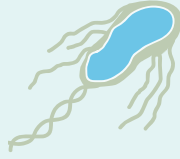
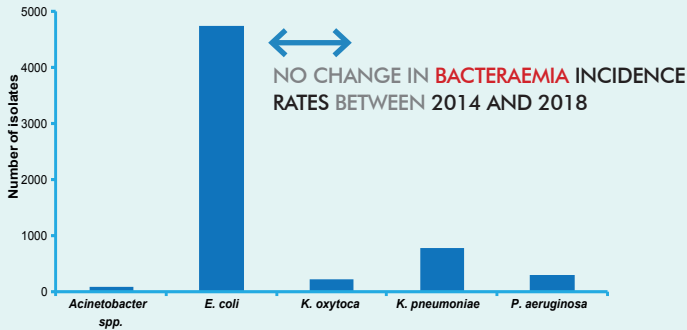


# Gram-negative Bacteraemia



**GRAM-NEGATIVE BACTERIA** ARE AN IMPORTANT CAUSE OF SERIOUS INFECTIONS IN HEALTHCARE AND COMMUNITY SETTINGS. IN SCOTLAND, **E. COLI** IS THE MOST COMMON PATHOGEN CAUSING BACTERAEMIA.

## ALL GRAM-NEGATIVE BACTERAEMIA IN 2018



**4,738** CASES OF **E. COLI** BACTERAEMIA IN 2018

**87.3** ANNUAL INCIDENCE RATE OF **E. COLI** BACTERAEMIA IN 2018 PER 100,000 POPULATION

## HEALTHCARE ASSOCIATED **E. COLI** BACTERAEMIA

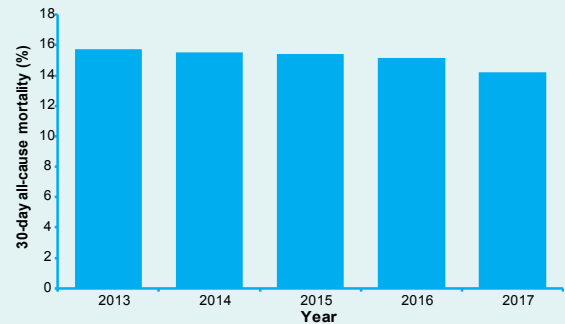
**37.4** PER 100,000 BED DAYS IN 2018

## COMMUNITY ASSOCIATED **E. COLI** BACTERAEMIA

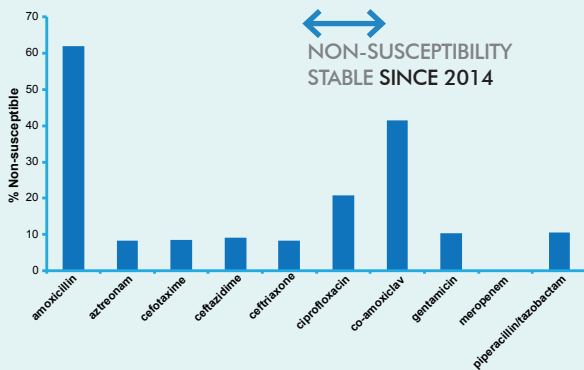
**45.1** PER 100,000 POPULATION IN 2018

## **E. COLI** BACTERAEMIA 30-DAY ALL-CAUSE MORTALITY (%)

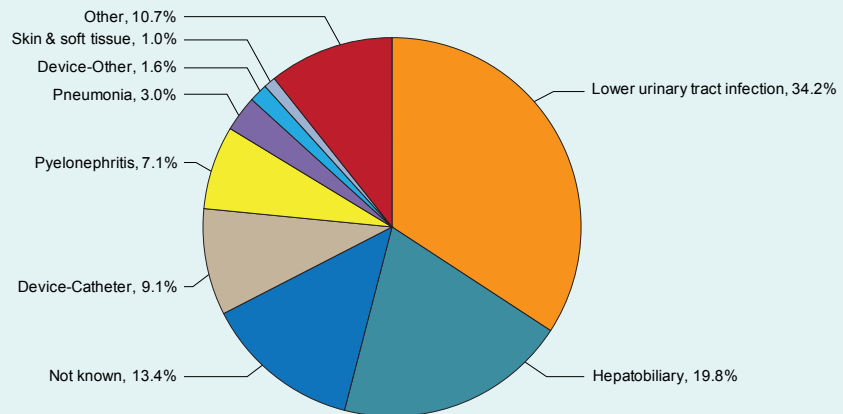
**2.2%** YEAR ON YEAR DECREASE IN MORTALITY BETWEEN 2013 AND 2017



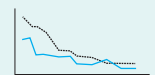
## ANTIMICROBIAL SUSCEPTIBILITY IN **E. COLI** BACTERAEMIA IN 2018



## **E. COLI** BACTERAEMIA PRIMARY INFECTION IN 2018



## QUALITY IMPROVEMENT AND INTERVENTIONS TO REDUCE **E. COLI** BACTERAEMIA



- PREVENTION AND IMPROVEMENTS OF CLINICAL MANAGEMENT OF PRIMARY INFECTIONS (UTIs) ARISING IN THE COMMUNITY SETTING
- COLLABORATION WITH NHS BOARDS AND SAPG
- ENHANCED SURVEILLANCE