

# ICU Antimicrobial Utilization - Antimicrobial-free Days (AFD) (Retired)

## Alternate Name\*

Antimicrobial-free Days (AFD)

## INDICATOR DESCRIPTION

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### Description\*

This indicator measures the number of antimicrobial-free days (both antibacterial and antifungal) in ICU for the reporting period.

**Antimicrobial-free days:** Number of patient-days when both antifungal and antibacterial therapies were not administered (for the selected reporting period and entity)

### HQO Reporting tool/product

Quality Improvement Plans (QIPs)

### Dimension\*

Safe

### Type\*

Process

## DEFINITION AND SOURCE INFORMATION

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### Unit of Measurement\*

Rate per 1,000 patient-days

### Calculation Methods\*

The rate is calculated as: numerator divided denominator times 1000

### Numerator (short description i.e. not inclusions/exclusions)\*

Total number of antimicrobial-free days (sum of all ICU patient days where number of antibacterial and antifungal therapy days = 0)

### Denominator (short description i.e. not inclusions/exclusions)\*

Total patient days in ICU for the reporting period

### Adjustment (risk, age/sex standardization)- generalized

None

### Data Source

Critical Care Information System (CCIS)

## OTHER RELEVANT INFORMATION

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### Caveats and Limitations

Since it is generally accepted that 30-50% of antimicrobials used in acute care are unnecessary or inappropriate, the desired directionality is an upward trend in the number of antimicrobial-free days. However, for mature ASPs where ICU stewardship efforts have been optimized, this metric would be expected to plateau and the target should be to maintain.

### Comments Summary

This is an additional QIP indicator for 2018/19. Current performance reporting period: recent quarter available, with monthly trends. To access data: Critical Care Information System (CCIS) ICU Reports, 10.2b Antimicrobial Free Days (Trend) This indicator was retired in the 2019/20 QIP.

## TAGS

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### TAGS\*

Acute Care/Hospital  
Process  
Other  
Safe  
Critical Care Information System (CCIS)

## PUBLISH

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### PUBLISH DATETIME\*

05/03/2019 17:43:00