

# KASIC Year One Survey Report

Kentucky Antimicrobial Stewardship Innovation Consortium



## Introduction:

The Kentucky Antimicrobial Stewardship Innovation Consortium (KASIC) was started in the summer of 2022. Over the first year, KASIC has grown and expanded to meet the needs of healthcare workers participating in antimicrobial stewardship programs. The KASIC Year One Survey was developed to evaluate KASIC's impact during its first year. The primary aim is to gather comprehensive insights into KASIC network members' experiences, perceptions, specific needs, and feedback for KASIC. The information gathered will help shape the future trajectory of KASIC.

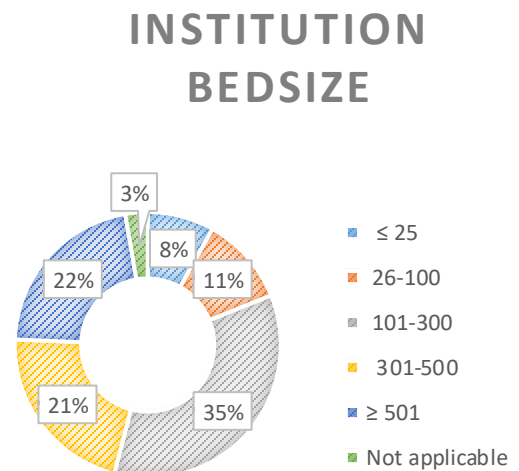
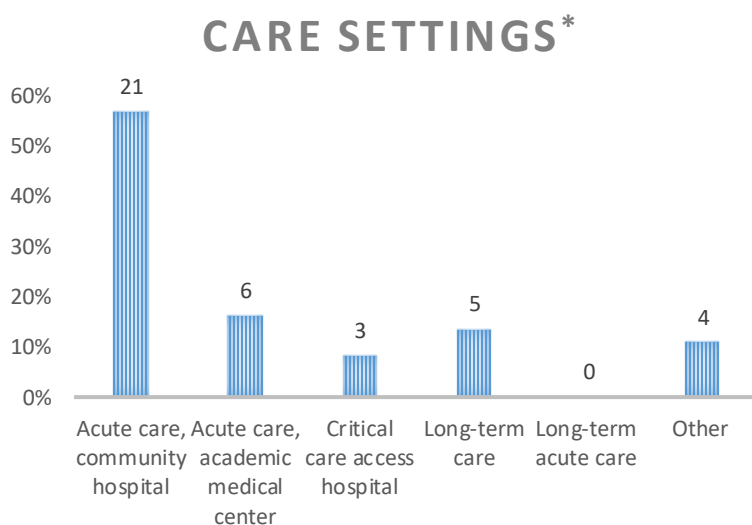
## Methods:

The survey was created using REDCap and distributed via email to all KASIC network members and through KASICX (formerly known as Twitter) account in August 2023. There were over 850 KASIC network members and over 300 followers on KASIC-Twitter account in August 2023.

## Results:

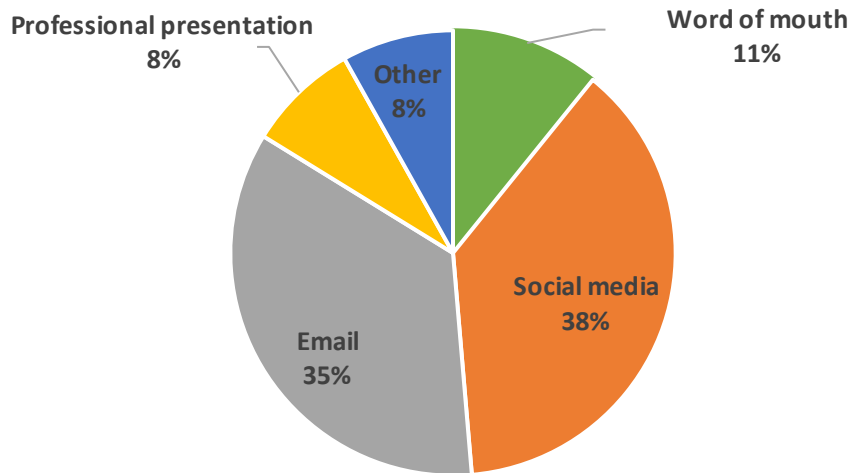
The survey was open from 8/15/23 – 9/12/23. There was a total of 37 responses. 27 (73%) respondents work in Kentucky.

## Demographics



\*Some respondents note working in multiple care settings

**Question 1:** How did you hear about KASIC?



**Question 2:** How would you rate the helpfulness of KASIC resources on a scale of 1 to 5? (1 = not helpful, 5 = very helpful)

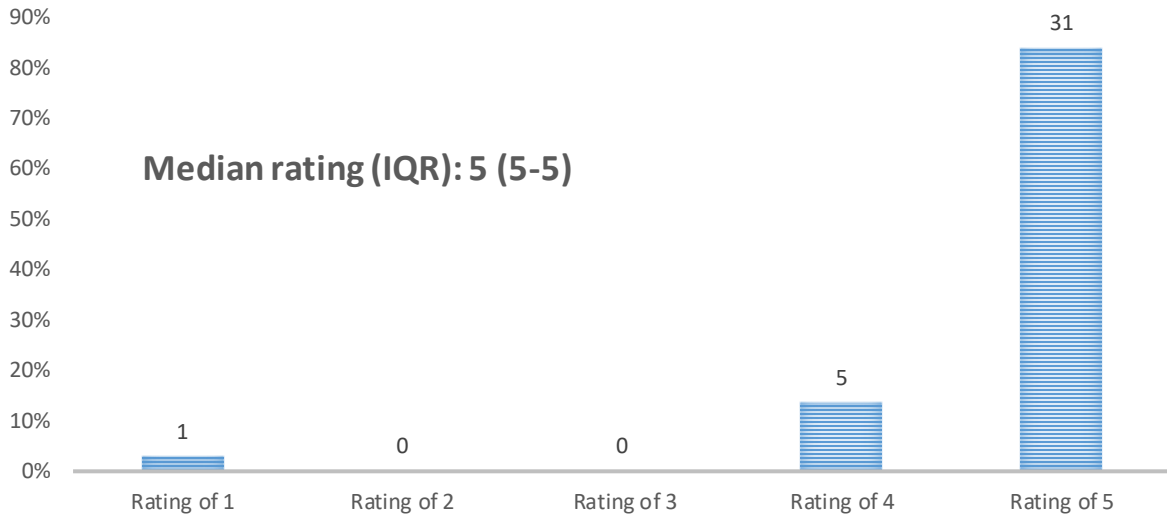
| Answer                 | Median helpfulness rating (IQR) | Percent of respondents using resource |
|------------------------|---------------------------------|---------------------------------------|
| Educational pearls     | 5 (5-5)                         | 100%                                  |
| KASIC website          | 5 (4-5)                         | 84%                                   |
| KASIC newsletter       | 5 (4-5)                         | 84%                                   |
| Case based education   | 5 (4.3-5)                       | 81%                                   |
| Access to experts      | 5 (5-5)                         | 49%                                   |
| Live presentations     | 5 (4-5)                         | 40%                                   |
| Recorded presentations | 5 (5-5)                         | 38%                                   |
| Virtual office hours   | 5 (4-5)                         | 38%                                   |

**Question 3:** What impact have you seen in your institution that has been supported by KASIC resources? (Select all that apply)

| Answer                                     | Percent of respondents |
|--|------------------------|
| Improved healthcare professional education | 78%                    |
| Increased clinical confidence              | 70%                    |
| Improved data tracking and reporting       | 22%                    |
| Decreased broad-spectrum antibiotic use    | 19%                    |
| Decreased CDI rates or fewer MDRO          | 3%                     |
| Other*                                     | 5%                     |

\*Implementation of treatment guidelines and other ASP standards  
 CDI = *Clostridioides difficile* infection; MDRO = multidrug resistant organisms

**Question 4:** How likely are you to recommend KASIC to others on a scale of 1 to 5?  
(1 = lowest likelihood, 5 = highest likelihood)



**Question 5:** What would you like to see in future from KASIC? What could we do differently to meet your needs? (Free text)

| Answer                | Percent of respondents |
|-----------------------|------------------------|
| More education        | 30%                    |
| More protocol sharing | 3%                     |
| Live networking       | 3%                     |
| Emphasis in LTC/MDRO  | 3%                     |
| Other*                | 11%                    |

\*Several infection prevention topics requested  
LTC = Long-term care

**Testimonials:**

“As an ID pharmacist, KASIC has been a great resource to supplement the learning of my students and residents. The topics are quick, easy, and relevant to practice. KASIC's ability to concisely summarize complex issues has made it easy to provide on point education to practicing clinical pharmacists and physicians.”

“The Pearls/cases are very helpful for clinicians and trainees. Having short and concise learning topics is great when working with trainees to hand out in addition to the in person education we provide.”

“I am from Malaysia (UM, KL) But I can say this - your clinical pearls are succinct and clear and this is important - we ID at times talk on ways that might interfere with optimal learning for our colleagues in non-ID field. So thank you guys!”

“We love the frequency and style of the education.”

“Keep up the good work.”

## Summary:

In general, majority of respondents work in Kentucky in acute care hospital setting.

- Most respondents found KASIC resources to be very helpful especially with KASIC pearls, case-based education, website, and newsletters.
- Most respondents noted that KASIC resources support antimicrobial stewardship activities at their institutions including but not limited to increased healthcare professional education and increased clinical confidence.
- Some respondents noted that KASIC resources lead to improved data tracking and reporting as well as decreased broad spectrum antibiotic use.
- Most respondents (97.3%) rated that they would likely or very likely recommend KASIC to others.

### Actions for Future

- Continue education (pearls and cases)
- Develop stewardship education and materials focused in long-term care setting
- Share requested infection prevention topics with Kentucky Infection Prevention Training Center
- Evaluate feasibility of in-person networking/education session