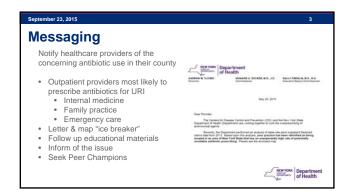


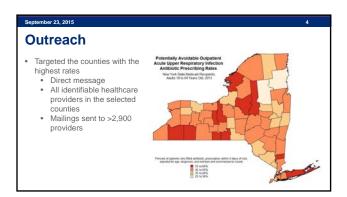
Get Smart: Know When Antibiotics Work in New York State

Identification and Intervention in Outpatient Settings

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| Identification | Identify outpatient settings with high rates of potentially-avoidable antibiotic use among patients with upper respiratory infections for intervention. • Antibiotic prescribing data • 2013 NYS Medicaid outpatient visit and pharmacy claims data • Upper respiratory infections (URI) that don't usually require antibiotics • Adults (18 to 64 yrs) • Established county-level rates for antibiotics filled within four days of outpatient URI visit • Provider zip codes for mapping









Setting: outpatient: ED, Institutional Outpatient, Professional Outpatient Population: Non-dual Medicaid enrollee with at least 60 days (2 months) or eligibility prior to visit and 7 days post visit. Time Period: January 1, 2013 – December 24, 2013 Age groups: Children 3 months to 17 years, Adults 18 to 64 Diagnosis: primary diagnosis of URI (cold 460, acute URI 465, or acute bronchitis 466) and no secondary diagnoses that might require antibiotics (i.e. otitis media (382), nonsuppurative otitis media (381381.4), chronic sinusitis (473), sinusitis (461), acute pharyngitis (462), acute tonsillitis (463), acute laryngitis (464), pneumonia (481-486), strep throat (034.0), UTI (559, 595, 597, 599.0), bacterial infections (041), emphysema (492), and chronic bronchitis (491)). Excluded patients diagnosed with COPD (491.20-491.21, 492.0-492.8, 494, 495.0-495.9, 496) or asthma (493) within 1 year prior and 7 days following the index date. Index Episode: Earliest URI visit in 2013 for a patient that has negative medication history for 30 days

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prior to episode and no competing diagnosis