

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



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

## Global-PPS purpose

- Monitor rates of antimicrobial prescribing and selected resistant pathogens
- Identify targets to improve quality of antimicrobial prescribing
- Help designing hospital interventions to promote prudent antimicrobial use (Antibiotic Stewardship) and improve patient health
- Assess effectiveness of interventions through repeated PPS
- Focus on Low and Medium Income Countries

## Global-PPS participation (2017)



51 countries; 400 hospitals  
> 100,000 patients

## Global-PPS Methodology

1. Data collection on paper forms:
  - Department form (denominator data)
  - Patient form (numerator data)
2. Web-based data entry : verification, validation and reporting through the Global-PPS program.
  - Data entered online completely anonymized.
  - Data remains the property of the hospital.
  - Participation of hospitals is on voluntary basis.

## Global-PPS offers educational tools

- E-learning module on PPS – British Society Antimicrobial Chemotherapy  
<https://www.futurelearn.com/courses/point-prevalence-surveys/1>
- All Global-PPS information (technical and publications) at [www.global-pps.com](http://www.global-pps.com)

## Benefits for Hospitals

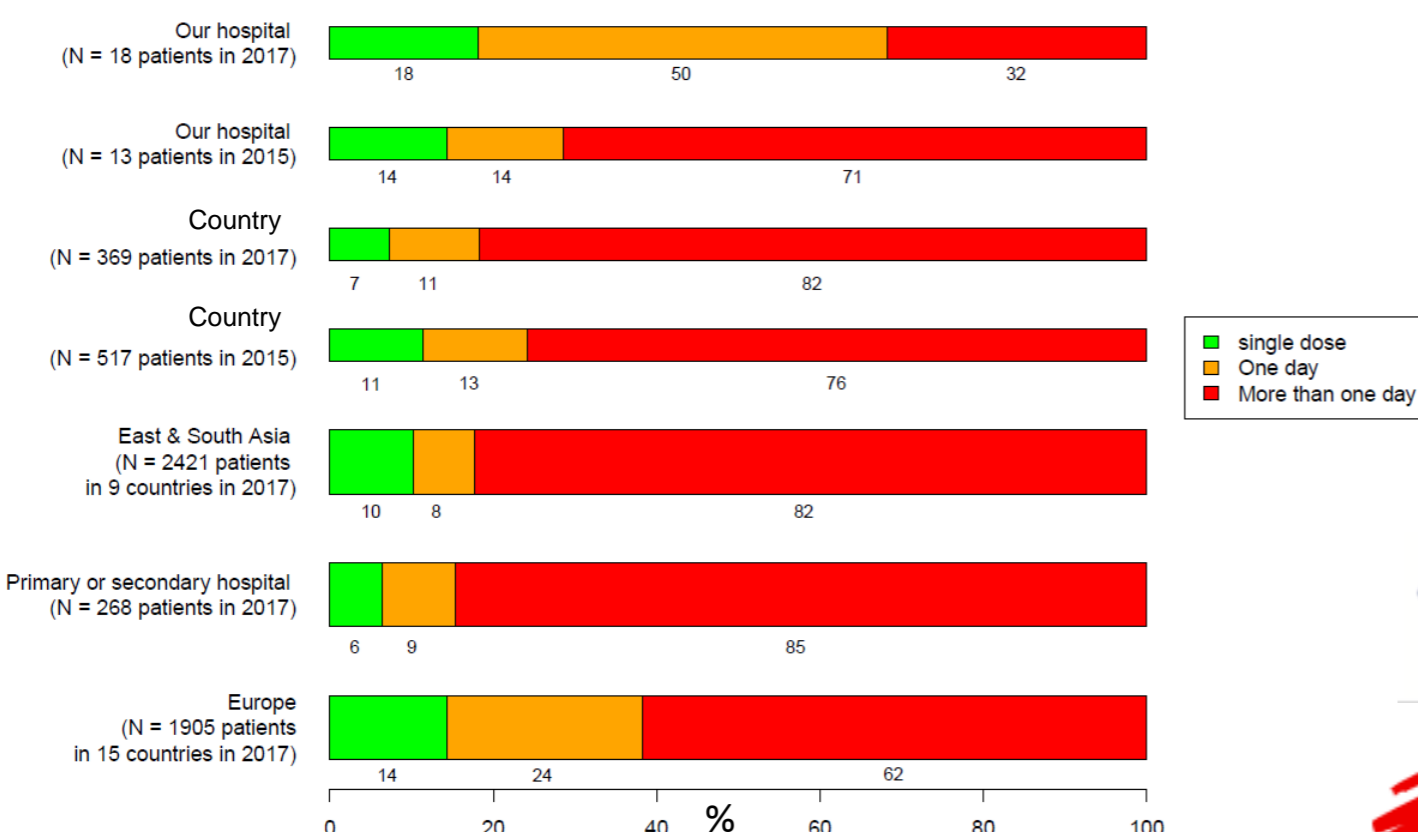
- A comprehensive report ready to use for local presentations (benchmarking with own country, regions). Inclusive of :
  - Current year's report and
  - Longitudinal report (multiple participation)
- Extraction of data in excel favours local analyses
- Support local antimicrobial stewardship activities
  - Help implementing local guidelines
  - Stimulate discussions between clinician
  - Stimulate discussions with health authorities

## Global-PPS Testimonial

*"We followed your advice and made a survey team and it was such a nice opportunity for us to develop nice interaction, to further develop our extremely good cooperation. It was extremely useful that we surveyed together most of the wards. It was easier than we expected, staff were very collaborative and efficient, and we were very surprised how well it was achieved, having in mind that we did not opt to distribute posters and other stuff. It seems that people liked and welcomed our action. We hope that we will continue to collaborate with you, we are looking forward for any kind of collaboration!" (testimonial from Serbia)*

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

Duration of surgical prophylaxis in adults and children



**Any hospital can participate individually or as a group. Ready to join us in 2018 ?**

## Global-PPS endorsed by health and scientific organizations



Disclosures: "bioMérieux is the sole private sponsor of the GLOBAL Point Prevalence Survey. The funder has no role in study design, data collection, data analysis, data interpretation, or writing the report. Data are strictly confidential and stored anonymous at the coordinating centre of the University of Antwerp, Belgium."