Supplemental Digital Content 1. Table. Characteristics of CDC COVID IPC 101 learners who completed training (N=170)*

| Learner Characteristic                                      | n (%)   |
|-------------------------------------------------------------|---------|
| **Health Department Representation**                        |         |
| State CDC-funded HAI/AR Program                             | 136 (80)|
| Local CDC-funded HAI/AR Program                             | 17 (10) |
| Local Health Department without CDC-funded HAI/AR Program    | 17 (10) |
| **Current Health Department Role**                          |         |
| Infection Preventionist                                      | 71 (42) |
| Epidemiologist                                              | 64 (38) |
| Other Role                                                  | 11 (6)  |
| Clinician                                                   | 11 (6)  |
| HAI/AR Program Coordinator                                  | 7 (4)   |
| AR/AS Expert                                                | 6 (4)   |
| **Time in Current Health Department Role Prior to Training†**|         |
| < 1 Year                                                    | 128 (75)|
| 1–5 Years                                                   | 33 (19) |
| > 5 Years                                                   | 9 (5)   |
| **New to HAI or IPC Subject Matter Within Past 1 Year**      |         |
| Yes                                                         | 91 (54) |
| No                                                          | 79 (46) |
| **Self-Rated Healthcare IPC Experience Level Prior to Training‡**|         |
| None                                                        | 14 (8)  |
| Developing or Aware                                         | 47 (28) |
| Approaching Proficiency                                      | 70 (41) |
| Proficient                                                   | 26 (15) |
| Advanced or Expert                                           | 13 (8)  |
| **Experience Independently Leading COVID-19 IPC Assessments Prior to Training** |         |
| Led 0 On-site and/or Remote Assessment(s)                   | 110 (65)|
| Led ≥ 1 On-site and/or Remote Assessment(s)                 | 60 (35) |

Abbreviations: AR/AS, antibiotic resistance/antibiotic stewardship; CDC, Centers for Disease Control and Prevention; HAI/AR, healthcare-associated infections/antibiotic resistance; IPC, infection prevention and control; SME, subject matter expert

*1 learner did not complete the pre-course assessment.
†Percentages for some responses may not add to 100% due to rounding.
‡Healthcare IPC Experience Levels: None (“I have no experience performing IPC activities such as assessments, oversight, and education”); Developing or Aware (“I have limited ability to apply skills in IPC activities”); Approaching Proficiency (“I am becoming comfortable in my ability to apply skills in IPC activities”); Proficient (“I am comfortable in my ability to apply skills in IPC activities”); Advanced or Expert (“I am very comfortable in my ability to apply skills in IPC activities and can teach these skills to others”).