**Attachment 1 – Description of Data Collection Tools Used**

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| Type of Tool | Purpose | Sources used to Develop Tool | Dates | Participants  (n) |
| Assessment Survey of Current Outpatient Stewardship Practices | Identify practice characteristics, existence of antibiotic management policies and stewardship activities | GNYHA/UHF Antibiotic Stewardship Survey of Hospital Current Practices10 and NHSN Patient Safety Component Annual Hospital Survey | Collected June 2016 | 31 practice assessments from 9 hospitals and/or health systems |
| Chart Abstraction Tool | Retrospective data collection on prescribing for ARIs | ICD-10 codes: J100 acute nasopharyngitis/ common cold; J01 (acute sinusitis), J02 (acute pharyngitis), J03 (acute tonsillitis +/- pharyngitis), J06.9 (acute URI, unspecified), J20 (acute bronchitis), and J40 (bronchitis not specified as acute or chronic) | Reflects patients seen between October 2015-March 2016  Collected June -July 2016 | Median of 30 charts; range [28, 124]; 1,004 charts reviewed total |
| Survey of Antibiotic Prescribers | Assess provider characteristics, knowledge, perceptions and factors influencing prescribing; Included patient clinical vignette. | CDC Interview Tool: Knowledge, Attitudes and Practices Used by Primary Care Providers in Antibiotic Selection11 | Collected June -August 2016 | 302 provider surveys of 1,029 total providers (29.3% response) |

Note. GNYHA, Greater New York Hospital Association; UHF, United Hospital Fund; ARI, Acute Respiratory Infection, ICD, International Statistical Classification of Diseases and Related Health Problems; URI, Upper Respiratory Infection; CDC, U.S. Centers for Disease Control and Prevention; NHSN, National Healthcare Safety Network