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# Efficient and effective infection prevention and control (IPC)

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# Global report on infection prevention and control 2024



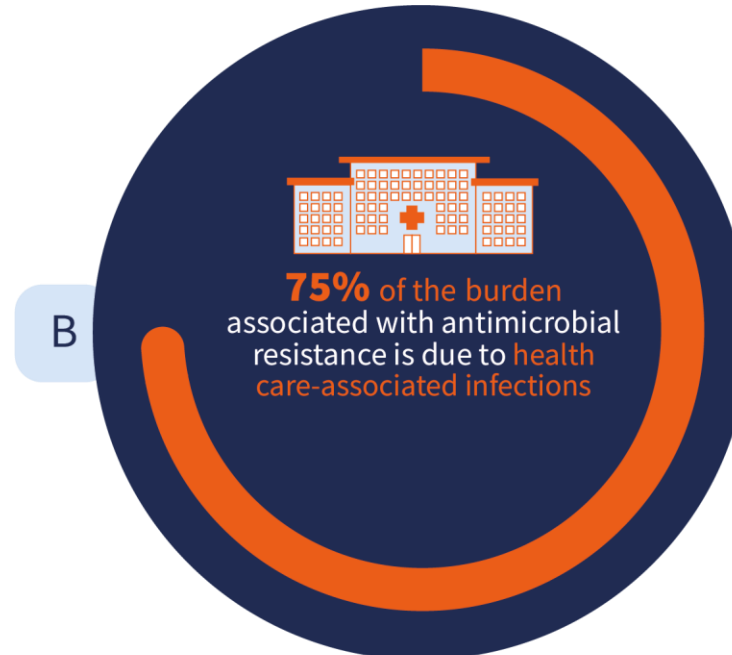
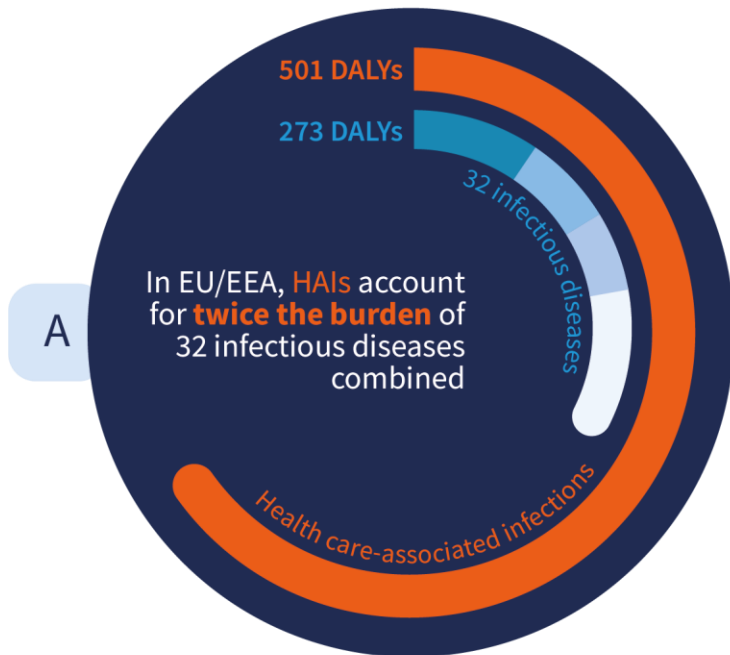
<https://www.who.int/publications/i/item/9789240103986>

# The case for investment and action in infection prevention and control



<https://www.who.int/publications/m/item/the-case-for-investment-and-action-in-infection-prevention-and-control>

# The AMR burden is predominantly associated with health care



- **136 million\*** hospital-associated antibiotic resistant infections per year, globally.
- HAI frequency is significantly higher in low- and middle-income than in high-income countries.
- It varies from about **7%** in the European region up to **27%** in Africa.

[WHO Global Report on Infection Prevention and Control 2024  
https://www.who.int/publications/i/item/9789240103986](https://www.who.int/publications/i/item/9789240103986)

Cassini A, et al. *PLoS Med* 2016;13(10):e1002150

Cassini A, et al. *Eurosurveillance* 2018;23(16):pii=17-00454

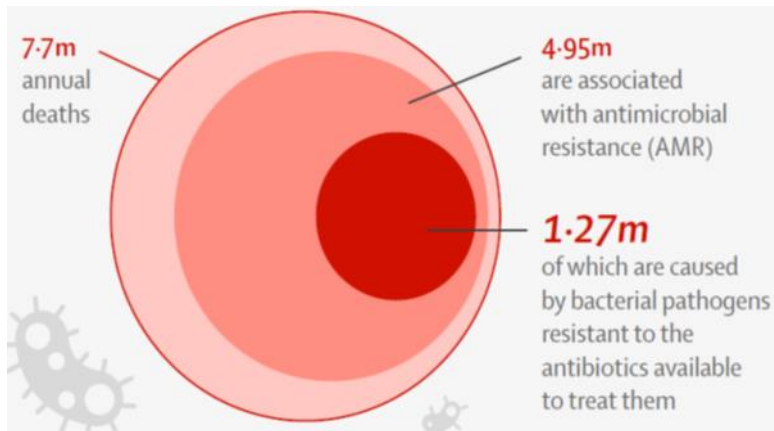
Cassini A, et al. *Lancet Infect Dis*. 2019 Jan;19(1):56-66. doi: 10.1016/S1473-3099(18)30605-4.

\*(95% credible interval (CI) 26-246 million)

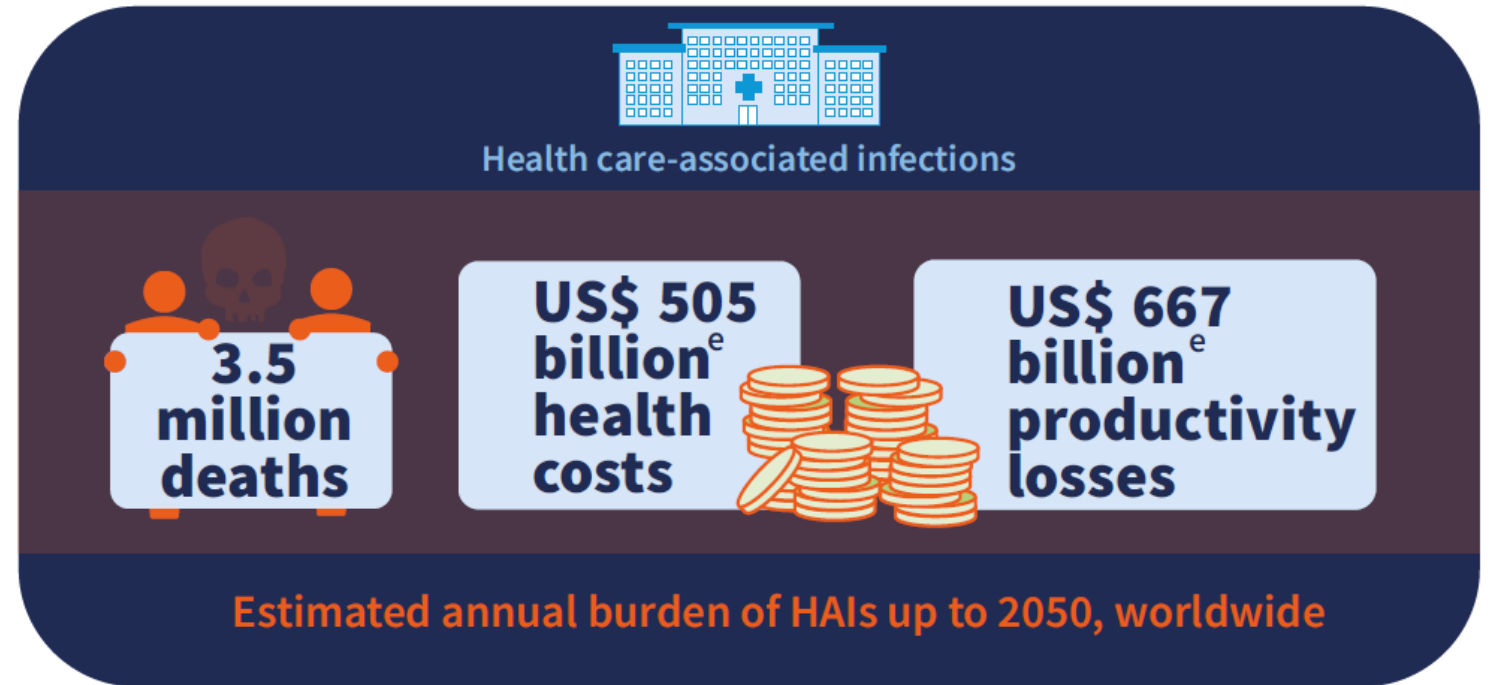
Balasubramanian R, et al; *PLoS Med* 2023

<https://doi.org/10.1371/journal.pmed.1004178>

# AMR & HAIs have huge consequences on patients and health systems



The Lancet Series on Antimicrobial Resistance, 2024.  
[https://www.thelancet.com/series/antibiotic-resistance?dgcid=tlcom\\_infographic\\_amr2024\\_lancet](https://www.thelancet.com/series/antibiotic-resistance?dgcid=tlcom_infographic_amr2024_lancet)



<sup>e</sup>Adjusted to purchasing power parity

WHO global report 2024 and investment case on IPC.  
<https://www.who.int/publications/i/item/9789240103986>

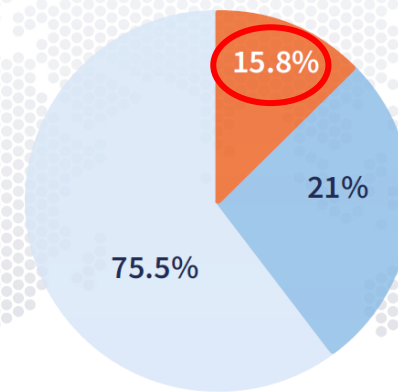
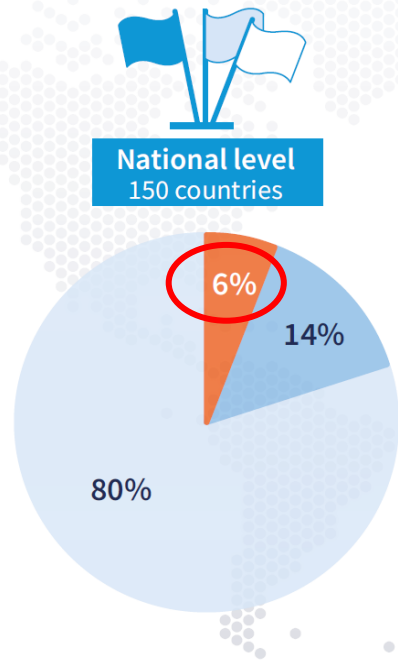
# Globally, major WASH and IPC gaps persist: 2024 global reports



- WATER** | 1 in 4 HCFs lacks **basic water**—facilities serving 1.7 billion people
- HAND HYGIENE** | 2 in 5 HCF lacks **hand hygiene** (at points of care and toilets)

## WHO Global survey on IPC, 2023–2024

National median score  
(150 countries)  
**68 (56-84)**



Facility\* median score  
**84 (76-93)**

- 100% of WHO IPC minimum requirements are met
- At least 90% of WHO IPC minimum requirements are met
- At least 50% of WHO IPC minimum requirements are met

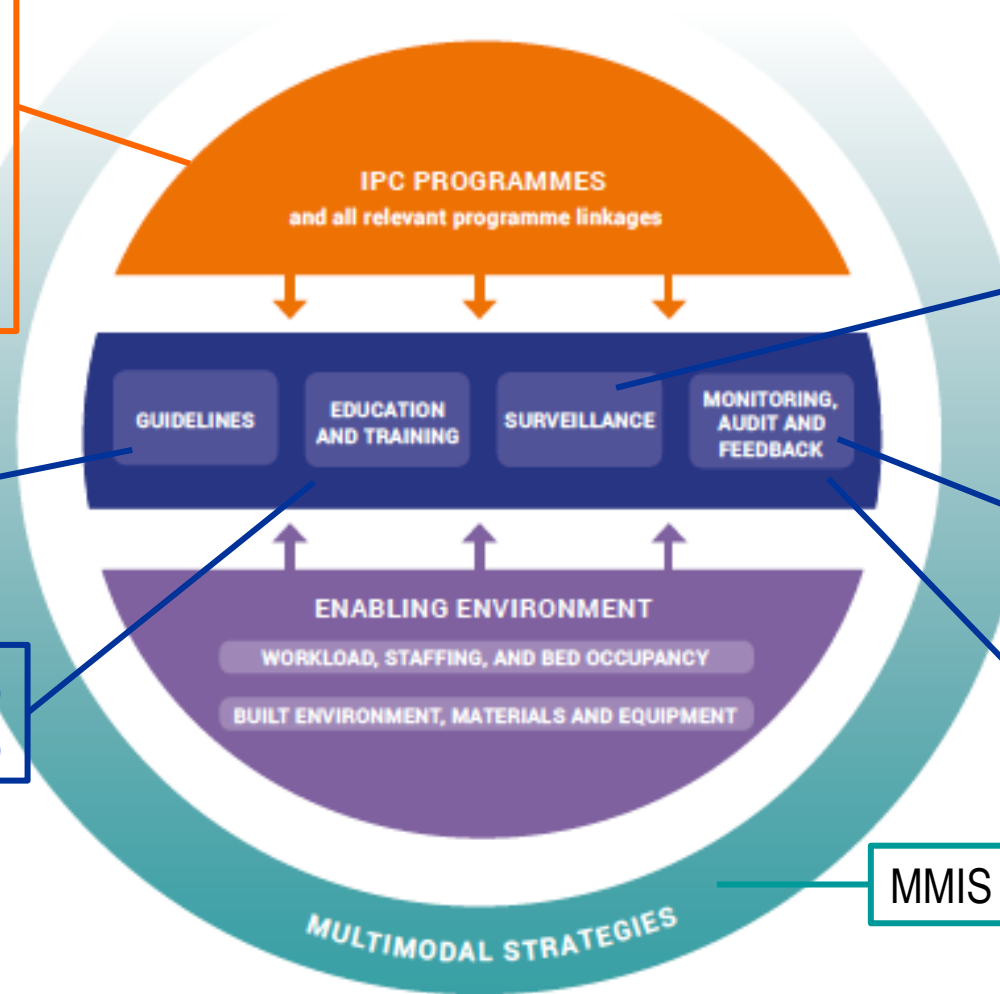
\*2ary & 3ary HCFs (1264)

# Implementation of the WHO IPC Core Components at national level, 2023-24

- Active national IPC programme: **71.3%**
- IPC focal point : **90.0%**
  - with dedicated time: **58.7%**
- Budget: **44.0%**
- IPC programme implementation nationwide: **38%\***

IPC guidelines: **90.7%**  
Adaptation: **82.0%**

IPC curriculum for in-service training: **38.0%**  
➤ National support for HCF training: **81.3%**



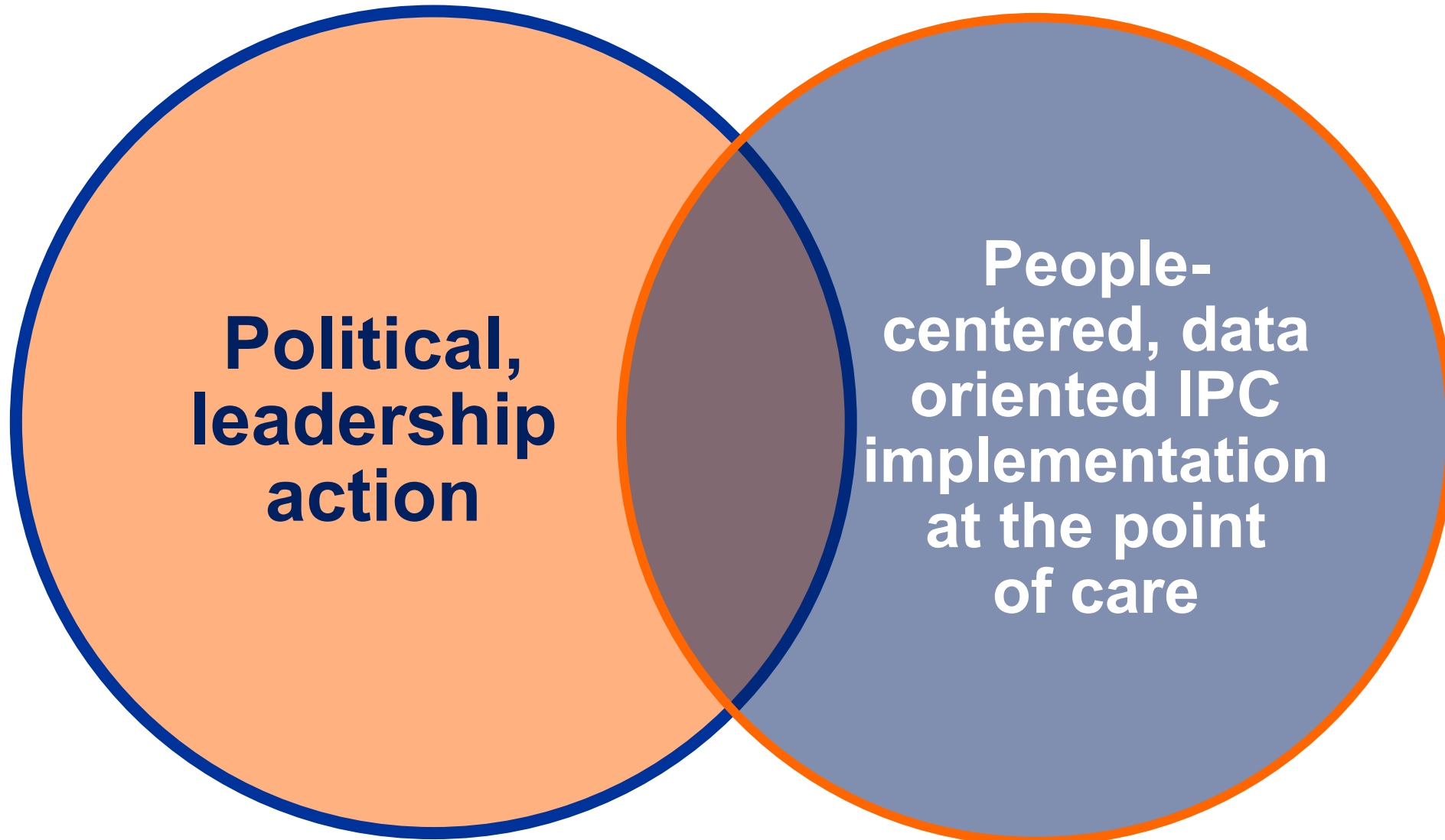
HAI surveillance plan: **50.0%**  
➤ System: **51.0%\*\***

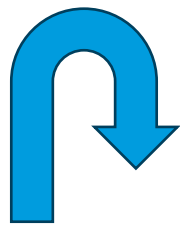
IPC monitoring plan & system: **51.3%**

HH national indicator: **68.0%**

MMIS promotion for IPC interventions: **75.3%**

# IPC efficiency & effectiveness can be achieved through





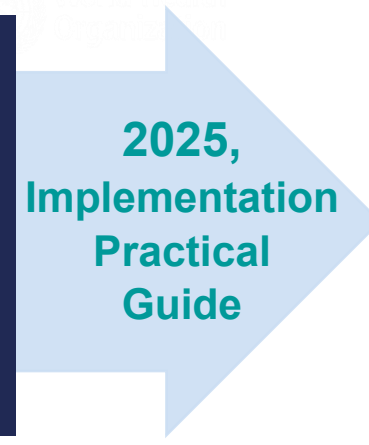
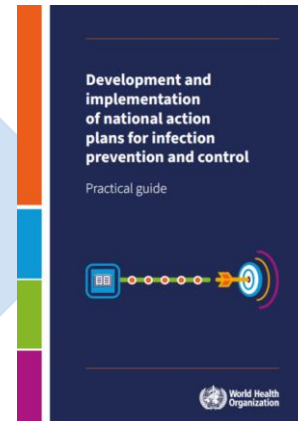
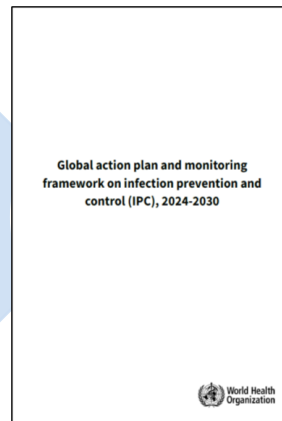
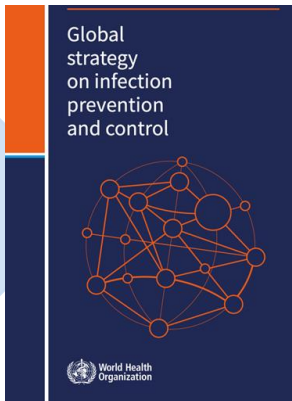
# turning point in the history of IPC



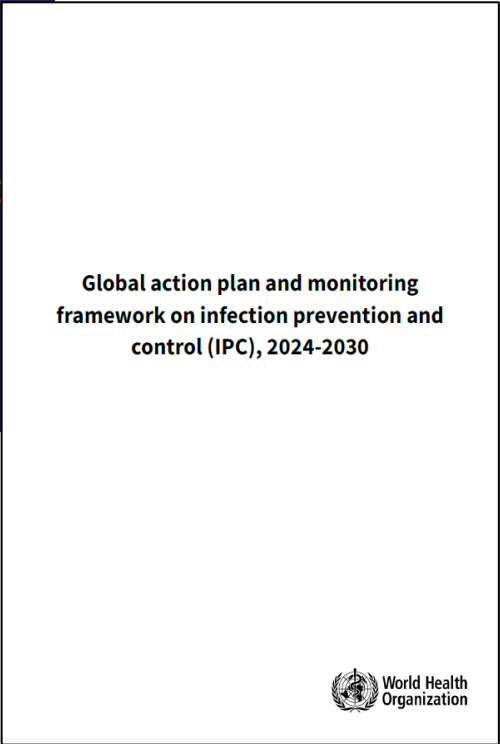
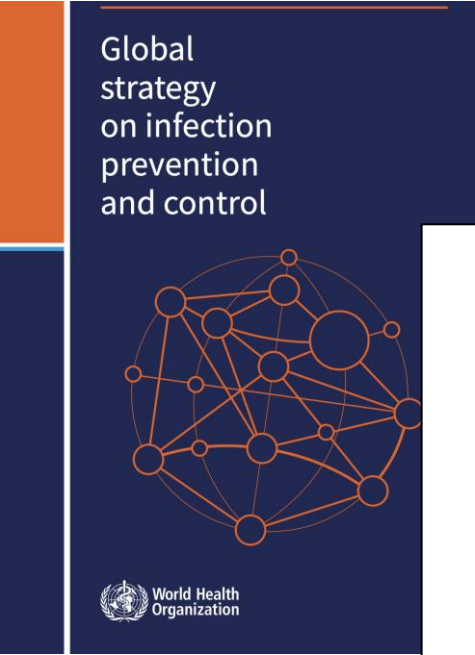
## 2024 UNGA DECLARATION 9 September 2024

### Political Declaration of the High-level Meeting on Antimicrobial Resistance

We, Heads of State and Government and representatives of States and Governments, are assembled at the United Nations on 26 September 2024, in accordance with General Assembly resolution 78/269, to review progress on global, regional and national efforts to tackle antimicrobial resistance, to identify gaps and invest in sustainable solutions to strengthen and accelerate multisectoral progress at all levels, through a One Health approach, with a view to scaling up the global effort to build a healthier world based on equity and leaving no one behind, and in this regard we:



# New global strategy, action plan and monitoring framework on IPC



Eight strategic directions provide the overall guiding framework for country actions to implement the GSIPC

**1** Political commitment and policies

**2** Active IPC programmes

**3** IPC integration and coordination

**4** IPC knowledge of health and care workers and career pathways for IPC professionals

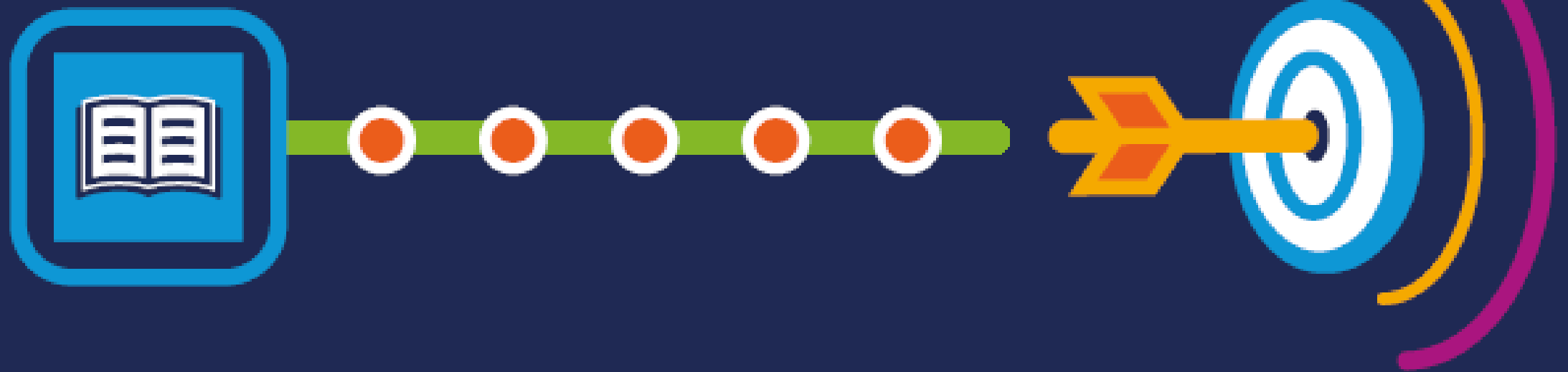
**5** Data for action

**6** Advocacy and communications

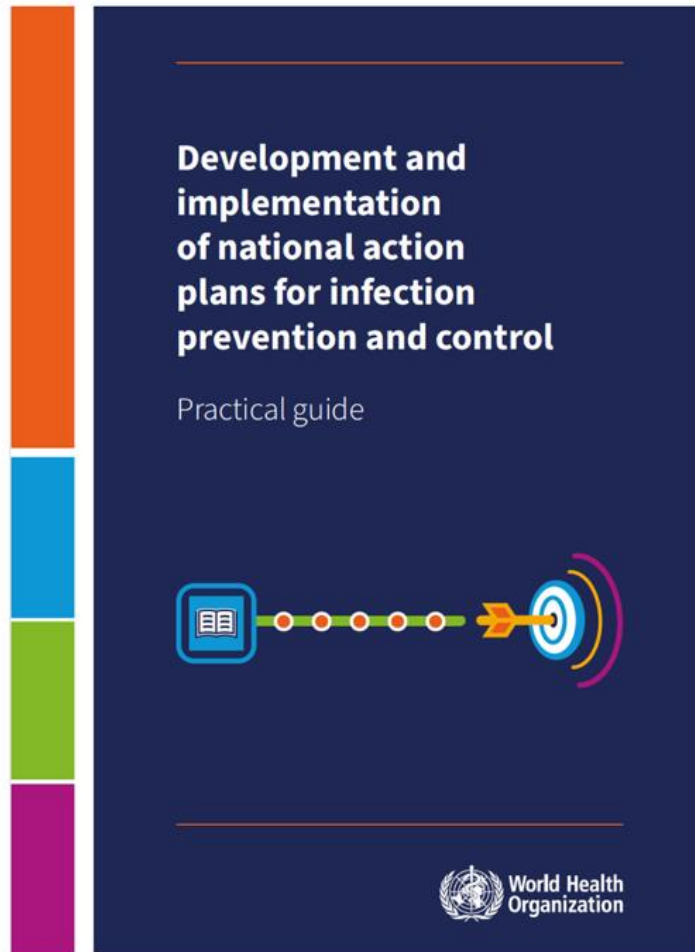
**7** Research and development

**8** Collaboration and stakeholders' support

# IPC Monitoring framework



# Implementation and dissemination!

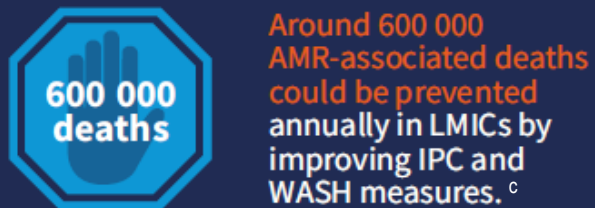
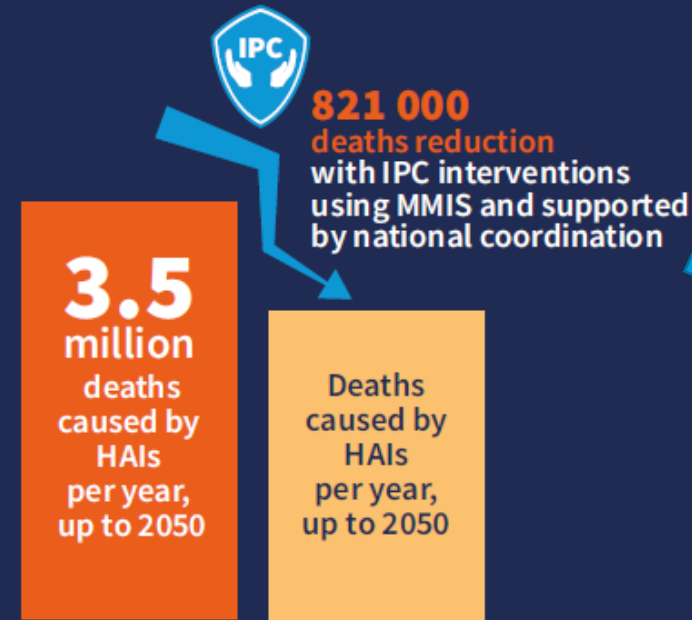


- To provide a practical, stepwise approach to the development and implementation of an IPC NAP;
- To outline a suite of tools, resources and inspirational country stories to help prioritize, cost, implement, monitor and evaluate NAP activities.



# IPC at the point of care: WHO multimodal improvement strategy





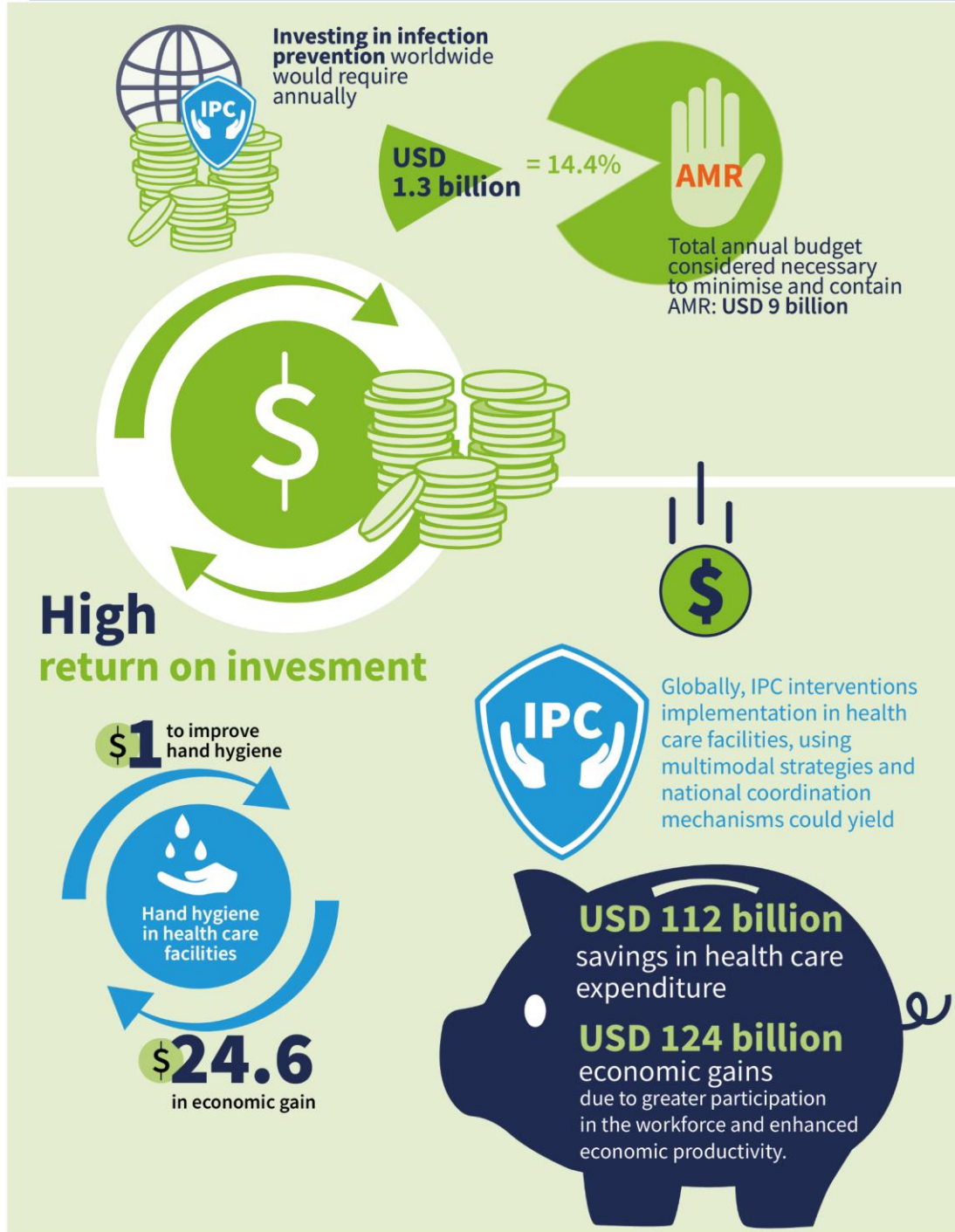
**Implementation of multimodal IPC interventions at the HCFs supported by national or subnational coordination, could lead to significant reductions in annual mortality rates attributable to HAIs**

<sup>a</sup> WHO global report on IPC 2022 (<https://www.who.int/publications/i/item/9789240051164>)

<sup>b</sup> Antimicrobial resistance. Tackling the burden in the European Union. OECD, 2019. [https://www.oecd.org/en/publications/antimicrobial-resistance-tackling-the-burden-in-the-european-union\\_33cbfc1c-en.html](https://www.oecd.org/en/publications/antimicrobial-resistance-tackling-the-burden-in-the-european-union_33cbfc1c-en.html)

<sup>c</sup> The Lancet Series on Antimicrobial Resistance, 2024. [https://www.thelancet.com/series/antibiotic-resistance?dgcid=tlcom\\_infographic\\_amr2024\\_lancet](https://www.thelancet.com/series/antibiotic-resistance?dgcid=tlcom_infographic_amr2024_lancet)

# The economic return in IPC investment: IPC reduces health care costs and generates economic gains



**Thank you very much for your attention**

