### Individuals — Use this form to evaluate your level of understanding and ability to perform each of the following competencies.

### Organizations — Use this form to evaluate epidemiologic competence of current staff members.

**Training and Competency:**
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**Importance:**
- 1 = An important competency for my position
- 2 = Neutral
- 3 = Not an important competency for my position

**Frequency:**
- D = Daily
- W = Weekly
- M = Monthly
- R = Rarely
- A = As needed

<table>
<thead>
<tr>
<th>Skill Domain</th>
<th>Epidemiology Competency: The competency statements below are abbreviated from the comprehensive competency statements in the AEC document</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>Importance</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, A</td>
<td>Validate identification of public health problems pertinent to the population</td>
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<tr>
<td>1, B</td>
<td>Organize surveillance</td>
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<tr>
<td>1, C</td>
<td>Design investigation of acute and chronic conditions or other adverse outcomes in the population</td>
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<tr>
<td>1, D</td>
<td>Synthesize principles of good ethical/legal practice for application to study design and data collection, dissemination, and use</td>
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<tr>
<td>1, E</td>
<td>Manage data from surveillance, investigations, or other sources</td>
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<tr>
<td>1, F</td>
<td>Evaluate data from an epidemiologic investigation or study</td>
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<tr>
<td>1, G</td>
<td>Evaluate results of data analysis and interpret conclusions</td>
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<tr>
<td>1, H</td>
<td>Formulate new interventions on the basis of evidence, when available, and control measures in response to epidemiologic findings</td>
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<tr>
<td>1, I</td>
<td>Evaluate programs</td>
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<td>2</td>
<td>Use basic public health sciences in epidemiologic practice</td>
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<tr>
<td>2, A-2</td>
<td>Ensure application of understanding of human and environmental biology and behavioral sciences and principles to determine biological mechanisms of disease</td>
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<tr>
<td>2, B</td>
<td>Develop processes for using laboratory resources to support epidemiologic activities</td>
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<tr>
<td>2, C</td>
<td>Apply principles of informatics, including data collection, processing, and analysis, in support of epidemiologic practice</td>
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<tr>
<td>3, A</td>
<td>Organize preparation of written and oral presentations that communicate necessary information to professional audiences, policymakers, and the general public</td>
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</tbody>
</table>

**Applied Epidemiology Competencies**
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<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Frequency</th>
<th>Importance</th>
<th>Training and Competency</th>
</tr>
</thead>
<tbody>
<tr>
<td>3, C</td>
<td>Model interpersonal skills in communications with agency personnel, colleagues, and the public</td>
<td></td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>3, D-2</td>
<td>Develop as-needed policies that address security, privacy, and legal considerations when communicating epidemiologic information</td>
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<td>4</td>
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<tr>
<td>4</td>
<td>Lead community public health planning processes</td>
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<td>4</td>
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<td>5</td>
<td>Practice culturally sensitive epidemiologic activities</td>
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<tr>
<td>6, A</td>
<td>Conduct epidemiologic activities within the financial and operational plan of the agency</td>
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<tr>
<td>6, B</td>
<td>Describe financial and budgetary processes of the agency</td>
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<tr>
<td>6, C</td>
<td>Implement operational and financial plans for assigned projects</td>
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<td>4</td>
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<tr>
<td>6, D</td>
<td>Prepare proposals for extramural funding for review and input from managers</td>
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</tr>
<tr>
<td>6, F</td>
<td>Use skills that foster collaborations, strong partnerships, and team-building to accomplish epidemiology program objectives</td>
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</tr>
<tr>
<td>7, A</td>
<td>Promote the epidemiologic perspective in the agency strategic planning process</td>
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<tr>
<td>7, B</td>
<td>Promote the organization’s vision in all epidemiologic program activities</td>
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<tr>
<td>7, C</td>
<td>Use performance measures to evaluate and improve program effectiveness</td>
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<td>4</td>
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<tr>
<td>7, D</td>
<td>Promote ethical conduct in the epidemiology practice</td>
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<td>4</td>
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<tr>
<td>7, E</td>
<td>Promote epidemiology workforce development</td>
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<td>4</td>
</tr>
<tr>
<td>7, F</td>
<td>Prepare for emergency response</td>
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<td>4</td>
</tr>
<tr>
<td>8, A</td>
<td>Bring epidemiologic perspective in the development and analysis of public health policies</td>
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<td>4</td>
</tr>
</tbody>
</table>