

# Decolonization Events Analysis

## Single-Facility Analysis

2025-10-29

### Data Summary

Total decolonization events: 9644

Unique patients decolonized: 9240

Simulation period: Day 18 to Day 5474

Total days: 5457

### Descriptive Statistics

#### Daily Decolonization Events Summary

Table 1: Descriptive Statistics for Daily Decolonization Events

Mean	Median	SD	Min	Max	Q1	Q3	IQR
2.15	2	1.21	1	11	1	3	2

#### Patient Decolonization Frequency

Table 2: Frequency of Decolonization Events per Patient

Times Decolonized	Number of Patients	Percentage
1	8897	96.3
2	299	3.2
3	33	0.4
4	5	0.1
5	6	0.1

## Visualizations

### Distribution of Daily Decolonization Events

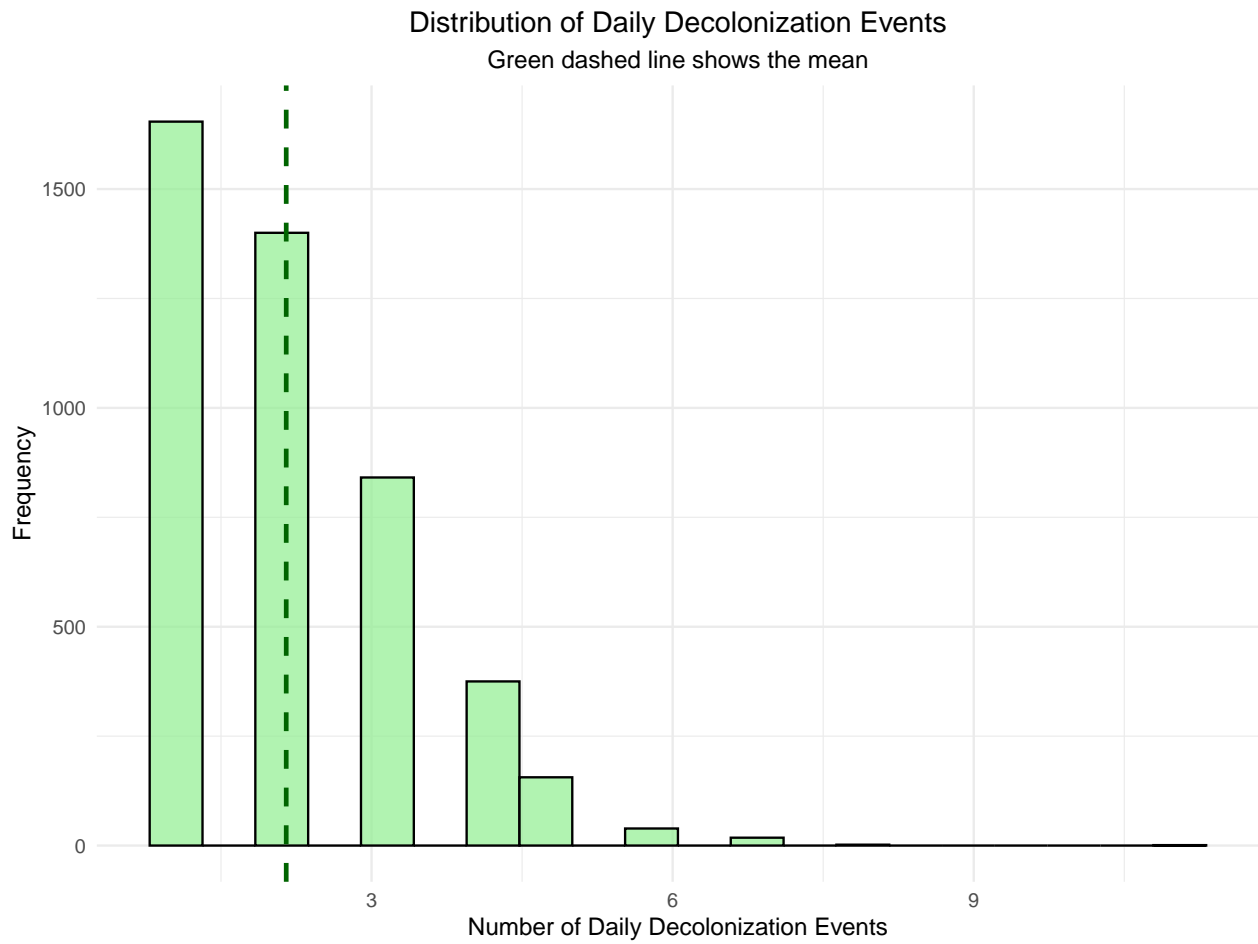


Figure 1: Distribution of Daily Decolonization Events