



# General Directorate of Infection Prevention and Control

Operational Performance Indicator of Infection Control  
2024





## The aim of the indicator

Measuring the rate of implementation of infection control measures in the healthcare facilities.

## Frequency

Quarterly

## The main components of the indicator

1. Surveillance for bloodstream infections associated with central venous catheters.
2. Commitment to reporting and controlling health care-associated outbreaks.
3. The Compliance Rate of Infection Prevention & Control (IPC) Standards in Healthcare Facilities.
4. The Implementation of A Continuous Training Program on The Basic Infection Control Skills in Healthcare Facilities.



The owner of the indicator

General Directorate of Infection Prevention & Control

Owner of measurement

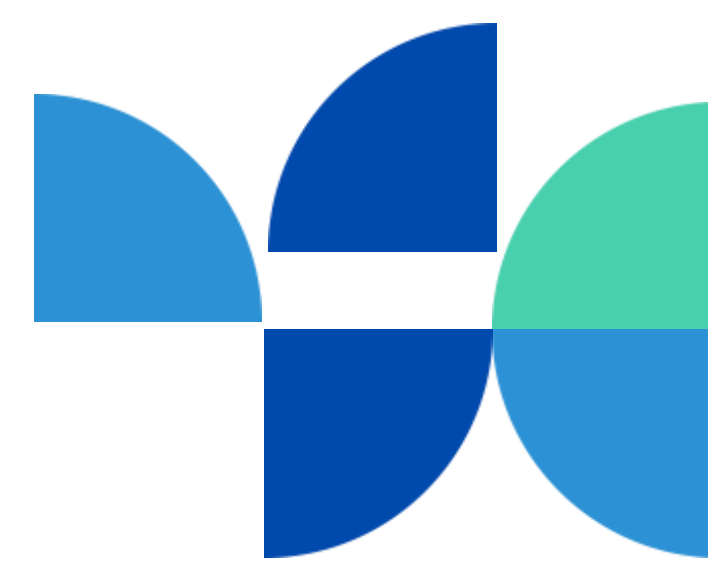
Department of infection control in health facilities in the directorates

Information Collection Methods

By filling out the operational indicator form (Excel) by the Health Facilities Infection Control Department in the Regional directorates.



# 1. Surveillance of Healthcare-Associated Infections (HAIs).



Weight from the overall indicator

30%

Sub-indicator	Indicator Definition	Weight	Equation	Calculation	Data source
Central Line Associated Bloodstream Infection (CLABSI) rate in Intensive Care Units (ICUs)	The indicator aims to measure the CLABSI rate in adult and neonatal ICUs according to the facility's scope of service, and compare it with the national and international benchmarks, based on the international approved definition.	100 %	Total No. of events /central line days *1000	<p><b>In Adult Intensive Care Unit</b></p> <ul style="list-style-type: none"> <li>■ (0 – 0.9) = 100 %</li> <li>■ (&gt;0.9 – 1.8) = 50 %</li> <li>■ &gt; 1.8 = 0%</li> </ul> <p><b>In Neonatal Intensive Care Units</b></p> <ul style="list-style-type: none"> <li>■ (0 – 1.12) = 100 %</li> <li>■ (&gt; 1.12 – 3.74) = 50 %</li> <li>■ &gt; 3.74 = 0%</li> </ul>	HESN+

\* (0.9): The strategic goal of the General Department of Health Facilities Infection Control to reduce the rate of bloodstream infections associated with central venous catheters in adult intensive care units and is equivalent to the global benchmark (CDC).



## 2. Adherence to Healthcare-Associated Outbreak Notification.



Weight from the overall indicator

30%

Sub-indicator	Indicator Definition	Weight	Equation	Calculation	Data source
The ability of healthcare facilities for the early detection of the health care-associated outbreaks	The indicator aims to measure the rate of early detection of health care-related outbreaks ( <b>Level C</b> ) relative to the total health facility outbreaks during the past 3 months according to the updated national guide and the approved mechanism.	50 %	Number of reports of level C outbreaks in the facility/total number of reports of outbreaks in the facility during the past 3 months * 100	<ul style="list-style-type: none"><li>■ <math>\geq 1</math> notification over the last 9 months = 100%</li><li>■ No notification = 0%</li></ul>	GDIPC Platform
The ability of healthcare facilities to control the health care-associated outbreaks	The indicator aims to measure the percentage of control and control of outbreaks associated with health care and their non-transition to the higher level ( <b>level C to B or A or level B to A</b> ) of the percentage of total health facility outbreaks during the past 3 months according to the updated national guide and the approved mechanism.	50 %	Number of controlled and controlled outbreak reports in the facility/total number of outbreak reports in the facility during the past 3 months * 100	Based on the percentage	GDIPC Platform

### 3. The Compliance Rate of Infection Prevention & Control (IPC) Standards in Healthcare Facilities.



Weight from the overall indicator

30%

Sub-indicator	Indicator Definition	Weight	Equation	Indicator Calculation	Data source
Infection Prevention & Control (IPC) standards compliance rate in healthcare facility	The indicator aims to measure the hospitals' compliance rate in regard to the implementation of IPC standards through a tool that is updated and approved semiannually by the General Directorate of Infection Prevention & Control (GDIPC) based on the national and international latest updated references. The measurement of the hospitals' compliance rate is conducted through assessment visits that is performed by licensed and approved infection control auditors.	100 %	Compliance rate	Based on the percentage	GDIPC Platform

#### 4. The Implementation of A Continuous Training Program on The Basic Infection Control Skills in Healthcare Facilities.



Weight from the overall indicator

10%

Sub-indicator	Indicator Definition	Weight	Equation	Calculation	Data source
Percentage of health facility coverage with the targeted number of trained health practitioners who hold a basic infection control skills license	The indicator aims to measure the number of targeted health practitioners in the facility who hold the Basic Infection Control Skills License (BICSL)	100%	Actual number of certified BICSL trainees in the facility/target number of health practitioners in the facility *100	Based on the percentage	HESN+



## Indicator Quality

The quality of indicators is checked on a quarterly basis by the GDIPC.

## Indicator Sharing

Within the framework of the responsibilities of the General Administration for Health Facilities Infection Control and the Vision Realization Office in order to develop infection control departments, ensure the stability and continuity of program performance, and enable everything that would contribute to supporting efforts to achieve the strategic goals of the health transformation program in the Kingdom. The operational performance indicator for infection control in the Kingdom will be shared with the relevant authorities on the tenth day of the beginning of each quarter.

## Indicator Improvement

The index is subject to improvement and modification in its basic components and method of calculation based on the recommendations and observations that are developed to benefit the improvement of the performance of infection control programs in the Kingdom, ensure the preservation of the quality of health care provision, and support the health transformation process.







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