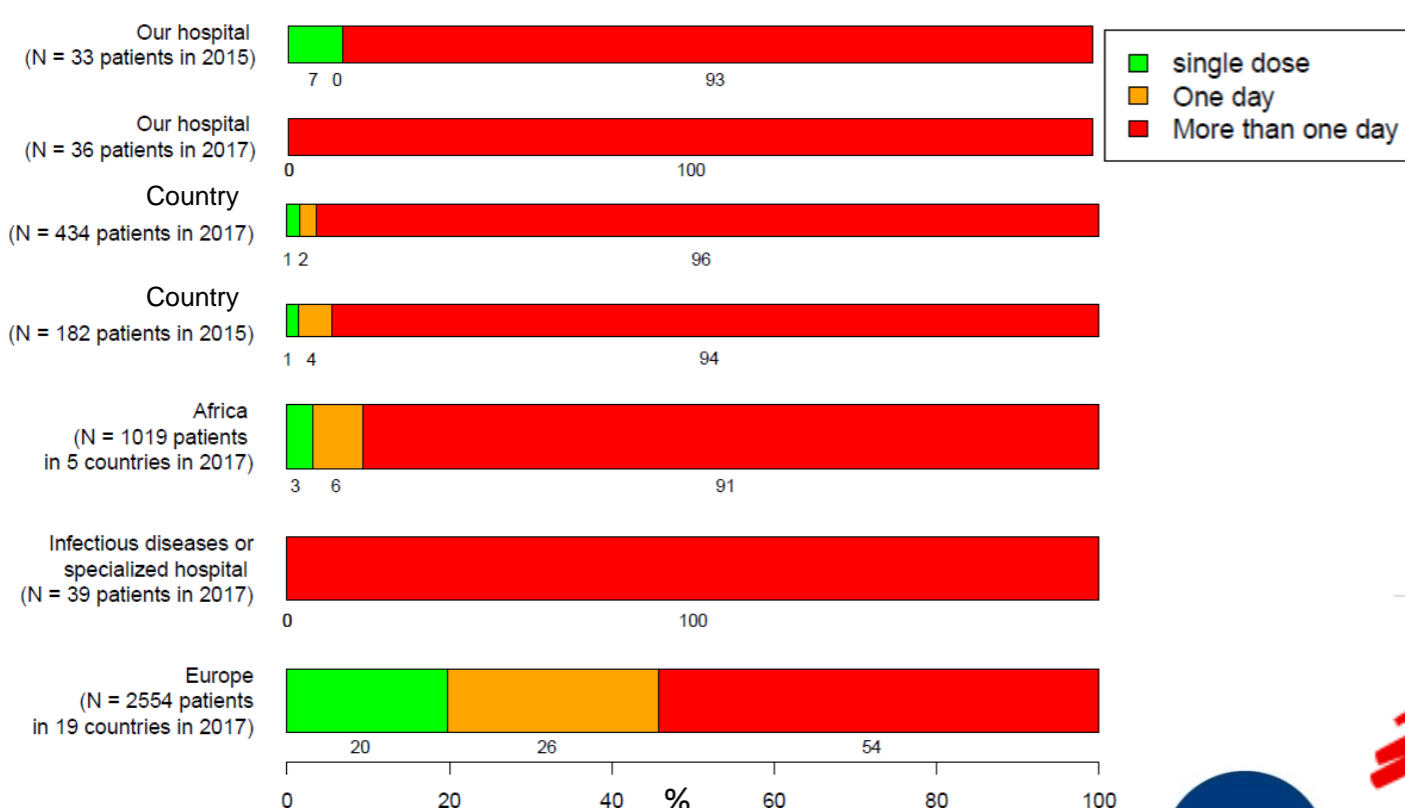
- Data are completely anonymously entered online. The data remains the property of the hospital. Participation of hospitals and all fieldwork at the hospital level is done on a voluntary basis.
- The Global-PPS team encourages regional or country specific analysis led by a “local coordinator” or the “national or regional Global-PPS participant”. A publication policy is available on request.

## Timeline

- The **Global-PPS is repeated yearly** with the possibility to join 3 different time periods (Jan.-April, May-August and Sept.-Dec.).
- An **optional Health Care Associated (HAI) module** will be available by mid 2019.

A complete report provided to all participating hospitals – example of longitudinal feedback slide

Duration of surgical prophylaxis in adults and children



**Any hospital admitting adults, children and/or neonates is welcome to participate !**

## Global-PPS endorsed by health and scientific organizations

