Leadership and Responsibility for Antibiotic Stewardship

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Antibiotic Prescribing Fast Facts

- Healthcare providers prescribed 262.6 million courses of antibiotics in 2011
- Estimates show that 30-50% of antibiotics prescribed in hospitals are unnecessary or inappropriate, over 50% in outpatient clinics are unnecessary
- Antibiotics cause 1 out of 5 emergency department visits for adverse drug events
- 10.7 billion dollars spent on antibiotics in the US in 2009; 6.5 billion outpatient and 3.5 billion inpatient

www.cdc.gov/getsmart

Antibiotic prescribing per 1000 persons by state in 2011 for all ages (A)

*Dark blue category represents 966-1281 prescriptions per 1000 persons

1,149 prescriptions per 1,000 persons

Antibiotic prescribing per 1000 persons by state in 2011 for all ages (A)
Percent of Hospitals with Antibiotic Stewardship Programs by State, 2014*

Antibiotic stewardship programs ensure patients get the right antibiotics at the right time for the right duration.

*A hospital stewardship program is defined as a program following all 7 of CDC core elements of antibiotic stewardship programs.

AE, AP, AS, GU, VI data are not shown due to 7 or fewer hospital respondents but are included in the overall percentage.

Source: CDC’s NHSN Survey

Nationally, 39.2% of all hospitals have stewardship programs (1642 of 4184); the national goal is 100% of hospitals by 2020.

Get Smart About Antibiotics Week
WWW.CDC.GOV/GETSMART

Get Smart About Antibiotics

• CDC initiative that provides education and outreach regarding antibiotic prescribing in both inpatient and outpatient settings

• Numerous resources available on their website: www.cdc.gov/gets smart
  – PowerPoint presentations with scripts, infographics, posters, web tools, etc.
  – Material is targeted for various audiences including public

• ADH has been an official partner since 2013
Arkansas Antimicrobial Stewardship Priorities

- Preventing infections
- Data for action
- Engaging stakeholders across the continuum of healthcare
- Expanded promotion of Get Smart materials
- Continued partnerships established through previous/current activities
- One Health
- Developing an antimicrobial stewardship statewide plan