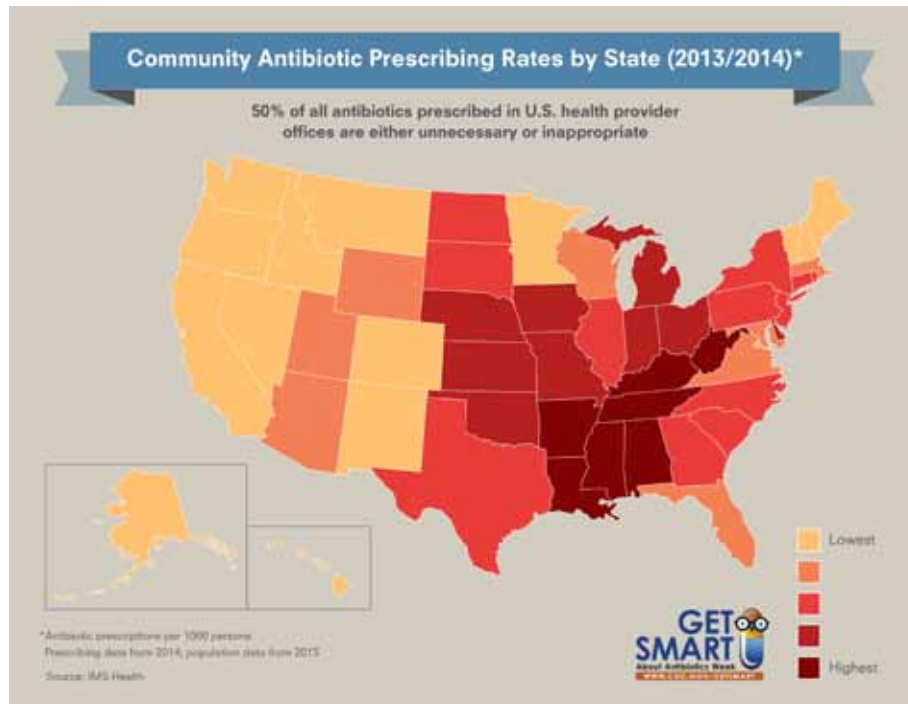


# Antibiotic Stewardship Initiative for Outpatient Healthcare

## The Dilemma

Concerned about the rise of antibiotic resistance? As an outpatient healthcare provider, how can you help tackle this critical concern? What resources are available to outpatient providers to help solve this threat?

Antibiotic stewardship programs are designed to **strategically approach, monitor, reduce and prevent misuse and overuse** of antibiotics in healthcare settings. The Centers for Disease Control and Prevention (CDC) released core elements of antibiotic stewardship in outpatient settings to help guide providers in the right direction. Establishing effective antibiotic stewardship interventions can **protect patients and improve clinical outcomes** in outpatient healthcare settings.



The Great Plains Quality Innovation Network (QIN) invites you to participate in our quality improvement initiative: Combatting Antibiotic Resistant Bacteria through Antibiotic Stewardship in Communities. We will work together to spread the principles of antibiotic stewardship among recruited outpatient settings at the point of care, when the antibiotics are being prescribed. We want to ensure that the right drug, dose and duration are carefully selected and customized specifically for each individual. **The goal of this initiative is to increase the number of outpatient settings that have incorporated at least one activity for all four core elements of outpatient antibiotic stewardship.**



More than **2 million** infections and **23,000** deaths occur each year due to antibiotic resistance<sup>1</sup>

Antibiotics cause **1 out of 5** emergency department visits for Adverse Drug Events (ADEs)<sup>2, 3</sup>

**Roughly 30%** of antibiotic prescriptions in the United States are unnecessary<sup>1</sup>

1 Antibiotic Resistance National Summary Data. (n.d.). Retrieved October 7, 2016, from <https://www.cdc.gov/drugresistance/pdf/3-2013-508.pdf>

2 Bourgeois FT, Mandl KD, Valim C, Shannon MW. Pediatric adverse drug events in the outpatient setting: An 11-year national analysis. *Pediatrics*. 2009;124(4):e744-50.

3 Budnitz DS, Pollock DA, Weidenbach KN, Mendelsohn AB, Schroeder TJ, Annest JL. National surveillance of emergency department visits for outpatient adverse drug events. *JAMA*. 2006;296(15):1858-66.

## Eligible Outpatient Facilities

- Emergency departments
- Federally Qualified Health Centers (FQHCs) or community centers
- Outpatient clinics
- Outpatient pharmacies
- Pharmacy-based clinics
- Physician offices
- Public health clinics
- Urgent-care centers

## Ways to Get Connected

Join our Learning and Action Network to have access to tools, resources, education, subject matter experts and networking opportunities. You can also get additional details on how to participate in the Combatting Antibiotic Resistant Bacteria through Antibiotic Stewardship initiative, including the Participation Agreement.

The Great Plains QIN was established to carry out the work of the Centers for Medicare & Medicaid Services (CMS) Quality Improvement Organization (QIO) program within Kansas, Nebraska, North Dakota and South Dakota. Great Plains QIN uses the collective knowledge and resources of its members to achieve the aims of better health care that include improved health, safer care and lower healthcare costs.

Learn more on our website:

[www.greatplainsqin.org/antibiotic-stewardship/](http://www.greatplainsqin.org/antibiotic-stewardship/)

**For more information and to get involved, contact a Great Plains QIN team member:**

### **Kansas**

Nadyne Hagmeier, RN  
[nadyne.hagmeier@area-a.hcqis.org](mailto:nadyne.hagmeier@area-a.hcqis.org)  
785-273-2552 x 374

### **North Dakota**

Jean Roland, RN, BSN, CPHQ  
[jean.roland@area-a.hcqis.org](mailto:jean.roland@area-a.hcqis.org)  
701-989-6227

### **Nebraska**

Jackie Trojan, RN, BSN  
[jackie.trojan@area-a.hcqis.org](mailto:jackie.trojan@area-a.hcqis.org)  
402-476-1399 x 531

### **South Dakota**

Cheri Fast, RN, BSN, WOCN  
[cheri.fast@area-a.hcqis.org](mailto:cheri.fast@area-a.hcqis.org)  
605-354-2553

## Core Elements



- Commitment
- Action for policy and practice



- Tracking and reporting



- Education and expertise

## Benefits



- No-cost quality improvement expertise to outpatient healthcare providers



- Practical, evidence-based guidance



- Tailored assistance



- On-point resources
- Ongoing education



This material was prepared by the Great Plains Quality Innovation Network, the Medicare Quality Improvement Organization for Kansas, Nebraska, North Dakota and South Dakota, under contract with the Centers for Medicare & Medicaid Services (CMS), an agency of the U.S. Department of Health and Human Services. The contents presented do not necessarily reflect CMS policy. 11S0W-GPQIN-NE-C3.10-01/0217

[www.greatplainsqin.org](http://www.greatplainsqin.org)