Metrics for the Judicious Use of Antibiotics
Experience in Human Health

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Basic Metric Categories

- Antibiotic Use
  - Prescription data

- Antibiotic Stewardship
  - Facility data

- ARtrends and spread
  - Microbiologic data
Community Antibiotic Prescribing Rates per 1000 Population — United States, 2014

Data: IMS Health Xponent
http://www.cdc.gov/getsmart/community/programs-measurement/measuring-antibiotic-prescribing.html

Lowest state: 501 per 1000

Highest state: 1,285 per 1000
Percent of Hospitals with Antibiotic Stewardship Programs by State, 2015*

Nationally, 48.1% of all hospitals have stewardship programs (2,199 of 4,549); the national goal is 100% of hospitals by 2020.

*A hospital stewardship program is defined as a program following all 7 of CDC’s Core Elements of Hospital Antibiotic Stewardship Programs.
Source: CDC’s National Healthcare Safety Network (NHSN) Survey
CDC’s Core Elements of Hospital Antibiotic Stewardship Programs

1. Leadership Commitment
2. Accountability
3. Drug Expertise
4. Action
5. Tracking
6. Reporting
7. Education

http://www.cdc.gov/getsmart/healthcare/implementation/core-elements.html
First type of CRE found in the US spread from 2 states in 2001 to 48 states, DC, and PR in 15 years.
Thank You

For more information please contact Centers for Disease Control and Prevention

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